

Technical and architectural lighting
normalit.com

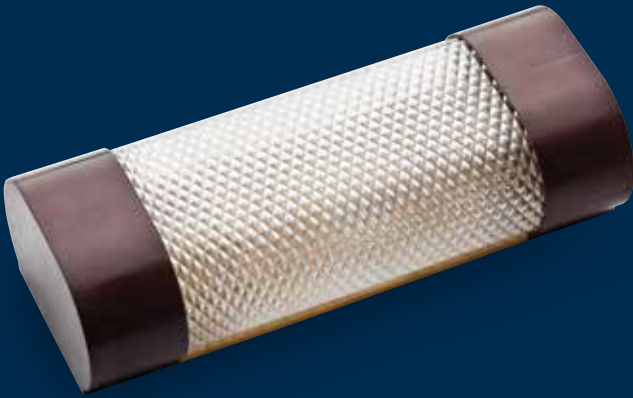


NORMALIT
by Normagrup



Sense of technology

Normagrup DNA



1971



GET TO KNOW
NORMAGRUP

See video



Everything started with an emergency light. A little device that already contained the key to our DNA.

Guided by a sense of curiosity, we were discovering new needs and searching for the technology to meet them.

And so, new divisions were created, enabling us to integrate solutions and to handle large projects with total confidence.

Without skimping on resources or technology, without taking shortcuts, without saving on components or quality controls.

And with a continuous desire to innovate and make the world better through technology.

Technology is our vehicle
to make the world
a better place.



Divisions

NORMALUX

Emergency lighting
normalux.com

NORMALIT

Technical and architectural lighting
normalit.com

NORMADET

Fire detection systems
normadet.com

NORCLINIC

Technical systems for hospitals
norclinic.com

Together, we make a perfectly coordinated team.

www.normalux.com

Leading company in the manufacture, sale and distribution of emergency lighting in Spain and worldwide. Our value has been proven by more than 40 years of experience, quality and confidence from our clients.

www.normalit.com

A division specialising in technical and architectural lighting which integrates all of the constructive process, incorporating the most innovative technology into products of a high technical quality.

www.normadet.com

State of the art solutions for fire and toxic gas protection systems. Certified quality.

www.norclinic.com

Specialists in the manufacture of hospital equipment which integrates night lights, indirect lighting and medical gas outlets.



International presence

From Spain to the world

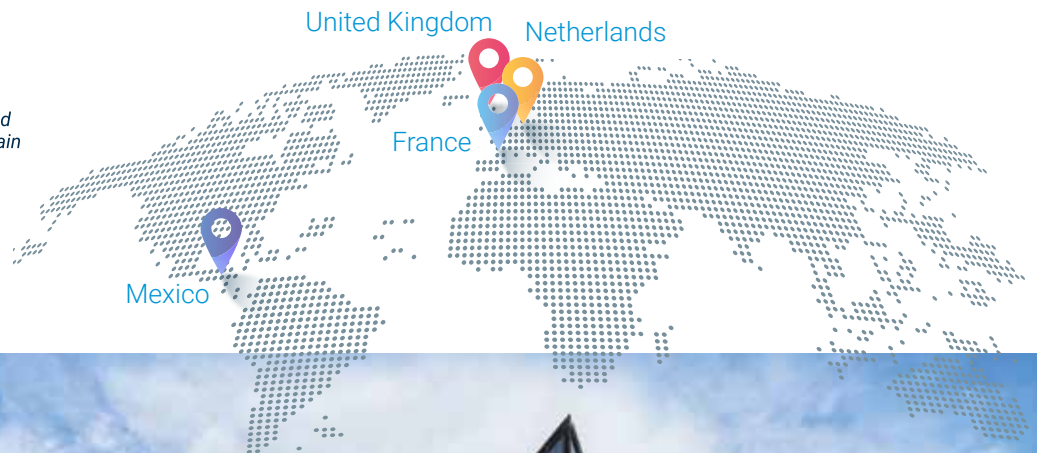
We distribute technology and innovation around the world from our facilities in Asturias and through various branches.

Our branches:



100%

Entirely designed and manufactured in Spain



30.000 sq.m.



Normagrup
researches, develops
and manufactures
in Spain.



4.500 sq.m.



Normagrup Tech Center

A space for research, testing and learning

Normagrup Tech Center is a 6,000 sq.m **building for laboratories and R&D**. It has been thought as NormaGrup's bet on innovation and technology. It also hosts an **auditorium** with capacity for 60 people where training sessions on theory of the light, projects development, domotics, regulation, etc, are carried out.

A unique place

More than 2,500 luminaires and self-contained emergency lights in total, central battery systems with step lights, light regulators, presence detectors...and all of this centered in **NormaLink**, the multi-device and multi-user control platform that makes it possible to combine and manage emergency and conventional lighting in a dynamic and intuitive way.

All in all, it is a unique space that NormaGrup offers to all its customers, contractors, engineers, architects, etc.



Our bet for quality

Departments

In order to handle large projects and offer an excellent service, we had to grow. But to be specialists and flexible, we need to keep our dimensions small.

At Normagrup, we solved this by creating divisions that operate as experts in their area. We also have common departments that work for everyone and give us cohesion.

R&D&i
Design
Tooling
Productive plant
Quality



Own laboratories

Our commitment with quality has made us to have our own laboratories. This gives us the freedom to investigate and test our products and to have the absolute certainty that they comply with all the regulations.

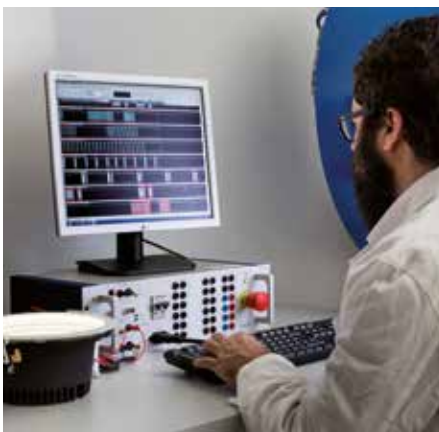
Goniophotometer (LMT GO-V 1900 Goniophotometer SN 06B441):
The goniophotometer measures the quantity of light in a particular direction. It is used to determine the distribution of the luminous intensity of a luminaire, given as a result the luminic curve.

Spectroradiometer (LMT SM 8107 - GO-V Spectroradiometer SN 06B601-81):
It can measure the spectral radiation or irradiation through several ranges, measuring the light from approximately 380 nanometers up to 780 nanometers. This tool enables us to know, amongst other parameters, the chromatic coordinates of a light source, its colour temperature and its CRI (Chromatic reproduction index).

Double monochromator:
this measures the radiance between 300 to 1400 nanometres. It analyses the non-visible part of the spectrum of a light source to obtain information about the photobiological risks in each luminaire (EN 62471).

Ulbrich Sphere:
This sphere integrates the measure of a luxometre in order to measure the luminous flux in a luminaire.

IP rating room:
In this room we can make the liquids IP testing of any significant figure, from IPX1 to IPX7.



Dust tightness chamber:

With this chamber we can make an IPXX test to check if the fittings with this degree of tightness are protected against dust penetration.

Impact hammer:

We can make an impact test of the degrees 1 to 10.

Climatic chamber:

With this chamber it is possible to make test at different temperatures and humidity degrees. The ranges are from -20°C to 150°C in temperature and from 10% to 98% humidity.

Glow wire machine:

With this machine we can check if the plastic elements in a luminaire are self-extinguishable, applying to the sample a temperature of 650°C to 850°C degrees (according to the regulation).

Battery testers:

These machines make it possible to check the batteries and their quality. It is possible to make charge/discharge cycles to the batteries, ageing them at high temperatures and registering the results in a computer.

Smoke and heat tunnel:

With this machine it is possible to simulate and analyze the operation of a smoke detector in an environment with smoke.

3D Printer:

It is possible to make prototypes of housings and plastic parts from a 3D design.

DALI BUS Tester:

Checks if a fitting has been manufactured according to the DALI protocol.

Electromagnetic spectra analyzer:

With this device it is possible to check the levels of electromagnetic interferences conducted in a fitting.

Recessed downlights

				
Elit 32	Elit Max 37	Elit HR 41	Elit HR Mini 45	Elit Mini 50
				
Elit Micro 52	Nahika 56	Nahika Q 58	Nahika Mini 61	Nahika Micro 62
				
Nahika Micro Q 64	Kuiper 67	Hat 70	Hat HR 72	Hat Q 75
				
Hat Mini 76	Hat Mini Q 77	Hat Micro 78	IR 81	IQ 83
				
Tiny 85	Dorfin 88	Dorfin Q 92		

Surface downlights

				
Elit S 99	Hat S 101	Cyre 103	Pendulars 107	Pagoda 113

Panels

				
Nassel Avant 120	Nassel 124	Nassel S 126	Luzerna Avant 129	Oqio 133
				
Eclipse 135				

Industrial



Markt

141



Blok Avant

146



Blok

150



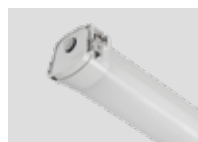
Blok R

151



Hermetic Line M

153



Hermetic Line

155



Hermetic XL

157

Structures



U-Line

162



Linnea

166



Linnea Mixto

168



Trazzo Avant

172



Trazzo 70

182



Trazzo Mixto

194



Cosmos

201



Contelux

205



Sycom

209



Coral

213



Zafiro

215



LED strips

217

Projectors



Aqa

235



Dot

239



Area

242



Prolit

248



Nora

251



Rail

253

Ambient



Mural

260



Cyre P

263



Til

264



Uro

265



Passo

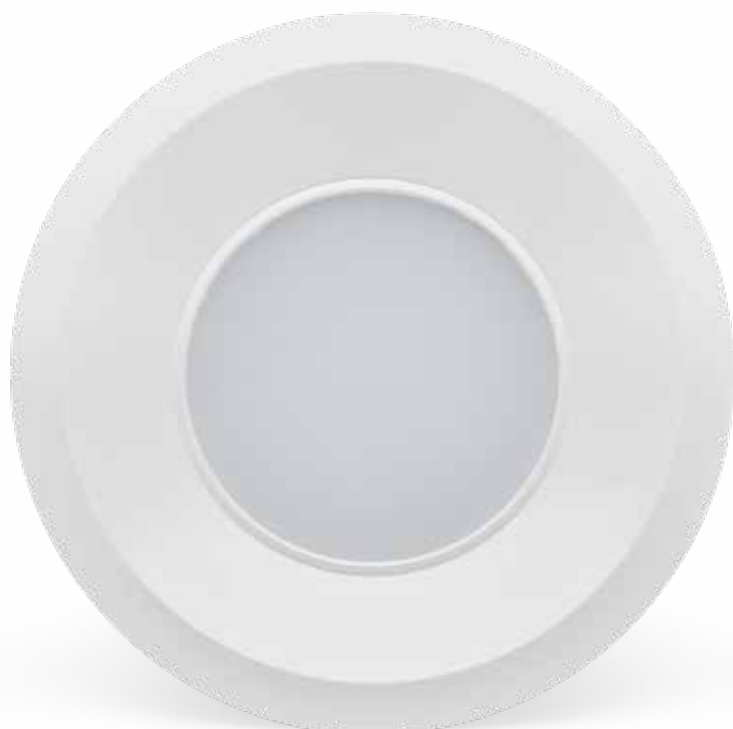
266

Normalink 267

Lighting technique 284

Guide for regulation control 296

New products



Recessed downlights

Kuiper

KUIPER is a compact recessed downlight with a diameter of 200mm and a height of 57mm. It has an aluminum heatsink, opal prismatic polycarbonate diffuser and ABS reflector. It is available in standard and DALI versions.

Industrial

Blok Avant

BLOK AVANT is an industrial fitting designed to light open areas. It has different optics to achieve a maximum save in number of luminaires and power.



Structures

Trazzo Avant

New recessed version



It is available in version

salUZ®

Panels

Nassel Avant

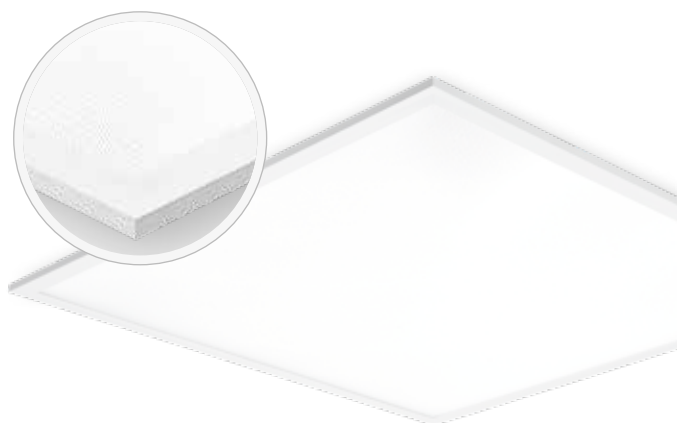
NASSEL AVANT is an LED panel with a metallic frame and a multi-reflector plastic system that provides uniform and comfortable lighting in the workplace environment.



It is available in version
salUZ®

Luzerna Avant

New microprismatic diffuser



UGR
16
PMMA
microprismatic
diffuser

New color
temperatures

5000 K



HAT MINI



HAT Q



HAT S



KUIPER

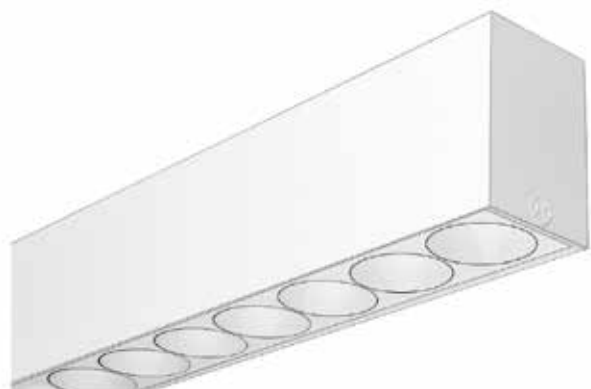


TRAZZO AVANT

BIM Objects

Building Information Modeling

Available in **normalit.es**



LED strips

New decorative lighting
catalogue



More information **page 217**





All the control in the palm of your hand



Compatible with DALI general lighting
and DALI emergency lighting.



salUZ®

Tunable white

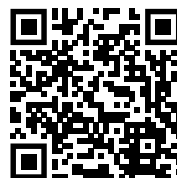
> MODBUS <

Compatible with
emergency lighting.

WIRELESS SYSTEM
NORMALUX



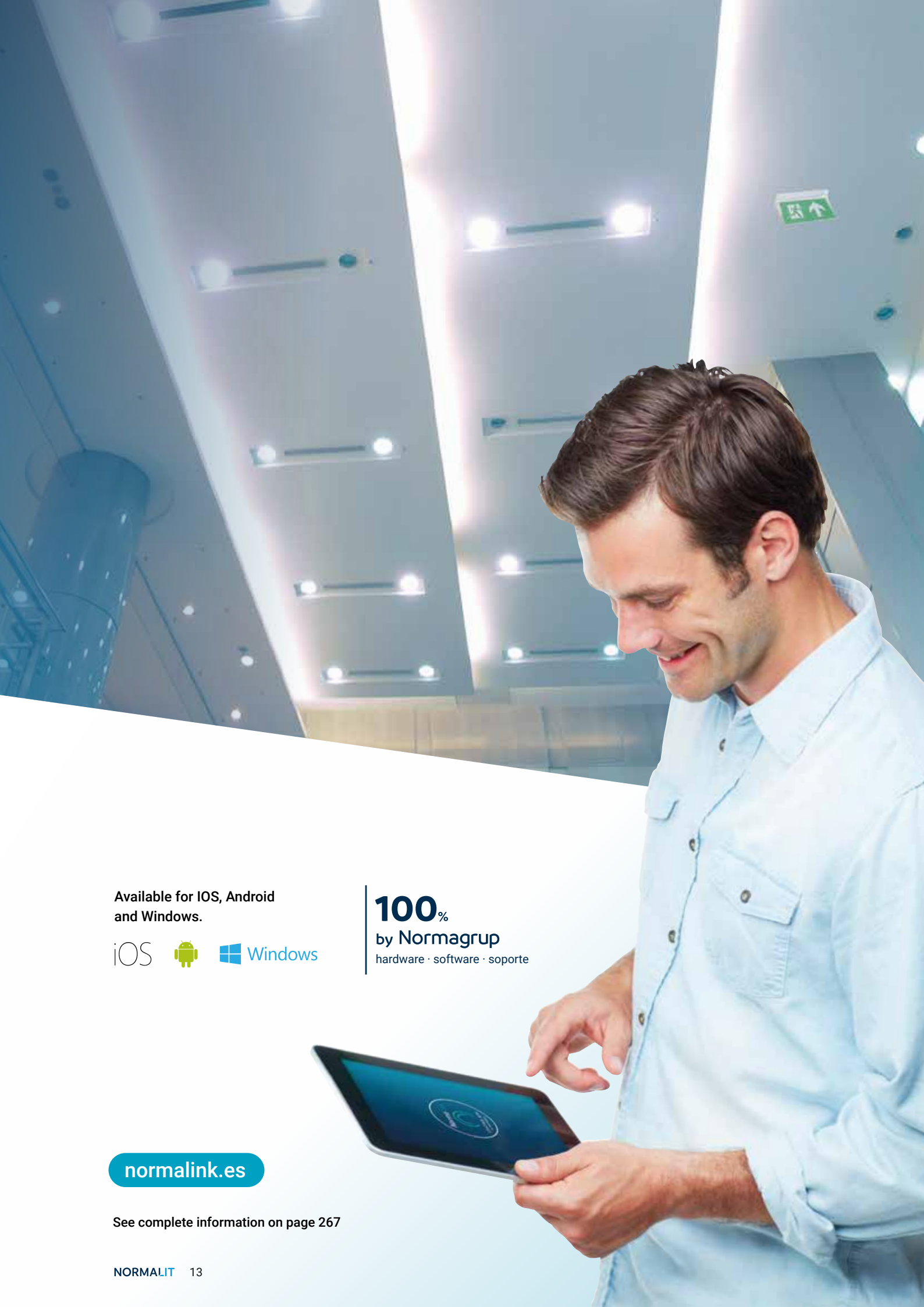
DT8



VIDEO TUTORIALS
NORMALINK

Normagrup Channel





Available for iOS, Android
and Windows.



100%
by Normagrup
hardware · software · soporte

normalink.es

See complete information on page 267



Technology inspired by the sun

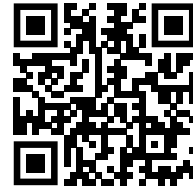
A woman with long dark hair is lying down, looking out at a sunset over a city. The sky is a mix of orange, pink, and purple. City lights are visible in the background.

SaLuz® luminaires are inspired by the sun to adapt to the biological cycles. **No network or external device connection is required.**

SaLuz® is a registered Trademark.

SaLuz® technology has been protected by utility model number 201931533.

SaLuz® is the technology from Normalit that creates healthy, comfortable and efficient environments



**SaLuz® Video
and more information**

Why some lighting makes us feel good while others create stress?

Light does have an impact on our vital rhythms, as well as on our physiological processes, our mood, our capacity to focus, our emotions and of course, our health.

And, even though artificial lighting is quite useful, our biology is still programmed to adapt to natural lighting, to its cycles and its features.





SaLuz® technology is inspired by natural light.

Thanks to its features, luminaires with SaLuz® technology offer important advantages:

- They adapt to our vital natural rhythms.
- They prevent damages to eyes and skin.
- They prevent headaches, nausea and dizziness.

How does SALUZ® technology work?

SALUZ® is a technology that influences several aspects of the light.



Adapts to the circadian rhythm

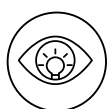
SaLuz® modifies the temperature colour of light through the day, to match our natural biological rhythms, improving the activation level, the mood and the sleep / awake cycle.



Flickering control (under 8%):

Flickering are small brightness fluctuations in the artificial lighting that can be perceived as blinks. Prolonged exposure to lights with high flickering can cause headaches, even migraines and nausea. SaLuz® guarantees a flickering level under 8%.





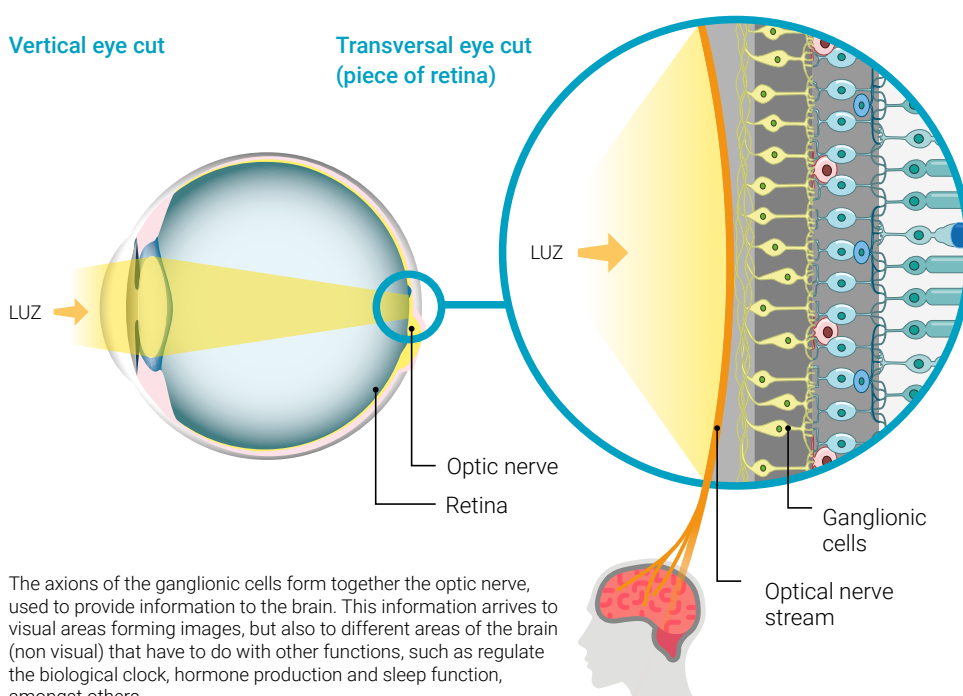
Controls the photobiological safety.

Lumaires equipped with SaLuz® technology are considered to be risk free for the eye and the skin, according to the European Norm about photobiological safety (EN 62471).

THE INFLUENCE OF LIGHT IN OUR BRAIN

Vertical eye cut

Transversal eye cut (piece of retina)



Light with a high predominance of blue stimulates the ganglionic cells in charge of producing the following hormones:

- Dopamine: involved in the muscular coordination, attention and pleasure.
- Serotonin: stimulant and motivator, increasing the levels of energy.
- Cortisol: (Stress hormone), stimulates the metabolism and prepares the body for the day.

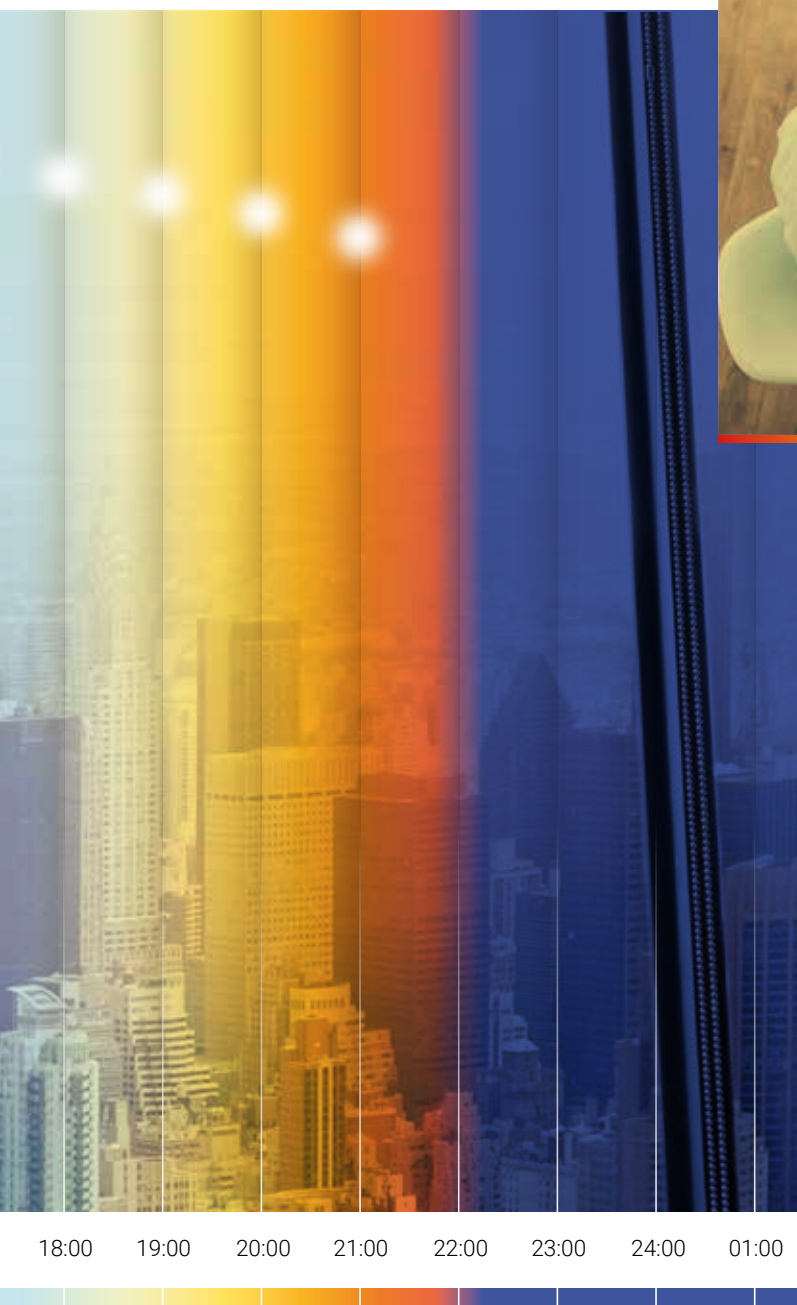
This type of light rich in blue content also suppresses the production of melatonin, the hormone that causes tiredness, slows down the activity of the body and reduces activity for a better rest.

Do you know what Circadian Rythm is and how does it affect your life?

People are naturally synchronized with the sun.



In the mornings, the intensity of the light and the proportion of blue light shades help us to be more active. In the evenings, the intensity and the proportion of the blue light shades decreases, which helps us to relax and get ready to rest.



2700°K

.....

SaLuz® luminaires reproduce by themselves the luminic cycle of the sun. To do this, we have considered as a reference the sunrise and sunset of Madrid each day of the year, and this has been associated to a light spectrum for each time of the day. This variation of spectra takes place continuously, but is imperceptible with the naked eye. Out of the day cycle, the luminaires emit a spectrum that has been designed to minimize the melatonin inhibition.



In indoors atmospheres where we usually spend most of our day (offices, schools, etc.), artificial light does not change its tone or its intensity and there is a desynchronization from our vital rhythms.

Science has proven that this directly affects our performance, our mood and our sleep.

SaLuz® synchronizes with our natural rhythms and automatically modifies the colour temperature during the day.

Areas of installation

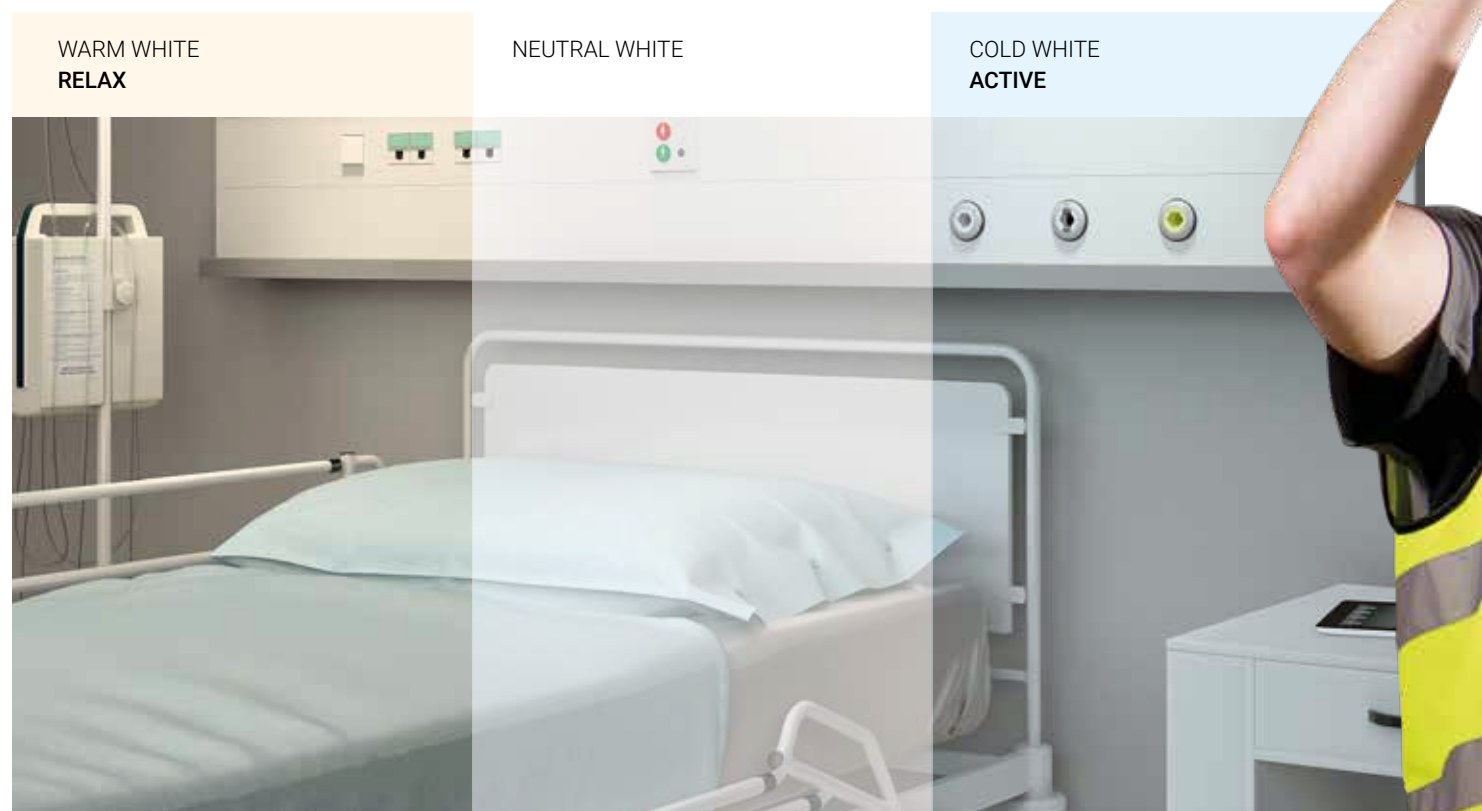
SaLuz® technology has been specially thought for indoor atmospheres where there is a constant artificial light all over the day.

Hospitals

There are patients with a limited movility that have little exposure to natural light and, hence, to the stimulus that help them synchronize their internal clocks.

SaLuz® technology stabilizes their circadian rythm. It relaxes or activates them as the sunlight would do, according to the time of the day, and also helps them to improve their sleep.

The professionals looking after them will also improve their performance and well-being.



Schools

There are many kids that are subject to a lighting which is not healthy. Even in places where photobiological risks, flickering and UGR have been considered, they are still exposed to an unsuitable and/or constant colour temperature that makes them loose biological rythm.

This affects their attention capacity, alters their coordination, their reaction capacity, etc.

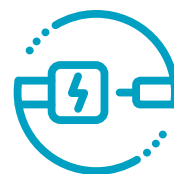


Self-contained and universal luminaires

Ready to mains

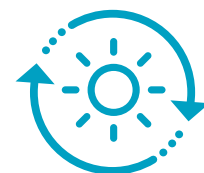
Luminaires including SaLuz® technology are the first ones in the market that can simulate circadian cycle without connection to any other fittings.

The luminaire includes a clock and a calendar with the date, the time and the season of the year. It is only necessary to connect it to mains.



Just installation
to mains

Without additional wiring
Without control elements
Without commissioning
Without configuration



Automatic
synchronization
with the sunlight

Luminaires with SaLuz®

Downlights

Hat HR saLUZ®

IP
54



Recessed
in the ceiling

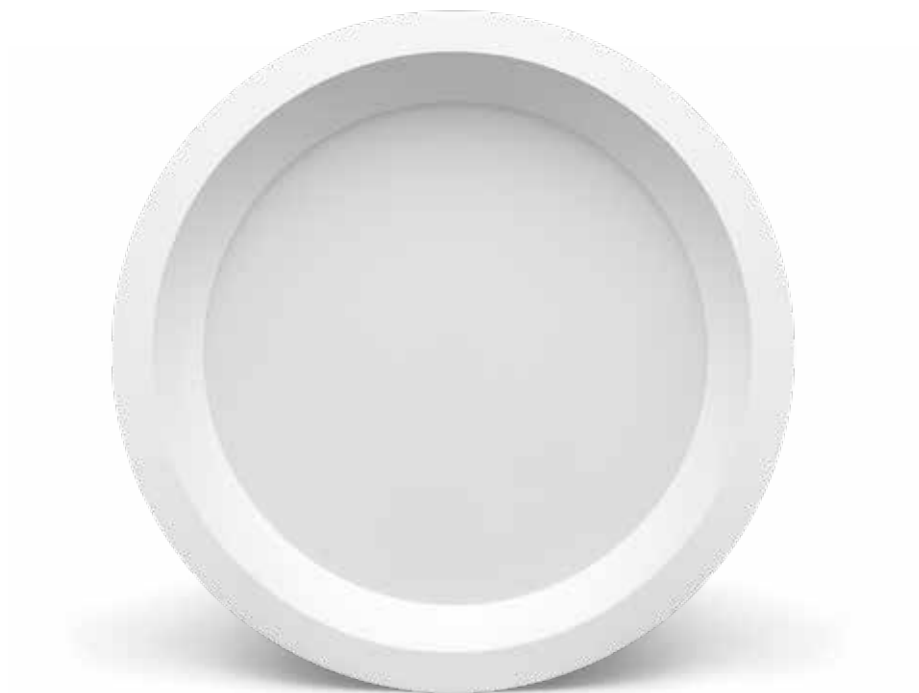
Photobiological security **0**

Flickering **< 8%**

UGR **21**



More information **page 74**



Panels

Nassel Avant saLUZ®

IP
44



Ceiling recessed
mounted

Photobiological security **0**

Flickering **< 8%**

UGR **16**



More information **page 121**



Luminaires with SaLuz®

Structures

Trazzo Avant saLuz®

IP
30



Ceiling
surface
mounted



Ceiling
suspended
mounted

Photobiological security **0**

Flickering **< 8%**

UGR **16**



More information **pages 173 and 177**



More information >
sa-luz.com

Leds food

Enhances the quality of the food

LEDS FOOD help to preserve the food. Since they do not generate high working temperatures, they extend the optimal preservation status.



The **BREAD LEDS** highlight the yellow and orange tones; They are ideal for cheeses, breads or baking products.



The **FISH LED** are ideal for fish illumination. Its cold temperature magnifies the quality of the product.



The **MEAT LEDs** highlight the red and pink tones of meat. The result is a more inviting product.



BREAD LED
3000K
2420 lm
CRI 85

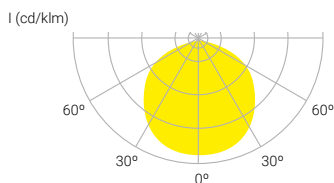


FISH LED
5000K
3250 lm
CRI 90



MEAT LED
4000K
2315 lm
CRI 82

LEDS FOOD guarantees an homogeneous working curve as well as a high CRI.



Only available in the indicated families.





LEDS
FOOD



Recessed Downlights

Elit	32
Elit Max	37
Elit HR	41
Elit HR Mini	45
Elit Mini	50
Elit Micro	52
Nahika	56
Nahika Q	58
Nahika Mini	61
Nahika Micro	62
Nahika Micro Q	64
Kuiper	67
Hat	70
Hat HR	72
Hat Q	75
Hat Mini	76
Hat Mini Q	77
Hat Micro	78
IR	81
IQ	83
Tiny	85
Dorfin	88
Dorfin Q	92



Elit

ELIT is the range of high added value recessed downlights by NormaLit. Their design, their features and their wide range make them the ideal downlight for any type of project.

ELIT is the perfect balance between design and technology. Its aluminium body is specifically designed to ensure the temperature of the LED is at an optimum and to achieve the best efficiency and durability. Its distinctive reflector made of technical polycarbonate creates a high quality, uniform light without any spots.

	Elit	Elit Max
Installation	Ceiling recessed mounted	Ceiling recessed mounted
Diffuser	○●●●●	○●●●●
Light source	LED	LED
Photobiological safety	1	1
UGR	19	19
CRI	>80	>80
MacAdam ellipse	3	3
Beam angle range	92-99	95-99
Power range (W)	11,8-54,6	17,4-54,6
Colour temperature (°K)	3000 4000	3000 4000
Light range	1930-8450	2650-8450
Power factor	0,95	0,95
Efficiency (%)	95,4	95,4
Expectancy	60000 h L70B10	60000 h L70B10
DALI Option	✓	✓
Continuous function 24h	✓	✓
IP	20-54	20-54
Class	II	II
Ideal cut out (mm)	218	245

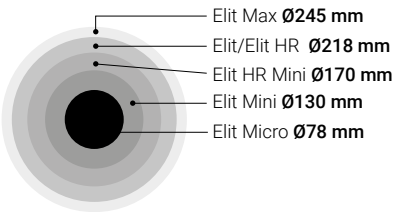
○ Without diffuser ● Opal diffuser ● Transparent diffuser ● Wallwasher diffuser

Now
up to 8450 lm

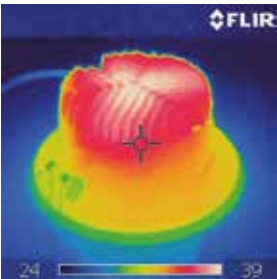
Five versions
five diameters

Diameters

Circular cut



Elit HR	Elit HR Mini	Elit Mini	Elit Micro
Ceiling recessed mounted	Ceiling recessed mounted	Ceiling recessed mounted	Ceiling recessed mounted
○ ○ ○	○ ○ ○	○ ○ ○	○ ○ ○
LED	LED	LED	LED
1	1	1	1
19	19	19	19
>80	>80	>80	>80
3	3	4	4
92-97	92-97	90-96	88-94
11,8-54,6	11,8-54,6	14	6,4
3000 4000	3000 4000	3000 4000	3000 4000
1930-8450	1930-8450	1350-1490	760-885
0,95	0,95	0,95	0,5
95	95	97,6	92,9
60000 h L70B10	60000 h L70B10	60000 h L70B10	60000 h L70B10
✓	✓	✓	✓
✓	✓	✓	✓
20-54	20-54	20-54	20-54
II	II	II	II
218	170	130	78



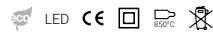
! Please, ask for the technical
datasheets of all the luminaires.

! For other CRI values, please contact us.

Elit



Ceiling recessed
mounted



IP
20-54 With opal diffuser/
transparent

CRI
>80

UGR
19

92-99°

Expectancy
60000 h.
L70B10

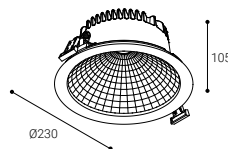
Efficiency (%)
95,4

Photobiological safety

RG0	Risk free
RG1*	1 Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

Go to page 286 to learn more



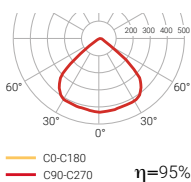
Minimum ceiling
installation height
155

Diameter range
Ø214-225

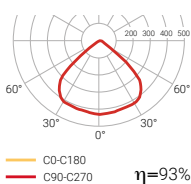
Ideal cut out
Ø218
Circular cut

- RAL9016
- RAL7001
- RAL9005

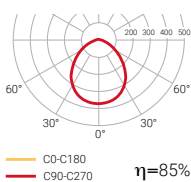
Without diffuser



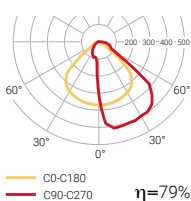
Transparent diffuser



Opal diffuser



Wallwasher diffuser



	W	K	LUMEN	COLOUR	
EL23B	1x11,8W	3000	1930 lm	○	0,8
EL23G	1x11,8W	3000	1930 lm	●	0,8
EL23N	1x11,8W	3000	1930 lm	●	0,8
EL23OB	1x11,8W	3000	1930 lm	○	0,8
EL23OG	1x11,8W	3000	1930 lm	●	0,8
EL23ON	1x11,8W	3000	1930 lm	●	0,8
EL23TB	1x11,8W	3000	1930 lm	○	0,8
EL23TG	1x11,8W	3000	1930 lm	●	0,8
EL23TN	1x11,8W	3000	1930 lm	●	0,8
EL23WB	1x11,8W	3000	1930 lm	○	0,8
EL23WG	1x11,8W	3000	1930 lm	●	0,8
EL23WN	1x11,8W	3000	1930 lm	●	0,8
EL24B	1x11,8W	4000	2050 lm	○	0,8
EL24G	1x11,8W	4000	2050 lm	●	0,8
EL24N	1x11,8W	4000	2050 lm	●	0,8
EL24OB	1x11,8W	4000	2050 lm	○	0,8
EL24OG	1x11,8W	4000	2050 lm	●	0,8
EL24ON	1x11,8W	4000	2050 lm	●	0,8
EL24TB	1x11,8W	4000	2050 lm	○	0,8
EL24TG	1x11,8W	4000	2050 lm	●	0,8
EL24TN	1x11,8W	4000	2050 lm	●	0,8
EL24WB	1x11,8W	4000	2050 lm	○	0,8
EL24WG	1x11,8W	4000	2050 lm	●	0,8
EL24WN	1x11,8W	4000	2050 lm	●	0,8
EL33B	1x17,4W	3000	2650 lm	○	0,8
EL33G	1x17,4W	3000	2650 lm	●	0,8
EL33N	1x17,4W	3000	2650 lm	●	0,8
EL33OB	1x17,4W	3000	2650 lm	○	0,8
EL33OG	1x17,4W	3000	2650 lm	●	0,8
EL33ON	1x17,4W	3000	2650 lm	●	0,8
EL33TB	1x17,4W	3000	2650 lm	○	0,8
EL33TG	1x17,4W	3000	2650 lm	●	0,8
EL33TN	1x17,4W	3000	2650 lm	●	0,8
EL33WB	1x17,4W	3000	2650 lm	○	0,8
EL33WG	1x17,4W	3000	2650 lm	●	0,8
EL33WN	1x17,4W	3000	2650 lm	●	0,8

Elit



Transparent diffuser



Opal diffuser



Wallwasher diffuser

	W	K	LUMEN	COLOUR	
EL34B	1x17,4W	4000	2850 lm	○	0,8
EL34G	1x17,4W	4000	2850 lm	●	0,8
EL34N	1x17,4W	4000	2850 lm	●	0,8
EL34OB	1x17,4W	4000	2850 lm	○	0,8
EL34OG	1x17,4W	4000	2850 lm	●	0,8
EL34ON	1x17,4W	4000	2850 lm	●	0,8
EL34TB	1x17,4W	4000	2850 lm	○	0,8
EL34TG	1x17,4W	4000	2850 lm	●	0,8
EL34TN	1x17,4W	4000	2850 lm	●	0,8
EL34WB	1x17,4W	4000	2850 lm	○	0,8
EL34WG	1x17,4W	4000	2850 lm	●	0,8
EL34WN	1x17,4W	4000	2850 lm	●	0,8
EL43B	1x25,1W	3000	3580 lm	○	0,8
EL43G	1x25,1W	3000	3580 lm	●	0,8
EL43N	1x25,1W	3000	3580 lm	●	0,8
EL43OB	1x25,1W	3000	3580 lm	○	0,8
EL43OG	1x25,1W	3000	3580 lm	●	0,8
EL43ON	1x25,1W	3000	3580 lm	●	0,8
EL43TB	1x25,1W	3000	3580 lm	○	0,8
EL43TG	1x25,1W	3000	3580 lm	●	0,8
EL43TN	1x25,1W	3000	3580 lm	●	0,8
EL43WB	1x25,1W	3000	3580 lm	○	0,8
EL43WG	1x25,1W	3000	3580 lm	●	0,8
EL43WN	1x25,1W	3000	3580 lm	●	0,8
EL44B	1x25,1W	4000	3780 lm	○	0,8
EL44G	1x25,1W	4000	3780 lm	●	0,8
EL44N	1x25,1W	4000	3780 lm	●	0,8
EL44OB	1x25,1W	4000	3780 lm	○	0,8
EL44OG	1x25,1W	4000	3780 lm	●	0,8
EL44ON	1x25,1W	4000	3780 lm	●	0,8
EL44TB	1x25,1W	4000	3780 lm	○	0,8
EL44TG	1x25,1W	4000	3780 lm	●	0,8
EL44TN	1x25,1W	4000	3780 lm	●	0,8
EL44WB	1x25,1W	4000	3780 lm	○	0,8
EL44WG	1x25,1W	4000	3780 lm	●	0,8
EL44WN	1x25,1W	4000	3780 lm	●	0,8

Ref. O Opal diffuser. IP54. UGR22

Ref. T Transparent diffuser. IP54. UGR19

Ref. W Wallwasher diffuser. IP20. UGR19

Without diffuser. IP20. UGR19



NUMBER OF FITTINGS NEEDED FOR A STANDARD INSTALLATION

EL34

	200 lx	300 lx	500 lx
50 m ²	4	6	9
100 m ²	6	9	16
150 m ²	9	15	22
200 m ²	12	18	30

Height used for the calculation: 2,8 m



New

IP
20-54 With opal diffuser/
transparent

CRI
>80 UGR
19 92-99°

Expectancy
60000 h. Efficiency (%)
L70B10 **95,4**

Photobiological safety

RG0	Risk free
RG1*	1 Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

Go to page 286 to learn more

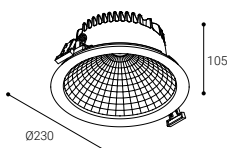


Minimum ceiling
installation height
155



Diameter range
Ø214-225

Ideal cut out
Ø218
Circular cut



○ RAL9016
● RAL7001
● RAL9005

	W	K	LUMEN	COLOUR	Ref.
EL63B	1x35,2W	3000	5800 lm	○	0,8
EL63G	1x35,2W	3000	5800 lm	●	0,8
EL63N	1x35,2W	3000	5800 lm	●	0,8
EL63OB	1x35,2W	3000	5800 lm	○	0,8
EL63OG	1x35,2W	3000	5800 lm	●	0,8
EL63ON	1x35,2W	3000	5800 lm	●	0,8
EL63TB	1x35,2W	3000	5800 lm	○	0,8
EL63TG	1x35,2W	3000	5800 lm	●	0,8
EL63TN	1x35,2W	3000	5800 lm	●	0,8
EL63WB	1x35,2W	3000	5800 lm	○	0,8
EL63WG	1x35,2W	3000	5800 lm	●	0,8
EL63WN	1x35,2W	3000	5800 lm	●	0,8
EL64B	1x35,2W	4000	6100 lm	○	0,8
EL64G	1x35,2W	4000	6100 lm	●	0,8
EL64N	1x35,2W	4000	6100 lm	●	0,8
EL64OB	1x35,2W	4000	6100 lm	○	0,8
EL64OG	1x35,2W	4000	6100 lm	●	0,8
EL64ON	1x35,2W	4000	6100 lm	●	0,8
EL64TB	1x35,2W	4000	6100 lm	○	0,8
EL64TG	1x35,2W	4000	6100 lm	●	0,8
EL64TN	1x35,2W	4000	6100 lm	●	0,8
EL64WB	1x35,2W	4000	6100 lm	○	0,8
EL64WG	1x35,2W	4000	6100 lm	●	0,8
EL64WN	1x35,2W	4000	6100 lm	●	0,8
EL83B	1x54,6W	3000	8020 lm	○	0,8
EL83G	1x54,6W	3000	8020 lm	●	0,8
EL83N	1x54,6W	3000	8020 lm	●	0,8
EL83OB	1x54,6W	3000	8020 lm	○	0,8
EL83OG	1x54,6W	3000	8020 lm	●	0,8
EL83ON	1x54,6W	3000	8020 lm	●	0,8
EL83TB	1x54,6W	3000	8020 lm	○	0,8
EL83TG	1x54,6W	3000	8020 lm	●	0,8
EL83TN	1x54,6W	3000	8020 lm	●	0,8
EL83WB	1x54,6W	3000	8020 lm	○	0,8
EL83WG	1x54,6W	3000	8020 lm	●	0,8
EL83WN	1x54,6W	3000	8020 lm	●	0,8
EL84B	1x54,6W	4000	8450 lm	○	0,8
EL84G	1x54,6W	4000	8450 lm	●	0,8
EL84N	1x54,6W	4000	8450 lm	●	0,8
EL84OB	1x54,6W	4000	8450 lm	○	0,8
EL84OG	1x54,6W	4000	8450 lm	●	0,8
EL84ON	1x54,6W	4000	8450 lm	●	0,8
EL84TB	1x54,6W	4000	8450 lm	○	0,8
EL84TG	1x54,6W	4000	8450 lm	●	0,8
EL84TN	1x54,6W	4000	8450 lm	●	0,8
EL84WB	1x54,6W	4000	8450 lm	○	0,8
EL84WG	1x54,6W	4000	8450 lm	●	0,8
EL84WN	1x54,6W	4000	8450 lm	●	0,8

Ref. O Opal diffuser. IP54. UGR22

Ref. T Transparent diffuser. IP54. UGR19

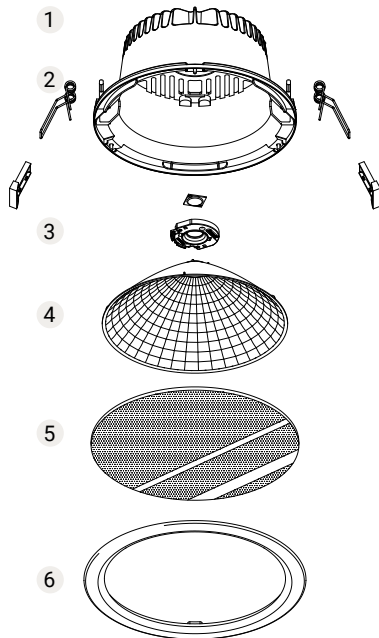
Ref. W Wallwasher diffuser. IP20. UGR19

Without diffuser. IP20. UGR19

Elit



Compatible with **NormaLINK**



- 1 Aluminium heat sink
- 2 Fixing clamps
- 3 LED COB
- 4 Concentric rings reflector
- 5 Diffuser
- 6 Customisable aluminium ring

	W	K	LUMEN	COLOUR	
EL23DB	1x11,8W	3000	1930 lm	○	0,8
EL23DG	1x11,8W	3000	1930 lm	●	0,8
EL23DN	1x11,8W	3000	1930 lm	●	0,8
EL23DOB	1x11,8W	3000	1930 lm	○	0,8
EL23DOG	1x11,8W	3000	1930 lm	●	0,8
EL23DON	1x11,8W	3000	1930 lm	●	0,8
EL23DTB	1x11,8W	3000	1930 lm	○	0,8
EL23DTG	1x11,8W	3000	1930 lm	●	0,8
EL23DTN	1x11,8W	3000	1930 lm	●	0,8
EL24DB	1x11,8W	4000	2050 lm	○	0,8
EL24DG	1x11,8W	4000	2050 lm	●	0,8
EL24DN	1x11,8W	4000	2050 lm	●	0,8
EL24DOB	1x11,8W	4000	2050 lm	○	0,8
EL24DOG	1x11,8W	4000	2050 lm	●	0,8
EL24DON	1x11,8W	4000	2050 lm	●	0,8
EL24DTB	1x11,8W	4000	2050 lm	○	0,8
EL24DTG	1x11,8W	4000	2050 lm	●	0,8
EL24DTN	1x11,8W	4000	2050 lm	●	0,8
EL33DB	1x17,4W	3000	2650 lm	○	0,8
EL33DG	1x17,4W	3000	2650 lm	●	0,8
EL33DN	1x17,4W	3000	2650 lm	●	0,8
EL33DOB	1x17,4W	3000	2650 lm	○	0,8
EL33DOG	1x17,4W	3000	2650 lm	●	0,8
EL33DON	1x17,4W	3000	2650 lm	●	0,8
EL33DTB	1x17,4W	3000	2650 lm	○	0,8
EL33DTG	1x17,4W	3000	2650 lm	●	0,8
EL33DTN	1x17,4W	3000	2650 lm	●	0,8
EL34DB	1x17,4W	4000	2850 lm	○	0,8
EL34DG	1x17,4W	4000	2850 lm	●	0,8
EL34DN	1x17,4W	4000	2850 lm	●	0,8
EL34DOB	1x17,4W	4000	2850 lm	○	0,8
EL34DOG	1x17,4W	4000	2850 lm	●	0,8
EL34DON	1x17,4W	4000	2850 lm	●	0,8
EL34DTB	1x17,4W	4000	2850 lm	○	0,8
EL34DTG	1x17,4W	4000	2850 lm	●	0,8
EL34DTN	1x17,4W	4000	2850 lm	●	0,8
EL43DB	1x25,1W	3000	3580 lm	○	0,8
EL43DG	1x25,1W	3000	3580 lm	●	0,8
EL43DN	1x25,1W	3000	3580 lm	●	0,8
EL43DOB	1x25,1W	3000	3580 lm	○	0,8
EL43DOG	1x25,1W	3000	3580 lm	●	0,8
EL43DON	1x25,1W	3000	3580 lm	●	0,8
EL43DTB	1x25,1W	3000	3580 lm	○	0,8
EL43DTG	1x25,1W	3000	3580 lm	●	0,8
EL43DTN	1x25,1W	3000	3580 lm	●	0,8
EL44DB	1x25,1W	4000	3780 lm	○	0,8
EL44DG	1x25,1W	4000	3780 lm	●	0,8
EL44DN	1x25,1W	4000	3780 lm	●	0,8
EL44DOB	1x25,1W	4000	3780 lm	○	0,8
EL44DOG	1x25,1W	4000	3780 lm	●	0,8
EL44DON	1x25,1W	4000	3780 lm	●	0,8
EL44DTB	1x25,1W	4000	3780 lm	○	0,8
EL44DTG	1x25,1W	4000	3780 lm	●	0,8
EL44DTN	1x25,1W	4000	3780 lm	●	0,8

Ref. O Opal diffuser. IP54. UGR22
 Ref. T Transparent diffuser. IP54. UGR19
 Without diffuser. IP20. UGR19

Elit



Compatible with **NormaLINK**

IP **20-54** With opal diffuser/
transparent

CRI **>80** UGR **19** **92-99°**

Expectancy **60000 h.** Efficiency (%) **95,4**
L70B10

Photobiological safety

RG0	Risk free
RG1*	1 Low risk
RG2	Moderate risk
RG3	High risk

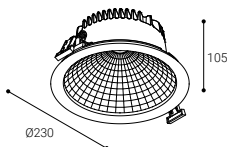
*Time under 3h.

Go to page 286 to learn more

Minimum ceiling
installation height
155

Diameter range
Ø214-225

Ideal cut out
Ø218
Circular cut



- RAL9016
- RAL7001
- RAL9005

	W	K	LUMEN	COLOUR	RA
EL63DB	1x35,2W	3000	5800 lm	○	0,8
EL63DG	1x35,2W	3000	5800 lm	●	0,8
EL63DN	1x35,2W	3000	5800 lm	●	0,8
EL63DOB	1x35,2W	3000	5800 lm	○	0,8
EL63DOG	1x35,2W	3000	5800 lm	●	0,8
EL63DON	1x35,2W	3000	5800 lm	●	0,8
EL63DTB	1x35,2W	3000	5800 lm	○	0,8
EL63DTG	1x35,2W	3000	5800 lm	●	0,8
EL63DTN	1x35,2W	3000	5800 lm	●	0,8
EL63DWB	1x35,2W	3000	5800 lm	○	0,8
EL63DWG	1x35,2W	3000	5800 lm	●	0,8
EL63DWN	1x35,2W	3000	5800 lm	●	0,8
EL64DB	1x35,2W	4000	6100 lm	○	0,8
EL64DG	1x35,2W	4000	6100 lm	●	0,8
EL64DN	1x35,2W	4000	6100 lm	●	0,8
EL64DOB	1x35,2W	4000	6100 lm	○	0,8
EL64DOG	1x35,2W	4000	6100 lm	●	0,8
EL64DON	1x35,2W	4000	6100 lm	●	0,8
EL64DTB	1x35,2W	4000	6100 lm	○	0,8
EL64DTG	1x35,2W	4000	6100 lm	●	0,8
EL64DTN	1x35,2W	4000	6100 lm	●	0,8
EL64DWB	1x35,2W	4000	6100 lm	○	0,8
EL64DWG	1x35,2W	4000	6100 lm	●	0,8
EL64DWN	1x35,2W	4000	6100 lm	●	0,8
EL83DB	1x54,6W	3000	8020 lm	○	0,8
EL83DG	1x54,6W	3000	8020 lm	●	0,8
EL83DN	1x54,6W	3000	8020 lm	●	0,8
EL83DOB	1x54,6W	3000	8020 lm	○	0,8
EL83DOG	1x54,6W	3000	8020 lm	●	0,8
EL83DON	1x54,6W	3000	8020 lm	●	0,8
EL83DTB	1x54,6W	3000	8020 lm	○	0,8
EL83DTG	1x54,6W	3000	8020 lm	●	0,8
EL83DTN	1x54,6W	3000	8020 lm	●	0,8
EL83DWB	1x54,6W	3000	8020 lm	○	0,8
EL83DWG	1x54,6W	3000	8020 lm	●	0,8
EL83DWN	1x54,6W	3000	8020 lm	●	0,8
EL84DB	1x54,6W	4000	8450 lm	○	0,8
EL84DG	1x54,6W	4000	8450 lm	●	0,8
EL84DN	1x54,6W	4000	8450 lm	●	0,8
EL84DOB	1x54,6W	4000	8450 lm	○	0,8
EL84DOG	1x54,6W	4000	8450 lm	●	0,8
EL84DON	1x54,6W	4000	8450 lm	●	0,8
EL84DTB	1x54,6W	4000	8450 lm	○	0,8
EL84DTG	1x54,6W	4000	8450 lm	●	0,8
EL84DTN	1x54,6W	4000	8450 lm	●	0,8
EL84DWB	1x54,6W	4000	8450 lm	○	0,8
EL84DWG	1x54,6W	4000	8450 lm	●	0,8
EL84DWN	1x54,6W	4000	8450 lm	●	0,8

Ref. O Opal diffuser. IP54. UGR22

Ref. T Transparent diffuser. IP54. UGR19

Ref. W Wallwasher diffuser. IP20. UGR19

Without diffuser. IP20. UGR19

Elit Max



Ceiling recessed
mounted



Now
up to 8450 lm

LED CE 850°C

IP 20-54 With opal diffuser/
transparent

CRI >80

UGR 19

95-99°

Expectancy
60000 h.
L70B10

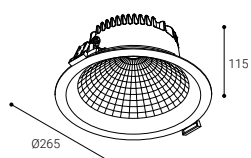
Efficiency (%)
95,4

Photobiological safety

RG0	Risk free
RG1*	1 Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

Go to page 286 to learn more



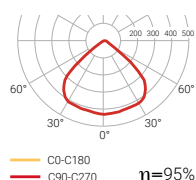
Minimum ceiling
installation height
165

Diameter range
Ø238-260

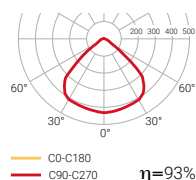
Ideal cut out
Ø245
Circular cut

○ RAL9016
● RAL7001
● RAL9005

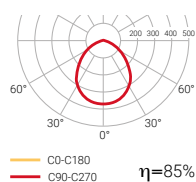
Without diffuser



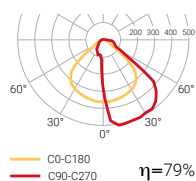
Transparent diffuser



Opal diffuser



Wallwasher diffuser



Ref. O Opal diffuser. IP54. UGR22
Ref. T Transparent diffuser. IP54. UGR19
Ref. W Wallwasher diffuser. IP20. UGR19
Without diffuser. IP20. UGR19

	W	K	LUMEN	COLOUR	η
EE33B	1x17,4W	3000	2650 lm	○	0,9
EE33G	1x17,4W	3000	2650 lm	●	0,9
EE33N	1x17,4W	3000	2650 lm	●	0,9
EE33OB	1x17,4W	3000	2650 lm	○	0,9
EE33OG	1x17,4W	3000	2650 lm	●	0,9
EE33ON	1x17,4W	3000	2650 lm	●	0,9
EE33TB	1x17,4W	3000	2650 lm	○	0,9
EE33TG	1x17,4W	3000	2650 lm	●	0,9
EE33TN	1x17,4W	3000	2650 lm	●	0,9
EE33WB	1x17,4W	3000	2650 lm	○	0,9
EE33WG	1x17,4W	3000	2650 lm	●	0,9
EE33WN	1x17,4W	3000	2650 lm	●	0,9
EE34B	1x17,4W	4000	2850 lm	○	0,9
EE34G	1x17,4W	4000	2850 lm	●	0,9
EE34N	1x17,4W	4000	2850 lm	●	0,9
EE34OB	1x17,4W	4000	2850 lm	○	0,9
EE34OG	1x17,4W	4000	2850 lm	●	0,9
EE34ON	1x17,4W	4000	2850 lm	●	0,9
EE34TB	1x17,4W	4000	2850 lm	○	0,9
EE34TG	1x17,4W	4000	2850 lm	●	0,9
EE34TN	1x17,4W	4000	2850 lm	●	0,9
EE34WB	1x17,4W	4000	2850 lm	○	0,9
EE34WG	1x17,4W	4000	2850 lm	●	0,9
EE34WN	1x17,4W	4000	2850 lm	●	0,9
EE43B	1x25,1W	3000	3580 lm	○	0,9
EE43G	1x25,1W	3000	3580 lm	●	0,9
EE43N	1x25,1W	3000	3580 lm	●	0,9
EE43OB	1x25,1W	3000	3580 lm	○	0,9
EE43OG	1x25,1W	3000	3580 lm	●	0,9
EE43ON	1x25,1W	3000	3580 lm	●	0,9
EE43TB	1x25,1W	3000	3580 lm	○	0,9
EE43TG	1x25,1W	3000	3580 lm	●	0,9
EE43TN	1x25,1W	3000	3580 lm	●	0,9
EE43WB	1x25,1W	3000	3580 lm	○	0,9
EE43WG	1x25,1W	3000	3580 lm	●	0,9
EE43WN	1x25,1W	3000	3580 lm	●	0,9

Elit Max

	W	K	LUMEN	COLOUR	 kg
EE44B	1x25,1W	4000	3780 lm	○	0,9
EE44G	1x25,1W	4000	3780 lm	●	0,9
EE44N	1x25,1W	4000	3780 lm	●	0,9
EE44OB	1x25,1W	4000	3780 lm	○	0,9
EE44OG	1x25,1W	4000	3780 lm	●	0,9
EE44ON	1x25,1W	4000	3780 lm	●	0,9
EE44TB	1x25,1W	4000	3780 lm	○	0,9
EE44TG	1x25,1W	4000	3780 lm	●	0,9
EE44TN	1x25,1W	4000	3780 lm	●	0,9
EE44WB	1x25,1W	4000	3780 lm	○	0,9
EE44WG	1x25,1W	4000	3780 lm	●	0,9
EE44WN	1x25,1W	4000	3780 lm	●	0,9
EE63B	1x35,2W	3000	5800 lm	○	0,9
EE63G	1x35,2W	3000	5800 lm	●	0,9
EE63N	1x35,2W	3000	5800 lm	●	0,9
EE63OB	1x35,2W	3000	5800 lm	○	0,9
EE63OG	1x35,2W	3000	5800 lm	●	0,9
EE63ON	1x35,2W	3000	5800 lm	●	0,9
EE63TB	1x35,2W	3000	5800 lm	○	0,9
EE63TG	1x35,2W	3000	5800 lm	●	0,9
EE63TN	1x35,2W	3000	5800 lm	●	0,9
EE63WB	1x35,2W	3000	5800 lm	○	0,9
EE63WG	1x35,2W	3000	5800 lm	●	0,9
EE63WN	1x35,2W	3000	5800 lm	●	0,9
EE64B	1x35,2W	4000	6100 lm	○	0,9
EE64G	1x35,2W	4000	6100 lm	●	0,9
EE64N	1x35,2W	4000	6100 lm	●	0,9
EE64OB	1x35,2W	4000	6100 lm	○	0,9
EE64OG	1x35,2W	4000	6100 lm	●	0,9
EE64ON	1x35,2W	4000	6100 lm	●	0,9
EE64TB	1x35,2W	4000	6100 lm	○	0,9
EE64TG	1x35,2W	4000	6100 lm	●	0,9
EE64TN	1x35,2W	4000	6100 lm	●	0,9
EE64WB	1x35,2W	4000	6100 lm	○	0,9
EE64WG	1x35,2W	4000	6100 lm	●	0,9
EE64WN	1x35,2W	4000	6100 lm	●	0,9
EE83B	1x54,6W	3000	8020 lm	○	0,9
EE83G	1x54,6W	3000	8020 lm	●	0,9
EE83N	1x54,6W	3000	8020 lm	●	0,9
EE83OB	1x54,6W	3000	8020 lm	○	0,9
EE83OG	1x54,6W	3000	8020 lm	●	0,9
EE83ON	1x54,6W	3000	8020 lm	●	0,9
EE83TB	1x54,6W	3000	8020 lm	○	0,9
EE83TG	1x54,6W	3000	8020 lm	●	0,9
EE83TN	1x54,6W	3000	8020 lm	●	0,9
EE83WB	1x54,6W	3000	8020 lm	○	0,9
EE83WG	1x54,6W	3000	8020 lm	●	0,9
EE83WN	1x54,6W	3000	8020 lm	●	0,9
EE84B	1x54,6W	4000	8450 lm	○	0,9
EE84G	1x54,6W	4000	8450 lm	●	0,9
EE84N	1x54,6W	4000	8450 lm	●	0,9

Ref. O Opal diffuser. IP54. UGR22

Ref. T Transparent diffuser. IP54. UGR19

Ref. W Wallwasher diffuser. IP20. UGR19

Without diffuser. IP20. UGR19

Elit Max

IP
20-54 With opal diffuser/
transparent

CRI
>80 UGR
19 
95-99°

Expectancy
60000 h.
L70B10 Efficiency (%)
95,4

Photobiological safety

RG0	Risk free
RG1*	1 Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

Go to page 286 to learn more

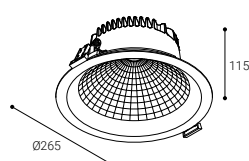


Minimum ceiling
installation height
165



Diameter range
Ø238-260

Ideal cut out
Ø245
Circular cut



- RAL9016
- RAL7001
- RAL9005

Ref. O Opal diffuser. IP54. UGR22
Ref. T Transparent diffuser. IP54. UGR19
Ref. W Wallwasher diffuser. IP20. UGR19
Without diffuser. IP20. UGR19

	W	K	LUMEN	COLOUR	
EE840B	1x54,6W	4000	8450 lm	○	0,9
EE840G	1x54,6W	4000	8450 lm	●	0,9
EE840N	1x54,6W	4000	8450 lm	●	0,9
EE84TB	1x54,6W	4000	8450 lm	○	1,6
EE84TG	1x54,6W	4000	8450 lm	●	1,6
EE84TN	1x54,6W	4000	8450 lm	●	1,6
EE84WB	1x54,6W	4000	8450 lm	○	0,9
EE84WG	1x54,6W	4000	8450 lm	●	0,9
EE84WN	1x54,6W	4000	8450 lm	●	0,9

Compatible with **NormaLINK** 

	W	K	LUMEN	COLOUR	
EE33DB	1x17,4W	3000	2650 lm	○	0,9
EE33DG	1x17,4W	3000	2650 lm	●	0,9
EE33DN	1x17,4W	3000	2650 lm	●	0,9
EE33DOB	1x17,4W	3000	2650 lm	○	0,9
EE33DOG	1x17,4W	3000	2650 lm	●	0,9
EE33DON	1x17,4W	3000	2650 lm	●	0,9
EE33DTB	1x17,4W	3000	2650 lm	○	0,9
EE33DTG	1x17,4W	3000	2650 lm	●	0,9
EE33DTN	1x17,4W	3000	2650 lm	●	0,9
EE34DB	1x17,4W	4000	2850 lm	○	0,9
EE34DG	1x17,4W	4000	2850 lm	●	0,9
EE34DN	1x17,4W	4000	2850 lm	●	0,9
EE34DOB	1x17,4W	4000	2850 lm	○	0,9
EE34DOG	1x17,4W	4000	2850 lm	●	0,9
EE34DON	1x17,4W	4000	2850 lm	●	0,9
EE34DTB	1x17,4W	4000	2850 lm	○	0,9
EE34DTG	1x17,4W	4000	2850 lm	●	0,9
EE34DTN	1x17,4W	4000	2850 lm	●	0,9
EE43DB	1x25,1W	3000	3580 lm	○	0,9
EE43DG	1x25,1W	3000	3580 lm	●	0,9
EE43DN	1x25,1W	3000	3580 lm	●	0,9
EE43DOB	1x25,1W	3000	3580 lm	○	0,9
EE43DOG	1x25,1W	3000	3580 lm	●	0,9
EE43DON	1x25,1W	3000	3580 lm	●	0,9
EE43DTB	1x25,1W	3000	3580 lm	○	0,9
EE43DTG	1x25,1W	3000	3580 lm	●	0,9
EE43DTN	1x25,1W	3000	3580 lm	●	0,9
EE44DB	1x25,1W	4000	3780 lm	○	0,9
EE44DG	1x25,1W	4000	3780 lm	●	0,9
EE44DN	1x25,1W	4000	3780 lm	●	0,9
EE44DOB	1x25,1W	4000	3780 lm	○	0,9
EE44DOG	1x25,1W	4000	3780 lm	●	0,9
EE44DON	1x25,1W	4000	3780 lm	●	0,9
EE44DTB	1x25,1W	4000	3780 lm	○	0,9
EE44DTG	1x25,1W	4000	3780 lm	●	0,9
EE44DTN	1x25,1W	4000	3780 lm	●	0,9

Elit Max



Compatible with **NormaLINK**



Transparent diffuser



Opal diffuser



Wallwasher diffuser

	W	K	LUMEN	COLOUR	
EE63DB	1x35,2W	3000	5800 lm	○	0,9
EE63DG	1x35,2W	3000	5800 lm	●	0,9
EE63DN	1x35,2W	3000	5800 lm	●	0,9
EE63DOB	1x35,2W	3000	5800 lm	○	0,9
EE63DOG	1x35,2W	3000	5800 lm	●	0,9
EE63DON	1x35,2W	3000	5800 lm	●	0,9
EE63DTB	1x35,2W	3000	5800 lm	○	0,9
EE63DTG	1x35,2W	3000	5800 lm	●	0,9
EE63DTN	1x35,2W	3000	5800 lm	●	0,9
EE63DWB	1x35,2W	3000	5800 lm	○	0,9
EE63DWG	1x35,2W	3000	5800 lm	●	0,9
EE63DWN	1x35,2W	3000	5800 lm	●	0,9
EE64DB	1x35,2W	4000	6100 lm	○	0,9
EE64DG	1x35,2W	4000	6100 lm	●	0,9
EE64DN	1x35,2W	4000	6100 lm	●	0,9
EE64DOB	1x35,2W	4000	6100 lm	○	0,9
EE64DOG	1x35,2W	4000	6100 lm	●	0,9
EE64DON	1x35,2W	4000	6100 lm	●	0,9
EE64DTB	1x35,2W	4000	6100 lm	○	0,9
EE64DTG	1x35,2W	4000	6100 lm	●	0,9
EE64DTN	1x35,2W	4000	6100 lm	●	0,9
EE64DWB	1x35,2W	4000	6100 lm	○	0,9
EE64DWG	1x35,2W	4000	6100 lm	●	0,9
EE64DWN	1x35,2W	4000	6100 lm	●	0,9
EE83DB	1x54,6W	3000	8020 lm	○	0,9
EE83DG	1x54,6W	3000	8020 lm	●	0,9
EE83DN	1x54,6W	3000	8020 lm	●	0,9
EE83DOB	1x54,6W	3000	8020 lm	○	0,9
EE83DOG	1x54,6W	3000	8020 lm	●	0,9
EE83DON	1x54,6W	3000	8020 lm	●	0,9
EE83DTB	1x54,6W	3000	8020 lm	○	0,9
EE83DTG	1x54,6W	3000	8020 lm	●	0,9
EE83DTN	1x54,6W	3000	8020 lm	●	0,9
EE83DWB	1x54,6W	3000	8020 lm	○	0,9
EE83DWG	1x54,6W	3000	8020 lm	●	0,9
EE83DWN	1x54,6W	3000	8020 lm	●	0,9
EE84DB	1x54,6W	4000	8450 lm	○	0,9
EE84DG	1x54,6W	4000	8450 lm	●	0,9
EE84DN	1x54,6W	4000	8450 lm	●	0,9
EE84DOB	1x54,6W	4000	8450 lm	○	0,9
EE84DOG	1x54,6W	4000	8450 lm	●	0,9
EE84DON	1x54,6W	4000	8450 lm	●	0,9
EE84DTB	1x54,6W	4000	8450 lm	○	1,6
EE84DTG	1x54,6W	4000	8450 lm	●	1,6
EE84DTN	1x54,6W	4000	8450 lm	●	1,6
EE84DWB	1x54,6W	4000	8450 lm	○	0,9
EE84DWG	1x54,6W	4000	8450 lm	●	0,9
EE84DWN	1x54,6W	4000	8450 lm	●	0,9

Ref. O Opal diffuser. IP54. UGR22
Ref. T Transparent diffuser. IP54. UGR19
Ref. W Wallwasher diffuser. IP20. UGR19
Without diffuser. IP20. UGR19

Elit HR



Ceiling recessed
mounted



LED CE 850°C

IP 20-54 With opal diffuser/
transparent

CRI >80 UGR 19 92-97°

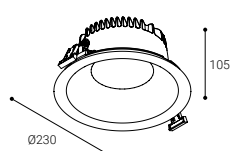
Expectancy 60000 h. L70B10 Efficiency (%) 95

Photobiological safety

RG0	Risk free
RG1*	1 Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

Go to page 286 to learn more



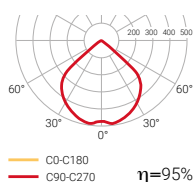
Minimum ceiling
installation height
155

Diameter range
Ø214-225
Ideal cut out
Ø218
Circular cut

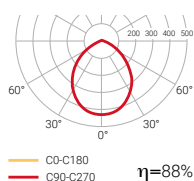
○ RAL9016
● RAL7001
● RAL9005

Now
up to 8450 lm

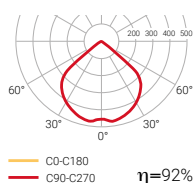
Without diffuser



Opal diffuser



Transparent diffuser



Ref. O Opal diffuser. IP54. UGR22
Ref. T Transparent diffuser. IP54. UGR19
Without diffuser. IP20. UGR19

	W	K	LUMEN	COLOUR	
ELI23B	1x11,8W	3000	1930 lm	○	1,0
ELI23G	1x11,8W	3000	1930 lm	●	1,0
ELI23N	1x11,8W	3000	1930 lm	●	1,0
ELI23OB	1x11,8W	3000	1930 lm	○	1,0
ELI23OG	1x11,8W	3000	1930 lm	●	1,0
ELI23ON	1x11,8W	3000	1930 lm	●	1,0
ELI23TB	1x11,8W	3000	1930 lm	○	1,0
ELI23TG	1x11,8W	3000	1930 lm	●	1,0
ELI23TN	1x11,8W	3000	1930 lm	●	1,0
ELI24B	1x11,8W	4000	2050 lm	○	1,0
ELI24G	1x11,8W	4000	2050 lm	●	1,0
ELI24N	1x11,8W	4000	2050 lm	●	1,0
ELI24OB	1x13W	4000	2050 lm	○	1,0
ELI24OG	1x11,8W	4000	2050 lm	●	1,0
ELI24ON	1x11,8W	4000	2050 lm	●	1,0
ELI24TB	1x11,8W	4000	2050 lm	○	1,0
ELI24TG	1x11,8W	4000	2050 lm	●	1,0
ELI24TN	1x11,8W	4000	2050 lm	●	1,0
ELI33B	1x17,4W	3000	2650 lm	○	1,0
ELI33G	1x17,4W	3000	2650 lm	●	1,0
ELI33N	1x17,4W	3000	2650 lm	●	1,0
ELI33OB	1x17,4W	3000	2650 lm	○	1,0
ELI33OG	1x17,4W	3000	2650 lm	●	1,0
ELI33ON	1x17,4W	3000	2650 lm	●	1,0
ELI33TB	1x17,4W	3000	2650 lm	○	1,0
ELI33TG	1x17,4W	3000	2650 lm	●	1,0
ELI33TN	1x17,4W	3000	2650 lm	●	1,0
ELI34B	1x17,4W	4000	2850 lm	○	1,0
ELI34G	1x17,4W	4000	2850 lm	●	1,0
ELI34N	1x17,4W	4000	2850 lm	●	1,0
ELI34OB	1x19,14W	4000	2850 lm	○	1,0
ELI34OG	1x17,4W	4000	2850 lm	●	1,0
ELI34ON	1x17,4W	4000	2850 lm	●	1,0
ELI34TB	1x17,4W	4000	2850 lm	○	1,0
ELI34TG	1x17,4W	4000	2850 lm	●	1,0
ELI34TN	1x17,4W	4000	2850 lm	●	1,0

Elit HR

IP

20-54

With opal diffuser/
transparent

CRI

>80

UGR

19

92-97°

Expectancy

60000 h.

L70B10

Efficiency (%)

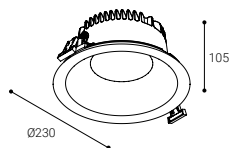
95

Photobiological safety

RG0	Risk free
RG1*	1 Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

Go to page 286 to learn more


Minimum ceiling
installation height
155

Diameter range
Ø214-225

Ideal cut out
Ø218
Circular cut

- RAL9016
- RAL7001
- RAL9005

	W	K	LUMEN	COLOUR	RA
ELI43B	1x25,1W	3000	3580 lm	○	1,0
ELI43G	1x25,1W	3000	3580 lm	●	1,0
ELI43N	1x25,1W	3000	3580 lm	●	1,0
ELI43OB	1x25,1W	3000	3580 lm	○	1,0
ELI43OG	1x25,1W	3000	3580 lm	●	1,0
ELI43ON	1x25,1W	3000	3580 lm	●	1,0
ELI43TB	1x25,1W	3000	3580 lm	○	1,0
ELI43TG	1x25,1W	3000	3580 lm	●	1,0
ELI43TN	1x25,1W	3000	3580 lm	●	1,0
ELI44B	1x25,1W	4000	3780 lm	○	1,0
ELI44G	1x25,1W	4000	3780 lm	●	1,0
ELI44N	1x25,1W	4000	3780 lm	●	1,0
ELI44OB	1x25,1W	4000	3780 lm	○	1,0
ELI44OG	1x25,1W	4000	3780 lm	●	1,0
ELI44ON	1x25,1W	4000	3780 lm	●	1,0
ELI44TB	1x25,1W	4000	3780 lm	○	1,0
ELI44TG	1x25,1W	4000	3780 lm	●	1,0
ELI44TN	1x25,1W	4000	3780 lm	●	1,0
ELI63B	1x35,2W	3000	5800 lm	○	0,8
ELI63G	1x35,2W	3000	5800 lm	●	0,8
ELI63N	1x35,2W	3000	5800 lm	●	0,8
ELI63OB	1x35,2W	3000	5800 lm	○	0,8
ELI63OG	1x35,2W	3000	5800 lm	●	0,8
ELI63ON	1x35,2W	3000	5800 lm	●	0,8
ELI63TB	1x35,2W	3000	5800 lm	○	0,8
ELI63TG	1x35,2W	3000	5800 lm	●	0,8
ELI63TN	1x35,2W	3000	5800 lm	●	0,8
ELI64B	1x35,2W	4000	6100 lm	○	0,8
ELI64G	1x35,2W	4000	6100 lm	●	0,8
ELI64N	1x35,2W	4000	6100 lm	●	0,8
ELI64OB	1x35,2W	4000	6100 lm	○	0,8
ELI64OG	1x35,2W	4000	6100 lm	●	0,8
ELI64ON	1x35,2W	4000	6100 lm	●	0,8
ELI64TB	1x35,2W	4000	6100 lm	○	0,8
ELI64TG	1x35,2W	4000	6100 lm	●	0,8
ELI64TN	1x35,2W	4000	6100 lm	●	0,8
ELI83B	1x54,6W	3000	8020 lm	○	0,8
ELI83G	1x54,6W	3000	8020 lm	●	0,8
ELI83N	1x54,6W	3000	8020 lm	●	0,8
ELI83OB	1x54,6W	3000	8020 lm	○	0,8
ELI83OG	1x54,6W	3000	8020 lm	●	0,8
ELI83ON	1x54,6W	3000	8020 lm	●	0,8
ELI83TB	1x54,6W	3000	8020 lm	○	0,8
ELI83TG	1x54,6W	3000	8020 lm	●	0,8
ELI83TN	1x54,6W	3000	8020 lm	●	0,8
ELI84B	1x54,6W	4000	8450 lm	○	0,8
ELI84G	1x54,6W	4000	8450 lm	●	0,8
ELI84N	1x54,6W	4000	8450 lm	●	0,8
ELI84OB	1x54,6W	4000	8450 lm	○	0,8
ELI84OG	1x54,6W	4000	8450 lm	●	0,8
ELI84ON	1x54,6W	4000	8450 lm	●	0,8
ELI84TB	1x54,6W	4000	8450 lm	○	0,8
ELI84TG	1x54,6W	4000	8450 lm	●	0,8
ELI84TN	1x54,6W	4000	8450 lm	●	0,8

Ref. O Opal diffuser. IP54. UGR22

Ref. T Transparent diffuser. IP54. UGR19

Without diffuser. IP20. UGR19

Elit HR

Compatible with **NormaLINK** 

	W	K	LUMEN	COLOUR	
ELI23DB	1x11,8W	3000	1930 lm	○	1,0
ELI23DG	1x11,8W	3000	1930 lm	●	1,0
ELI23DN	1x11,8W	3000	1930 lm	●	1,0
ELI23DOB	1x11,8W	3000	1930 lm	○	1,0
ELI23DOG	1x11,8W	3000	1930 lm	●	1,0
ELI23DON	1x11,8W	3000	1930 lm	●	1,0
ELI23DTB	1x11,8W	3000	1930 lm	○	1,0
ELI23DTG	1x11,8W	3000	1930 lm	●	1,0
ELI23DTN	1x11,8W	3000	1930 lm	●	1,0
ELI24DB	1x11,8W	4000	2050 lm	○	1,0
ELI24DG	1x11,8W	4000	2050 lm	●	1,0
ELI24DN	1x11,8W	4000	2050 lm	●	1,0
ELI24DOB	1x11,8W	4000	2050 lm	○	1,0
ELI24DOG	1x11,8W	4000	2050 lm	●	1,0
ELI24DON	1x11,8W	4000	2050 lm	●	1,0
ELI24DTB	1x11,8W	4000	2050 lm	○	1,0
ELI24DTG	1x11,8W	4000	2050 lm	●	1,0
ELI24DTN	1x11,8W	4000	2050 lm	●	1,0
ELI33DB	1x17,4W	3000	2650 lm	○	1,0
ELI33DG	1x17,4W	3000	2650 lm	●	1,0
ELI33DN	1x17,4W	3000	2650 lm	●	1,0
ELI33DOB	1x17,4W	3000	2650 lm	○	1,0
ELI33DOG	1x17,4W	3000	2650 lm	●	1,0
ELI33DON	1x17,4W	3000	2650 lm	●	1,0
ELI33DTB	1x17,4W	3000	2650 lm	○	1,0
ELI33DTG	1x17,4W	3000	2650 lm	●	1,0
ELI33DTN	1x17,4W	3000	2650 lm	●	1,0
ELI34DB	1x17,4W	4000	2850 lm	○	1,0
ELI34DG	1x17,4W	4000	2850 lm	●	1,0
ELI34DN	1x17,4W	4000	2850 lm	●	1,0
ELI34DOB	1x17,4W	4000	2850 lm	○	1,0
ELI34DOG	1x17,4W	4000	2850 lm	●	1,0
ELI34DON	1x17,4W	4000	2850 lm	●	1,0
ELI34DTB	1x17,4W	4000	2850 lm	○	1,0
ELI34DTG	1x17,4W	4000	2850 lm	●	1,0
ELI34DTN	1x17,4W	4000	2850 lm	●	1,0
ELI43DB	1x25,1W	3000	3580 lm	○	1,0
ELI43DG	1x25,1W	3000	3580 lm	●	1,0
ELI43DN	1x25,1W	3000	3580 lm	●	1,0
ELI43DOB	1x25,1W	3000	3580 lm	○	1,0
ELI43DOG	1x25,1W	3000	3580 lm	●	1,0
ELI43DON	1x25,1W	3000	3580 lm	●	1,0
ELI43DTB	1x25,1W	3000	3580 lm	○	1,0
ELI43DTG	1x25,1W	3000	3580 lm	●	1,0
ELI43DTN	1x25,1W	3000	3580 lm	●	1,0
ELI44DB	1x25,1W	4000	3780 lm	○	1,0
ELI44DG	1x25,1W	4000	3780 lm	●	1,0
ELI44DN	1x25,1W	4000	3780 lm	●	1,0
ELI44DOB	1x25,1W	4000	3780 lm	○	1,0
ELI44DOG	1x25,1W	4000	3780 lm	●	1,0
ELI44DON	1x25,1W	4000	3780 lm	●	1,0
ELI44DTB	1x25,1W	4000	3780 lm	○	1,0
ELI44DTG	1x25,1W	4000	3780 lm	●	1,0
ELI44DTN	1x25,1W	4000	3780 lm	●	1,0

Ref. O Opal diffuser. IP54. UGR22
 Ref. T Transparent diffuser. IP54. UGR19
 Without diffuser. IP20. UGR19

Elit HR


Compatible with **NormaLINK**

IP **20-54** With opal diffuser/
transparent

CRI **>80** UGR **19** **92-97°**

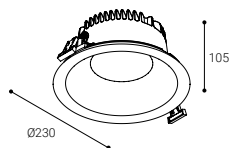
Expectancy **60000 h.** Efficiency (%) **95**
L70B10

Photobiological safety

RG0	Risk free
RG1*	1 Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

Go to page 286 to learn more



Minimum ceiling
installation height
155

Diameter range
Ø214-225

Ideal cut out
Ø218
Circular cut

- RAL9016
- RAL7001
- RAL9005

	W	K	LUMEN	COLOUR	RA
ELI63DB	1x35,2W	3000	5800 lm	○	0,8
ELI63DG	1x35,2W	3000	5800 lm	●	0,8
ELI63DN	1x35,2W	3000	5800 lm	●	0,8
ELI63DOB	1x35,2W	3000	5800 lm	○	0,8
ELI63DOG	1x35,2W	3000	5800 lm	●	0,8
ELI63DON	1x35,2W	3000	5800 lm	●	0,8
ELI63DTB	1x35,2W	3000	5800 lm	○	0,8
ELI63DTG	1x35,2W	3000	5800 lm	●	0,8
ELI63DTN	1x35,2W	3000	5800 lm	●	0,8
ELI64DB	1x35,2W	4000	6100 lm	○	0,8
ELI64DG	1x35,2W	4000	6100 lm	●	0,8
ELI64DN	1x35,2W	4000	6100 lm	●	0,8
ELI64DOB	1x35,2W	4000	6100 lm	○	0,8
ELI64DOG	1x35,2W	4000	6100 lm	●	0,8
ELI64DON	1x35,2W	4000	6100 lm	●	0,8
ELI64DTB	1x35,2W	4000	6100 lm	○	0,8
ELI64DTG	1x35,2W	4000	6100 lm	●	0,8
ELI64DTN	1x35,2W	4000	6100 lm	●	0,8
ELI83DB	1x54,6W	3000	8020 lm	○	0,8
ELI83DG	1x54,6W	3000	8020 lm	●	0,8
ELI83DN	1x54,6W	3000	8020 lm	●	0,8
ELI83DOB	1x54,6W	3000	8020 lm	○	0,8
ELI83DOG	1x54,6W	3000	8020 lm	●	0,8
ELI83DON	1x54,6W	3000	8020 lm	●	0,8
ELI83DTB	1x54,6W	3000	8020 lm	○	0,8
ELI83DTG	1x54,6W	3000	8020 lm	●	0,8
ELI83DTN	1x54,6W	3000	8020 lm	●	0,8
ELI84DB	1x54,6W	4000	8450 lm	○	0,8
ELI84DG	1x54,6W	4000	8450 lm	●	0,8
ELI84DN	1x54,6W	4000	8450 lm	●	0,8
ELI84DOB	1x54,6W	4000	8450 lm	○	0,8
ELI84DOG	1x54,6W	4000	8450 lm	●	0,8
ELI84DON	1x54,6W	4000	8450 lm	●	0,8
ELI84DTB	1x54,6W	4000	8450 lm	○	0,8
ELI84DTG	1x54,6W	4000	8450 lm	●	0,8
ELI84DTN	1x54,6W	4000	8450 lm	●	0,8

Ref. O Opal diffuser. IP54. UGR22

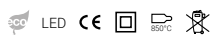
Ref. T Transparent diffuser. IP54. UGR19

Without diffuser. IP20. UGR19

Elit HR Mini



Ceiling recessed
mounted



IP
20-54 With opal diffuser/
transparent

CRI
>80 UGR
19 **92-97°**

Expectancy
60000 h.
L70B10 Efficiency (%)
95

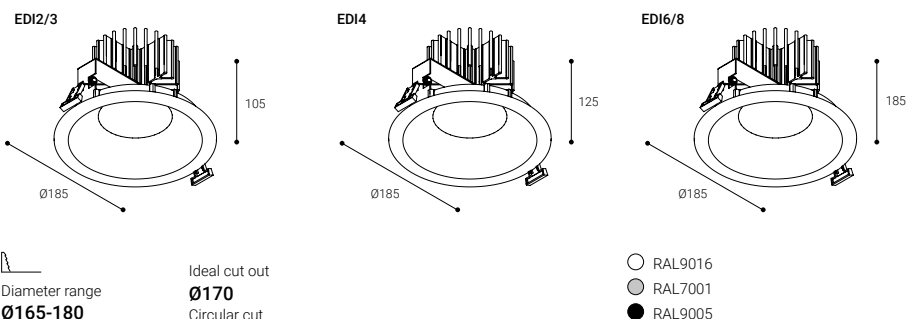
Photobiological safety

RG0	Risk free
RG1*	1 Low risk
RG2	Moderate risk
RG3	High risk

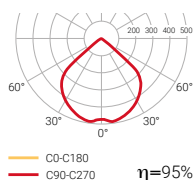
*Time under 3 h.

Go to page 286 to learn more

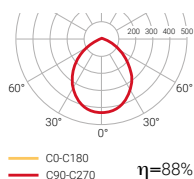
Now
up to 8450 lm



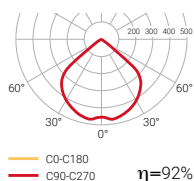
Without diffuser



Opal diffuser



Transparent diffuser



Ref. O Opal diffuser. IP54. UGR22
Ref. T Transparent diffuser. IP54. UGR19
Without diffuser. IP20. UGR19

	W	K	LUMEN	COLOUR	
EDI23B	1x11,8W	3000	1930 lm	○	1,0
EDI23G	1x11,8W	3000	1930 lm	●	1,0
EDI23N	1x11,8W	3000	1930 lm	●	1,0
EDI23OB	1x11,8W	3000	1930 lm	○	1,0
EDI23OG	1x11,8W	3000	1930 lm	●	1,0
EDI23ON	1x11,8W	3000	1930 lm	●	1,0
EDI23TB	1x11,8W	3000	1930 lm	○	1,0
EDI23TG	1x11,8W	3000	1930 lm	●	1,0
EDI23TN	1x11,8W	3000	1930 lm	●	1,0
EDI24B	1x11,8W	4000	2050 lm	○	1,0
EDI24G	1x11,8W	4000	2050 lm	●	1,0
EDI24N	1x11,8W	4000	2050 lm	●	1,0
EDI24OB	1x11,8W	4000	2050 lm	○	1,0
EDI24OG	1x11,8W	4000	2050 lm	●	1,0
EDI24ON	1x11,8W	4000	2050 lm	●	1,0
EDI24TB	1x11,8W	4000	2050 lm	○	1,0
EDI24TG	1x11,8W	4000	2050 lm	●	1,0
EDI24TN	1x11,8W	4000	2050 lm	●	1,0
EDI33B	1x17,4W	3000	2650 lm	○	1,0
EDI33G	1x17,4W	3000	2650 lm	●	1,0
EDI33N	1x17,4W	3000	2650 lm	●	1,0
EDI33OB	1x17,4W	3000	2650 lm	○	1,0
EDI33OG	1x17,4W	3000	2650 lm	●	1,0
EDI33ON	1x17,4W	3000	2650 lm	●	1,0
EDI33TB	1x17,4W	3000	2650 lm	○	1,0
EDI33TG	1x17,4W	3000	2650 lm	●	1,0
EDI33TN	1x17,4W	3000	2650 lm	●	1,0

Elit HR Mini

IP
20-54 With opal diffuser/
transparent

CRI
>80 UGR
19 
92-97°

Expectancy
60000 h. Efficiency (%)
L70B10 **95**

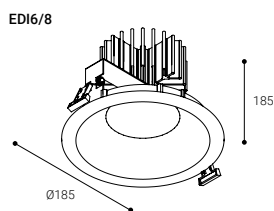
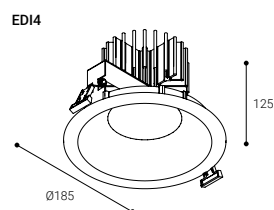
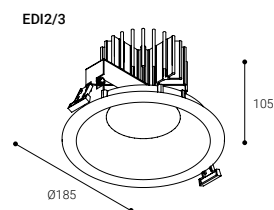
Photobiological safety

RG0	Risk free
RG1*	1 Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

Go to page 286 to learn more

 Ideal cut out
Diameter range **Ø170**
Ø165-180 Circular cut



- RAL9016
- RAL7001
- RAL9005

	W	K	LUMEN	COLOUR	
EDI34B	1x17,4W	4000	2850 lm	○	1,0
EDI34G	1x17,4W	4000	2850 lm	●	1,0
EDI34N	1x17,4W	4000	2850 lm	●	1,0
EDI34OB	1x17,4W	4000	2850 lm	○	1,0
EDI34OG	1x17,4W	4000	2850 lm	●	1,0
EDI34ON	1x17,4W	4000	2850 lm	●	1,0
EDI34TB	1x17,4W	4000	2850 lm	○	1,0
EDI34TG	1x17,4W	4000	2850 lm	●	1,0
EDI34TN	1x17,4W	4000	2850 lm	●	1,0
EDI43B	1x25,1W	3000	3580 lm	○	1,0
EDI43G	1x25,1W	3000	3580 lm	●	1,0
EDI43N	1x25,1W	3000	3580 lm	●	1,0
EDI43OB	1x25,1W	3000	3580 lm	○	1,0
EDI43OG	1x25,1W	3000	3580 lm	●	1,0
EDI43ON	1x25,1W	3000	3580 lm	●	1,0
EDI43TB	1x25,1W	3000	3580 lm	○	1,0
EDI43TG	1x25,1W	3000	3580 lm	●	1,0
EDI43TN	1x25,1W	3000	3580 lm	●	1,0
EDI44B	1x25,1W	4000	3780 lm	○	1,0
EDI44G	1x25,1W	4000	3780 lm	●	1,0
EDI44N	1x25,1W	4000	3780 lm	●	1,0
EDI44OB	1x25,1W	4000	3780 lm	○	1,0
EDI44OG	1x25,1W	4000	3780 lm	●	1,0
EDI44ON	1x25,1W	4000	3780 lm	●	1,0
EDI44TB	1x25,1W	4000	3780 lm	○	1,0
EDI44TG	1x25,1W	4000	3780 lm	●	1,0
EDI44TN	1x25,1W	4000	3780 lm	●	1,0
EDI63B	1x35,2W	3000	5800 lm	○	1,6
EDI63G	1x35,2W	3000	5800 lm	●	1,6
EDI63N	1x35,2W	3000	5800 lm	●	1,6
EDI63OB	1x35,2W	3000	5800 lm	○	1,6
EDI63OG	1x35,2W	3000	5800 lm	●	1,6
EDI63ON	1x35,2W	3000	5800 lm	●	1,6
EDI63TB	1x35,2W	3000	5800 lm	○	1,7
EDI63TG	1x35,2W	3000	5800 lm	●	1,6
EDI63TN	1x35,2W	3000	5800 lm	●	1,6
EDI64B	1x35,2W	4000	6100 lm	○	1,7
EDI64G	1x35,2W	4000	6100 lm	●	1,6
EDI64N	1x35,2W	4000	6100 lm	●	1,6
EDI64OB	1x35,2W	4000	6100 lm	○	1,6
EDI64OG	1x35,2W	4000	6100 lm	●	1,6
EDI64ON	1x35,2W	4000	6100 lm	●	1,6
EDI64TB	1x35,2W	4000	6100 lm	○	1,7
EDI64TG	1x35,2W	4000	6100 lm	●	1,6
EDI64TN	1x35,2W	4000	6100 lm	●	1,6

Ref. O Opal diffuser. IP54. UGR22

Ref. T Transparent diffuser. IP54. UGR19

Without diffuser. IP20. UGR19

Elit HR Mini



	W	K	LUMEN	COLOUR	
EDI83B	1x54,6W	3000	8020 lm	○	1,6
EDI83G	1x54,6W	3000	8020 lm	●	1,6
EDI83N	1x54,6W	3000	8020 lm	●	1,6
EDI83OB	1x54,6W	3000	8020 lm	○	1,6
EDI83OG	1x54,6W	3000	8020 lm	●	1,6
EDI83ON	1x54,6W	3000	8020 lm	●	1,6
EDI83TB	1x54,6W	3000	8020 lm	○	1,6
EDI83TG	1x54,6W	3000	8020 lm	●	1,6
EDI83TN	1x54,6W	3000	8020 lm	●	1,6
EDI84B	1x54,6W	4000	8450 lm	○	1,6
EDI84G	1x54,6W	4000	8450 lm	●	1,6
EDI84N	1x54,6W	4000	8450 lm	●	1,6
EDI84OB	1x54,6W	4000	8450 lm	○	1,6
EDI84OG	1x54,6W	4000	8450 lm	●	1,6
EDI84ON	1x54,6W	4000	8450 lm	●	1,6
EDI84TB	1x54,6W	4000	8450 lm	○	1,6
EDI84TG	1x54,6W	4000	8450 lm	●	1,6
EDI84TN	1x54,6W	4000	8450 lm	●	1,6



Compatible with **NormaLINK** 

	W	K	LUMEN	COLOUR	
EDI23DB	1x11,8W	3000	1930 lm	○	1,0
EDI23DG	1x11,8W	3000	1930 lm	●	1,0
EDI23DN	1x11,8W	3000	1930 lm	●	1,0
EDI23DOB	1x11,8W	3000	1930 lm	○	1,0
EDI23DOG	1x11,8W	3000	1930 lm	●	1,0
EDI23DON	1x11,8W	3000	1930 lm	●	1,0
EDI23DTB	1x11,8W	3000	1930 lm	○	1,0
EDI23DTG	1x11,8W	3000	1930 lm	●	1,0
EDI23DTN	1x11,8W	3000	1930 lm	●	1,0
EDI24DB	1x11,8W	4000	2050 lm	○	1,0
EDI24DG	1x11,8W	4000	2050 lm	●	1,0
EDI24DN	1x11,8W	4000	2050 lm	●	1,0
EDI24DOB	1x11,8W	4000	2050 lm	○	1,0
EDI24DOG	1x11,8W	4000	2050 lm	●	1,0
EDI24DON	1x11,8W	4000	2050 lm	●	1,0
EDI24DTB	1x11,8W	4000	2050 lm	○	1,0
EDI24DTG	1x11,8W	4000	2050 lm	●	1,0
EDI24DTN	1x11,8W	4000	2050 lm	●	1,0

Ref. O Opal diffuser. IP54. UGR22
 Ref. T Transparent diffuser. IP54. UGR19
 Without diffuser. IP20. UGR19

Elit HR Mini


Compatible with **NormaLINK**

IP
20-54 With opal diffuser/
transparent

CRI
>80 UGR
19 **92-97°**

Expectancy
60000 h. Efficiency (%)
95
L70B10

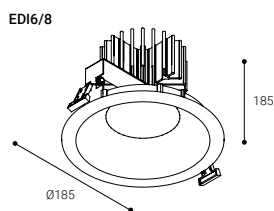
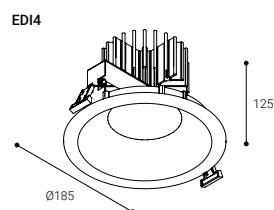
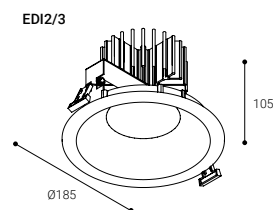
Photobiological safety

RG0	Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

Go to page 286 to learn more

Ideal cut out
Diameter range
Ø165-180
Ø170
Circular cut



○ RAL9016
● RAL7001
● RAL9005

	W	K	LUMEN	COLOUR	RA
EDI33DB	1x17,4W	3000	2650 lm	○	1,0
EDI33DG	1x17,4W	3000	2650 lm	●	1,0
EDI33DN	1x17,4W	3000	2650 lm	●	1,0
EDI33DOB	1x17,4W	3000	2650 lm	○	1,0
EDI33DOG	1x17,4W	3000	2650 lm	●	1,0
EDI33DON	1x17,4W	3000	2650 lm	●	1,0
EDI33DTB	1x17,4W	3000	2650 lm	○	1,0
EDI33DTG	1x17,4W	3000	2650 lm	●	1,0
EDI33DTN	1x17,4W	3000	2650 lm	●	1,0
EDI34DB	1x17,4W	4000	2850 lm	○	1,0
EDI34DG	1x17,4W	4000	2850 lm	●	1,0
EDI34DN	1x17,4W	4000	2850 lm	●	1,0
EDI34DOB	1x17,4W	4000	2850 lm	○	1,0
EDI34DOG	1x17,4W	4000	2850 lm	●	1,0
EDI34DON	1x17,4W	4000	2850 lm	●	1,0
EDI34DTB	1x17,4W	4000	2850 lm	○	1,0
EDI34DTG	1x17,4W	4000	2850 lm	●	1,0
EDI34DTN	1x17,4W	4000	2850 lm	●	1,0
EDI43DB	1x25,1W	3000	3580 lm	○	1,0
EDI43DG	1x25,1W	3000	3580 lm	●	1,0
EDI43DN	1x25,1W	3000	3580 lm	●	1,0
EDI43DOB	1x25,1W	3000	3580 lm	○	1,0
EDI43DOG	1x25,1W	3000	3580 lm	●	1,0
EDI43DON	1x25,1W	3000	3580 lm	●	1,0
EDI43DTB	1x25,1W	3000	3580 lm	○	1,0
EDI43DTG	1x25,1W	3000	3580 lm	●	1,0
EDI43DTN	1x25,1W	3000	3580 lm	●	1,0
EDI44DB	1x25,1W	4000	3780 lm	○	1,0
EDI44DG	1x25,1W	4000	3780 lm	●	1,0
EDI44DN	1x25,1W	4000	3780 lm	●	1,0
EDI44DOB	1x25,1W	4000	3780 lm	○	1,0
EDI44DOG	1x25,1W	4000	3780 lm	●	1,0
EDI44DON	1x25,1W	4000	3780 lm	●	1,0
EDI44DTB	1x25,1W	4000	3780 lm	○	1,0
EDI44DTG	1x25,1W	4000	3780 lm	●	1,0
EDI44DTN	1x25,1W	4000	3780 lm	●	1,0
EDI63DB	1x35,2W	3000	5800 lm	○	1,6
EDI63DG	1x35,2W	3000	5800 lm	●	1,6
EDI63DN	1x35,2W	3000	5800 lm	●	1,6
EDI63DOB	1x35,2W	3000	5800 lm	○	1,6
EDI63DOG	1x35,2W	3000	5800 lm	●	1,6
EDI63DON	1x35,2W	3000	5800 lm	●	1,6
EDI63DTB	1x35,2W	3000	5800 lm	○	1,7
EDI63DTG	1x35,2W	3000	5800 lm	●	1,6
EDI63DTN	1x35,2W	3000	5800 lm	●	1,6
EDI64DB	1x35,2W	4000	6100 lm	○	1,6
EDI64DG	1x35,2W	4000	6100 lm	●	1,6
EDI64DN	1x35,2W	4000	6100 lm	●	1,6
EDI64DOB	1x35,2W	4000	6100 lm	○	1,6
EDI64DOG	1x35,2W	4000	6100 lm	●	1,6
EDI64DON	1x35,2W	4000	6100 lm	●	1,6
EDI64DTB	1x35,2W	4000	6100 lm	○	1,7
EDI64DTG	1x35,2W	4000	6100 lm	●	1,6
EDI64DTN	1x35,2W	4000	6100 lm	●	1,6

Ref. O Opal diffuser. IP54. UGR22
Ref. T Transparent diffuser. IP54. UGR19
Without diffuser. IP20. UGR19

Elit HR Mini



Compatible with **NormaLINK**

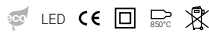
	W	K	LUMEN	COLOUR	
EDI83DB	1x54,6W	3000	8020 lm	○	1,6
EDI83DG	1x54,6W	3000	8020 lm	●	1,6
EDI83DN	1x54,6W	3000	8020 lm	●	1,6
EDI83DOB	1x54,6W	3000	8020 lm	○	1,6
EDI83DOG	1x54,6W	3000	8020 lm	●	1,6
EDI83DON	1x54,6W	3000	8020 lm	●	1,6
EDI83DTB	1x54,6W	3000	8020 lm	○	1,6
EDI83DTG	1x54,6W	3000	8020 lm	●	1,6
EDI83DTN	1x54,6W	3000	8020 lm	●	1,6
EDI84DB	1x54,6W	4000	8450 lm	○	1,6
EDI84DG	1x54,6W	4000	8450 lm	●	1,6
EDI84DN	1x54,6W	4000	8450 lm	●	1,6
EDI84DOB	1x54,6W	4000	8450 lm	○	1,6
EDI84DOG	1x54,6W	4000	8450 lm	●	1,6
EDI84DON	1x54,6W	4000	8450 lm	●	1,6
EDI84DTB	1x54,6W	4000	8450 lm	○	1,6
EDI84DTG	1x54,6W	4000	8450 lm	●	1,6
EDI84DTN	1x54,6W	4000	8450 lm	●	1,6

Ref. O Opal diffuser. IP54. UGR22
 Ref. T Transparent diffuser. IP54. UGR19
 Without diffuser. IP20. UGR19

Elit Mini



Ceiling recessed
mounted



IP **20-54** With opal diffuser/
transparent

CRI **>80**

UGR **19**

90-96°

Expectancy
60000 h.
L70B10

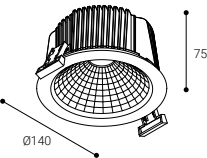
Efficiency (%)
97,6

Photobiological safety

RG0	Risk free
RG1*	1 Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

Go to page 286 to learn more



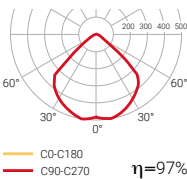
Minimum ceiling
installation height
127

Diameter range
Ø128-135

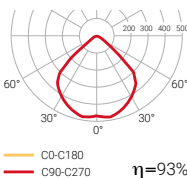
Ideal cut out
Ø130
Circular cut

- RAL9016
- RAL7001
- RAL9005

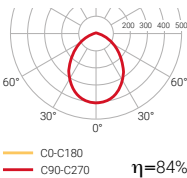
Without diffuser



Transparent diffuser



Opal diffuser



	W	K	LUMEN	COLOUR	
EM13B	1x14W	3000	1350 lm	○	0,6
EM13G	1x14W	3000	1350 lm	●	0,6
EM13N	1x14W	3000	1350 lm	●	0,6
EM130B	1x14W	3000	1350 lm	○	0,6
EM130G	1x14W	3000	1350 lm	●	0,6
EM130N	1x14W	3000	1350 lm	●	0,6
EM13TB	1x14W	3000	1350 lm	○	0,6
EM13TG	1x14W	3000	1350 lm	●	0,6
EM13TN	1x14W	3000	1350 lm	●	0,6
EM14B	1x14W	4000	1490 lm	○	0,6
EM14G	1x14W	4000	1490 lm	●	0,6
EM14N	1x14W	4000	1490 lm	●	0,6
EM140B	1x14W	4000	1490 lm	○	0,6
EM140G	1x14W	4000	1490 lm	●	0,6
EM140N	1x14W	4000	1490 lm	●	0,6
EM14TB	1x14W	4000	1490 lm	○	0,6
EM14TG	1x14W	4000	1490 lm	●	0,6
EM14TN	1x14W	4000	1490 lm	●	0,6

Ref. O Opal diffuser. IP54. UGR22
Ref. T Transparent diffuser. IP54. UGR19
Without diffuser. IP20. UGR19

Elit Mini



Compatible with **NormaLINK**



Transparent diffuser



Opal diffuser

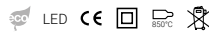
	W	K	LUMEN	COLOUR	
EM13DB	1x14W	3000	1350 lm	○	0,6
EM13DG	1x14W	3000	1350 lm	●	0,6
EM13DN	1x14W	3000	1350 lm	●	0,6
EM13DOB	1x14W	3000	1350 lm	○	0,6
EM13DOG	1x14W	3000	1350 lm	●	0,6
EM13DON	1x14W	3000	1350 lm	●	0,6
EM13DTB	1x14W	3000	1350 lm	○	0,6
EM13DTG	1x14W	3000	1350 lm	●	0,6
EM13DTN	1x14W	3000	1350 lm	●	0,6
EM14DB	1x14W	4000	1490 lm	○	0,6
EM14DG	1x14W	4000	1490 lm	●	0,6
EM14DN	1x14W	4000	1490 lm	●	0,6
EM14DOB	1x14W	4000	1490 lm	○	0,6
EM14DOG	1x14W	4000	1490 lm	●	0,6
EM14DON	1x14W	4000	1490 lm	●	0,6
EM14DTB	1x14W	4000	1490 lm	○	0,6
EM14DTG	1x14W	4000	1490 lm	●	0,6
EM14DTN	1x14W	4000	1490 lm	●	0,6

Ref. O Opal diffuser. IP54. UGR22
 Ref. T Transparent diffuser. IP54. UGR19
 Without diffuser. IP20. UGR19

Elit Micro



Ceiling recessed
mounted



IP 20-54 With opal diffuser/
transparent

CRI >80 UGR 19

88-94°

Expectancy
60000 h.
L70B10

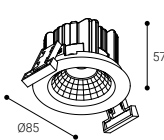
Efficiency (%)
92,9

Photobiological safety

RG0	Risk free
RG1*	1 Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

Go to page 286 to learn more

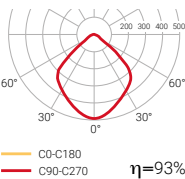


Minimum ceiling
installation height
110

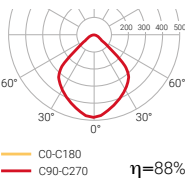
Diameter range
Ø74-80
Ideal cut out
Ø78
Circular cut

- RAL9016
- RAL7001
- RAL9005

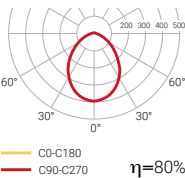
Without diffuser



Transparent diffuser



Opal diffuser



Ref. O Opal diffuser. IP54. UGR22
Ref. T Transparent diffuser. IP54. UGR19
Without diffuser. IP20. UGR19

	W	K	LUMEN	COLOUR	kg
EP03B	1x6,4W	3000	760 lm	○	0,3
EP03G	1x6,4W	3000	760 lm	●	0,3
EP03N	1x6,4W	3000	760 lm	●	0,3
EP03OB	1x6,4W	3000	760 lm	○	0,3
EP03OG	1x6,4W	3000	760 lm	●	0,3
EP03ON	1x6,4W	3000	760 lm	●	0,3
EP03TB	1x6,4W	3000	760 lm	○	0,3
EP03TG	1x6,4W	3000	760 lm	●	0,3
EP03TN	1x6,4W	3000	760 lm	●	0,3
EP04B	1x6,4W	4000	885 lm	○	0,3
EP04G	1x6,4W	4000	885 lm	●	0,3
EP04N	1x6,4W	4000	885 lm	●	0,3
EP04OB	1x6,4W	4000	885 lm	○	0,3
EP04OG	1x6,4W	4000	885 lm	●	0,3
EP04ON	1x6,4W	4000	885 lm	●	0,3
EP04TB	1x6,4W	4000	885 lm	○	0,3
EP04TG	1x6,4W	4000	885 lm	●	0,3
EP04TN	1x6,4W	4000	885 lm	●	0,3

Elit Micro



Compatible with **NormaLINK**



Transparent diffuser



Opal diffuser

	W	K	LUMEN	COLOUR	
EP03DB	1x6,4W	3000	760 lm	○	0,3
EP03DG	1x6,4W	3000	760 lm	●	0,3
EP03DN	1x6,4W	3000	760 lm	●	0,3
EP03DOB	1x6,4W	3000	760 lm	○	0,3
EP03DOG	1x6,4W	3000	760 lm	●	0,3
EP03DON	1x6,4W	3000	760 lm	●	0,3
EP03DTB	1x6,4W	3000	760 lm	○	0,3
EP03DTG	1x6,4W	3000	760 lm	●	0,3
EP03DTN	1x6,4W	3000	760 lm	●	0,3
EP04DB	1x6,4W	4000	885 lm	○	0,3
EP04DG	1x6,4W	4000	885 lm	●	0,3
EP04DN	1x6,4W	4000	885 lm	●	0,3
EP04DOB	1x6,4W	4000	885 lm	○	0,3
EP04DOG	1x6,4W	4000	885 lm	●	0,3
EP04DON	1x6,4W	4000	885 lm	●	0,3
EP04DTB	1x6,4W	4000	885 lm	○	0,3
EP04DTG	1x6,4W	4000	885 lm	●	0,3
EP04DTN	1x6,4W	4000	885 lm	●	0,3

Ref. O Opal diffuser. IP54. UGR22
Ref. T Transparent diffuser. IP54. UGR19
Without diffuser. IP20. UGR19



Nahika

NAHIKA is a range of downlights available in three sizes in rounded or square formats.

They incorporate a high-performance aluminium heat sink which optimises the efficiency of the set.

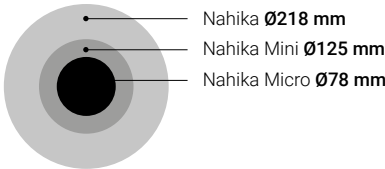
Installation frame manufactured in aluminium and decorative frame in technical plastic. A wallwasher version is also available.

Ceiling installation is achieved by means of a simple worm gear lock and aluminium anchor system.

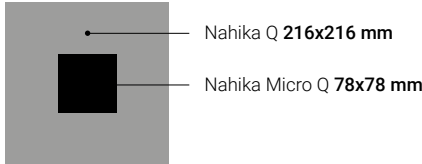
Five versions



Circular cut



Square cut



	Nahika	Nahika Q	Nahika Mini	Nahika Micro	Nahika Micro Q
Installation	Ceiling recessed mounted	Ceiling recessed mounted	Ceiling recessed mounted	Ceiling recessed mounted	Ceiling recessed mounted
Diffuser	  	  	  	  	  
Light source	LED	LED	LED	LED	LED
Photobiological safety	1	1	1	1	1
UGR	19	19	19	19	19
CRI	>80-90	>80-90	>80	>80	>80
MacAdam ellipse	3	3	4	4	4
Beam angle range	95-99	95	90-96	32-51	32-51
Power range (W)	17,4-54,6	17,4-54,6	14	14	14
Colour temperature (°K)	3000 4000 5000	3000 4000 5000	3000 4000	3000 4000	3000 4000
Light range	2315-8450	2315-8450	1350-1490	1350-1490	1350-1490
Power factor	0,95	0,95	0,95	0,95	0,95
Efficiency (%)	95,4	95	97,6	92,2	92,2
Expectancy	60000 h L70B10	60000 h L70B10	60000 h L70B10	60000 h L70B10	60000 h L70B10
DALI Option	✓	✓	✓	✓	✓
Continuous function 24h	✓	✓	✓	✓	✓
IP	20-54	20-54	20-54	20	20
Class	II	II	II	II	II
Ideal cut out (mm)	218	216x216	125	78	78x78

 Without diffuser  Opal diffuser  Transparent diffuser

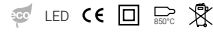
 For other CRI values, please contact us.



Nahika



Ceiling recessed
mounted



IP
20-54 With opal diffuser/
transparent

CRI
>80-90

UGR
19

95-99°

Expectancy
60000 h.
L70B10

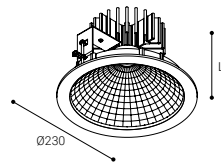
Efficiency (%)
95,4

Photobiological safety

RG0	Risk free
RG1*	1 Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

Go to page 286 to learn more

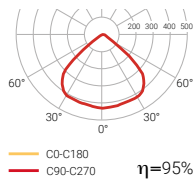


WLR3: L=110
WLR4: L=130
WLR5: L=150
WLR6: L=190
WLRFB/F/M: L=150

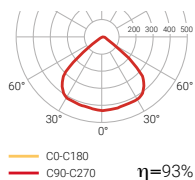
Ideal cut out
Ø218
Circular cut

○ RAL9016

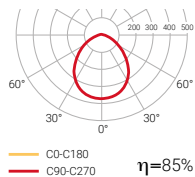
Without diffuser



Transparent diffuser



Opal diffuser



	W	K	LUMEN	COLOUR	⚠
WLR33B	1x17,4W	3000	2650 lm	○	1,3
WLR33OB	1x17,4W	3000	2650 lm	○	1,5
WLR33TB	1x17,4W	3000	2650 lm	○	1,5
WLR34B	1x17,4W	4000	2850 lm	○	1,3
WLR34OB	1x17,4W	4000	2850 lm	○	1,5
WLR34TB	1x17,4W	4000	2850 lm	○	1,5
WLR43B	1x25,1W	3000	3580 lm	○	1,5
WLR43OB	1x25,1W	3000	3580 lm	○	1,6
WLR43TB	1x25,1W	3000	3580 lm	○	1,6
WLR44B	1x25,1W	4000	3780 lm	○	1,5
WLR44OB	1x25,1W	4000	3780 lm	○	1,6
WLR44TB	1x25,1W	4000	3780 lm	○	1,6
WLR53B	1x39,4W	3000	4750 lm	○	1,5
WLR53OB	1x39,4W	3000	4750 lm	○	1,6
WLR53TB	1x39,4W	3000	4750 lm	○	1,6
WLR54B	1x39,4W	4000	4980 lm	○	1,5
WLR54OB	1x39,4W	4000	4980 lm	○	1,6
WLR54TB	1x39,4W	4000	4980 lm	○	1,6
WLR63B	1x35,2W	3000	5800 lm	○	1,5
WLR63OB	1x35,2W	3000	5800 lm	○	1,5
WLR63TB	1x35,2W	3000	5800 lm	○	1,5
WLR64B	1x35,2W	4000	6100 lm	○	1,5
WLR64OB	1x35,2W	4000	6100 lm	○	1,5
WLR64TB	1x35,2W	4000	6100 lm	○	1,5
WLR83B	1x54,6W	3000	8020 lm	○	1,5
WLR83OB	1x54,6W	3000	8020 lm	○	1,6
WLR83TB	1x54,6W	3000	8020 lm	○	1,6
WLR84B	1x54,6W	4000	8450 lm	○	1,5
WLR84OB	1x54,6W	4000	8450 lm	○	1,6
WLR84TB	1x54,6W	4000	8450 lm	○	1,5

Ref. O Opal diffuser. IP54. UGR22
Ref. T Transparent diffuser. IP54. UGR19
Without diffuser. IP20. UGR19

Nahika



Compatible with **NormaLINK**

	W	K	LUMEN	COLOUR	
WLR33DB	1x17,4W	3000	2650 lm	○	1,3
WLR33DOB	1x17,4W	3000	2650 lm	○	1,5
WLR33DTB	1x17,4W	3000	2650 lm	○	1,5
WLR34DB	1x17,4W	4000	2850 lm	○	1,3
WLR34DOB	1x17,4W	4000	2850 lm	○	1,5
WLR34DTB	1x17,4W	4000	2850 lm	○	1,5
WLR43DB	1x25,1W	3000	3580 lm	○	1,5
WLR43DOB	1x25,1W	3000	3580 lm	○	1,6
WLR43DTB	1x25,1W	3000	3580 lm	○	1,6
WLR44DB	1x25,1W	4000	3780 lm	○	1,5
WLR44DOB	1x25,1W	4000	3780 lm	○	1,6
WLR44DTB	1x25,1W	4000	3780 lm	○	1,6
WLR53DB	1x39,4W	3000	4750 lm	○	1,5
WLR53DOB	1x39,4W	3000	4750 lm	○	1,6
WLR53DTB	1x39,4W	3000	4750 lm	○	1,6
WLR54DB	1x39,4W	4000	4980 lm	○	1,5
WLR54DOB	1x39,4W	4000	4980 lm	○	1,6
WLR54DTB	1x39,4W	4000	4980 lm	○	1,6
WLR63DB	1x35,2W	3000	5800 lm	○	1,5
WLR63DOB	1x35,2W	3000	5800 lm	○	1,5
WLR63DTB	1x35,2W	3000	5800 lm	○	1,5
WLR64DB	1x35,2W	4000	6100 lm	○	1,5
WLR64DOB	1x35,2W	4000	6100 lm	○	1,5
WLR64DTB	1x35,2W	4000	6100 lm	○	1,5
WLR83DB	1x54,6W	3000	8020 lm	○	1,5
WLR83DOB	1x54,6W	3000	8020 lm	○	1,6
WLR83DTB	1x54,6W	3000	8020 lm	○	1,6
WLR84DB	1x54,6W	4000	8450 lm	○	1,5
WLR84DOB	1x54,6W	4000	8450 lm	○	1,6
WLR84DTB	1x54,6W	4000	8450 lm	○	1,6

Ref. O Opal diffuser. IP54. UGR22
 Ref. T Transparent diffuser. IP54. UGR19
 Without diffuser. IP20. UGR19



SPECIAL COLOUR TEMPERATURE FOR FOOD INDUSTRY

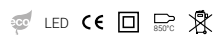
LEDS FOOD						
		W	K	LUMEN	COLOUR	
WLRBB		1x29,9W	3000	2540 lm		1,5
WLRFB		1x25,5W	5000	3250 lm		1,5
WLRMB		1x39,4W	4000	2315 lm		1,5

Led Bread	Led Fish	Led Meat
WLRBB 3000K 2540 lm CRI 85	WLRFB 5000K 3250 lm CRI 90	WLRMB 4000K 2315 lm CRI 82

Nahika Q



Ceiling recessed
mounted



IP
20-54 With opal diffuser/
transparent

CRI
>80-90

UGR
19

95°

Expectancy
60000 h.
L70B10

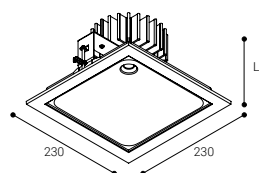
Efficiency (%)
95

Photobiological safety

RG0	Risk free
RG1*	1 Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

Go to page 286 to learn more



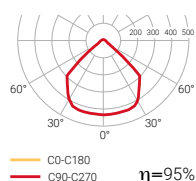
WLQ3: L=110
WLQ4: L=130
WLQ5: L=150
WLQ6: L=190
WLQBB/FB/MB: L=150



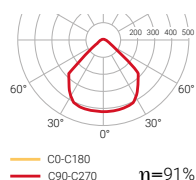
Ideal cut out
216x216
Square cut

○ RAL9016

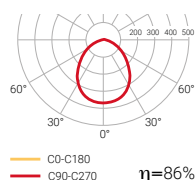
Without diffuser



Transparent diffuser



Opal diffuser



	W	K	LUMEN	COLOUR	kg
WLQ33B	1x17,4W	3000	2650 lm	○	1,5
WLQ33OB	1x17,4W	3000	2650 lm	○	1,5
WLQ33TB	1x17,4W	3000	2650 lm	○	1,5
WLQ34B	1x17,4W	4000	2850 lm	○	1,3
WLQ34OB	1x17,4W	4000	2850 lm	○	1,5
WLQ34TB	1x17,4W	4000	2850 lm	○	1,5
WLQ43B	1x25,1W	3000	3580 lm	○	1,5
WLQ43OB	1x25,1W	3000	3580 lm	○	1,6
WLQ43TB	1x25,1W	3000	3580 lm	○	1,6
WLQ44B	1x25,1W	4000	3780 lm	○	1,5
WLQ44OB	1x25,1W	4000	3780 lm	○	1,6
WLQ44TB	1x25,1W	4000	3780 lm	○	1,6
WLQ53B	1x39,4W	3000	4750 lm	○	1,5
WLQ53OB	1x39,4W	3000	4750 lm	○	1,6
WLQ53TB	1x39,4W	3000	4750 lm	○	1,6
WLQ54B	1x39,4W	4000	4980 lm	○	1,6
WLQ54OB	1x39,4W	4000	4980 lm	○	1,6
WLQ54TB	1x39,4W	4000	4980 lm	○	1,6
WLQ63B	1x35,2W	3000	5800 lm	○	1,5
WLQ63OB	1x35,2W	3000	5800 lm	○	1,5
WLQ63TB	1x35,2W	3000	5800 lm	○	1,5
WLQ64B	1x35,2W	4000	6100 lm	○	1,5
WLQ64OB	1x35,2W	4000	6100 lm	○	1,5
WLQ64TB	1x35,2W	4000	6100 lm	○	1,5
WLQ83B	1x54,6W	3000	8020 lm	○	1,5
WLQ83OB	1x54,6W	3000	8020 lm	○	1,6
WLQ83TB	1x54,6W	3000	8020 lm	○	1,6
WLQ84B	1x54,6W	4000	8450 lm	○	1,5
WLQ84OB	1x54,6W	4000	8450 lm	○	1,6
WLQ84TB	1x54,6W	4000	8450 lm	○	1,6

Ref. O Opal diffuser. IP54. UGR22

Ref. T Transparent diffuser. IP54. UGR19

Without diffuser. IP20. UGR19

Nahika Q



Compatible with **NormaLINK**

	W	K	LUMEN	COLOUR	
WLQ33DB	1x17,4W	3000	2650 lm	○	1,3
WLQ33DOB	1x17,4W	3000	2650 lm	○	1,5
WLQ33DTB	1x17,4W	3000	2650 lm	○	1,5
WLQ34DB	1x17,4W	4000	2850 lm	○	1,3
WLQ34DOB	1x17,4W	4000	2850 lm	○	1,5
WLQ34DTB	1x17,4W	4000	2850 lm	○	1,5
WLQ43DB	1x25,1W	3000	3580 lm	○	1,5
WLQ43DOB	1x25,1W	3000	3580 lm	○	1,6
WLQ43DTB	1x25,1W	3000	3580 lm	○	1,6
WLQ44DB	1x25,1W	4000	3780 lm	○	1,5
WLQ44DOB	1x25,1W	4000	3780 lm	○	1,6
WLQ44DTB	1x25,1W	4000	3780 lm	○	1,6
WLQ53DB	1x39,4W	3000	4750 lm	○	1,5
WLQ53DOB	1x39,4W	3000	4750 lm	○	1,6
WLQ53DTB	1x39,4W	3000	4750 lm	○	1,6
WLQ54DB	1x39,4W	4000	4980 lm	○	1,6
WLQ54DOB	1x39,4W	4000	4980 lm	○	1,6
WLQ54DTB	1x39,4W	4000	4980 lm	○	1,6
WLQ63DB	1x35,2W	3000	5800 lm	○	1,5
WLQ63DOB	1x35,2W	3000	5800 lm	○	1,5
WLQ63DTB	1x35,2W	3000	5800 lm	○	1,5
WLQ64DB	1x35,2W	4000	6100 lm	○	1,5
WLQ64DOB	1x35,2W	4000	6100 lm	○	1,5
WLQ64DTB	1x35,2W	4000	6100 lm	○	1,5
WLQ83DB	1x54,6W	3000	8020 lm	○	1,5
WLQ83DOB	1x54,6W	3000	8020 lm	○	1,6
WLQ83DTB	1x54,6W	3000	8020 lm	○	1,6
WLQ84DB	1x54,6W	4000	8450 lm	○	1,5
WLQ84DOB	1x54,6W	4000	8450 lm	○	1,6
WLQ84DTB	1x54,6W	4000	8450 lm	○	1,6

Ref. O Opal diffuser. IP54. UGR22
 Ref. T Transparent diffuser. IP54. UGR19
 Without diffuser. IP20. UGR19



SPECIAL COLOUR TEMPERATURE FOR FOOD INDUSTRY

LEDS FOOD						
		W	K	LUMEN	COLOUR	
WLQBB		1x29,9W	3000	2540 lm		1,5
WLQFB		1x25,5W	5000	3250 lm		1,5
WLQMB		1x39,4W	4000	2315 lm		1,5

Led
Bread



WLQBB
 3000K
 2540 lm
 CRI 85

Led
Fish



WLQFB
 5000K
 3250 lm
 CRI 90

Led
Meat



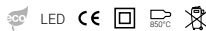
WLQMB
 4000K
 2315 lm
 CRI 82



Nahika Mini



Ceiling recessed
mounted



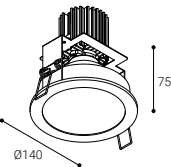
IP 20-54 With opal diffuser/
transparent

CRI >80 UGR 19 90-96°

Expectancy 60000 h. L70B10 Efficiency (%) 97,6

Photobiological safety
RG0 Risk free
RG1* 1 Low risk
RG2 Moderate risk
RG3 High risk
*Time under 3 h.

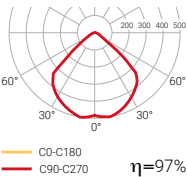
Go to page 286 to learn more



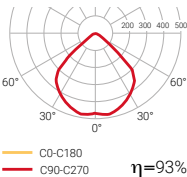
Ideal cut out
Ø125
Circular cut

○ RAL9016

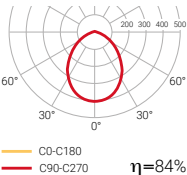
Without diffuser



Transparent diffuser



Opal diffuser



	W	K	LUMEN	COLOUR	η ₉₀
WLMR13B	1x14W	3000	1350 lm	○	1,1
WLMR13OB	1x14W	3000	1350 lm	○	1,1
WLMR13TB	1x14W	3000	1350 lm	○	1,1
WLMR14B	1x14W	4000	1490 lm	○	1,1
WLMR14OB	1x14W	4000	1490 lm	○	1,1
WLMR14TB	1x14W	4000	1490 lm	○	1,1



Compatible with **NormaLINK**

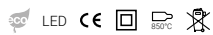
	W	K	LUMEN	COLOUR	η ₉₀
WLMR13DB	1x14W	3000	1350 lm	○	1,1
WLMR13DOB	1x14W	3000	1350 lm	○	1,1
WLMR13DTB	1x14W	3000	1350 lm	○	1,1
WLMR14DB	1x14W	4000	1490 lm	○	1,1
WLMR14DOB	1x14W	4000	1490 lm	○	1,1
WLMR14DTB	1x14W	4000	1490 lm	○	1,1

Ref. O Opal diffuser. IP54. UGR22
Ref. T Transparent diffuser. IP54. UGR19
Without diffuser. IP20. UGR19

Nahika Micro



Ceiling recessed
mounted



IP
20

CRI
>80

UGR
19

32-51°

Expectancy
60000 h.
L70B10

Efficiency (%)
92,2

Photobiological safety

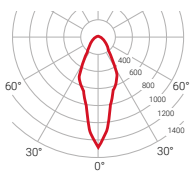
RG0	Risk free
RG1*	1 Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

○ RAL9016
● RAL9005

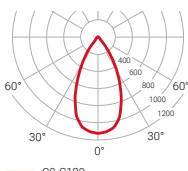
Go to page 286 to learn more

Intensive optics



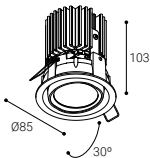
— C0-C180
— C90-C270 $\eta=92\%$

Extensive optics



— C0-C180
— C90-C270 $\eta=88\%$

WLPRB



Ideal cut out
Ø78
Circular cut

SWIVELLING / INTENSIVE OPTICS

	W	K	LUMEN	COLOUR	
WLPRB13B	1x14W	3000	1350 lm	○	0,6
WLPRB13N	1x14W	3000	1350 lm	●	0,6
WLPRB14B	1x14W	4000	1490 lm	○	0,6
WLPRB14N	1x14W	4000	1490 lm	●	0,6

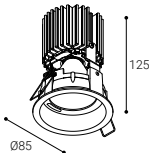


Compatible with **NormaLINK**

	W	K	LUMEN	COLOUR	
WLPRB13DB	1x14W	3000	1350 lm	○	0,6
WLPRB13DN	1x14W	3000	1350 lm	●	0,6
WLPRB14DB	1x14W	4000	1490 lm	○	0,6
WLPRB14DN	1x14W	4000	1490 lm	●	0,6

Nahika Micro

WLPRF



Ideal cut out
Ø78
Circular cut

FIXED / INTENSIVE OPTICS

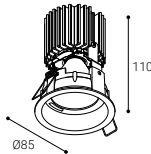
	W	K	LUMEN	COLOUR	
WLPRF13B	1x14W	3000	1350 lm	○	0,5
WLPRF13N	1x14W	3000	1350 lm	●	0,5
WLPRF14B	1x14W	4000	1490 lm	○	0,5
WLPRF14N	1x14W	4000	1490 lm	●	0,5



Compatible with **NormaLINK** 

	W	K	LUMEN	COLOUR	
WLPRF13DB	1x14W	3000	1350 lm	○	0,5
WLPRF13DN	1x14W	3000	1350 lm	●	0,5
WLPRF14DB	1x14W	4000	1490 lm	○	0,5
WLPRF14DN	1x14W	4000	1490 lm	●	0,5

WLPRF...F



Ideal cut out
Ø78
Circular cut

FIXED / EXTENSIVE OPTICS

	W	K	LUMEN	COLOUR	
WLPRF13FB	1x14W	3000	1350 lm	○	0,5
WLPRF13FN	1x14W	3000	1350 lm	●	0,5
WLPRF14FB	1x14W	4000	1490 lm	○	0,5
WLPRF14FN	1x14W	4000	1490 lm	●	0,5



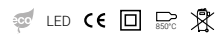
Compatible with **NormaLINK** 

	W	K	LUMEN	COLOUR	
WLPRF13FDB	1x14W	3000	1350 lm	○	0,5
WLPRF13FDN	1x14W	3000	1350 lm	●	0,5
WLPRF14FDB	1x14W	4000	1490 lm	○	0,5
WLPRF14FDN	1x14W	4000	1490 lm	●	0,5

Nahika Micro Q



Ceiling recessed
mounted



IP
20

CRI
>80

UGR
19

32-51°

Expectancy
60000 h.
L70B10

Efficiency (%)
92,2

Photobiological safety

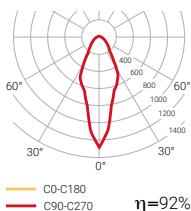
RG0	Risk free
RG1*	1 Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

○ RAL9016
● RAL9005

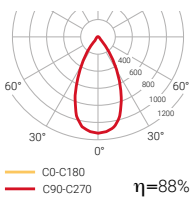
Go to page 286 to learn more

Intensive optics



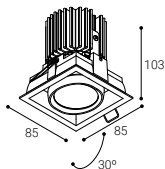
$\eta=92\%$

Extensive optics



$\eta=88\%$

WLPQB



Ideal cut out
78x78
Square cut

SWIVELLING / INTENSIVE OPTICS

	W	K	LUMEN	COLOUR	
WLPQB13B	1x14W	3000	1350 lm	○	0,6
WLPQB13N	1x14W	3000	1350 lm	●	0,6
WLPQB14B	1x14W	4000	1490 lm	○	0,6
WLPQB14N	1x14W	4000	1490 lm	●	0,6

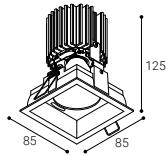


Compatible with **NormaLINK**

	W	K	LUMEN	COLOUR	
WLPQB13DB	1x14W	3000	1350 lm	○	0,6
WLPQB13DN	1x14W	3000	1350 lm	●	0,6
WLPQB14DB	1x14W	4000	1490 lm	○	0,6
WLPQB14DN	1x14W	4000	1490 lm	●	0,6

Nahika Micro Q

WLPQF



Ideal cut out
78x78
Square cut

FIXED / INTENSIVE OPTICS

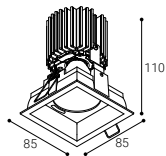
	W	K	LUMEN	COLOUR	
WLPQF13B	1x14W	3000	1350 lm	○	0,6
WLPQF13N	1x14W	3000	1350 lm	●	0,6
WLPQF14B	1x14W	4000	1490 lm	○	0,6
WLPQF14N	1x14W	4000	1490 lm	●	0,6



Compatible with **NormaLINK** 

	W	K	LUMEN	COLOUR	
WLPQF13DB	1x14W	3000	1350 lm	○	0,6
WLPQF13DN	1x14W	3000	1350 lm	●	0,6
WLPQF14DB	1x14W	4000	1490 lm	○	0,6
WLPQF14DN	1x14W	4000	1490 lm	●	0,6

WLPQF...F



Ideal cut out
78x78
Square cut

FIXED / EXTENSIVE OPTICS

	W	K	LUMEN	COLOUR	
WLPQF13FB	1x14W	3000	1350 lm	○	0,6
WLPQF13FN	1x14W	3000	1350 lm	●	0,6
WLPQF14FB	1x14W	4000	1490 lm	○	0,6
WLPQF14FN	1x14W	4000	1490 lm	●	0,6



Compatible with **NormaLINK** 

	W	K	LUMEN	COLOUR	
WLPQF13FDB	1x14W	3000	1350 lm	○	0,6
WLPQF13FDN	1x14W	3000	1350 lm	●	0,6
WLPQF14FDB	1x14W	4000	1490 lm	○	0,6
WLPQF14FDN	1x14W	4000	1490 lm	●	0,6



New

Kuiper

KUIPER is a compact recessed downlight with a diameter of 200mm and a height of 57mm. It has an aluminum heatsink, opal prismatic polycarbonate diffuser and ABS reflector. It is available in standard and DALI versions.

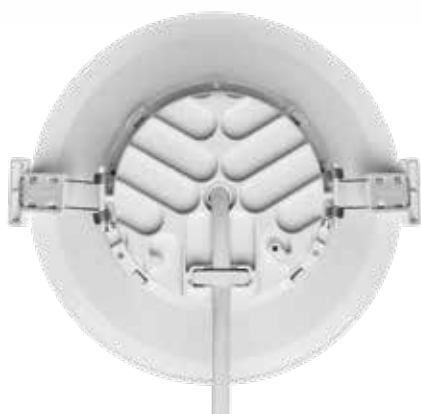
Kuiper

Installation	Ceiling recessed mounted
Diffuser	○
Light source	LED
Photobiological safety	0
UGR	22
CRI	>80
MacAdam ellipse	3
Beam angle range	105
Power range (W)	13
Colour temperature (°K)	3000-5000
Light range	1750-1880
Power factor	0,97
Efficiency (%)	61,8
Expectancy	72000 h L70B10
DALI Option	✓
Continuous function 24h	✓
IP	20-54
Class	II

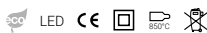
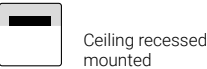
○ Opal diffuser



190mm cut out to replace standard 2 x 26w downlights



Kuiper



IP 20-54 With opal diffuser/transparent

CRI >80 UGR 22 105°

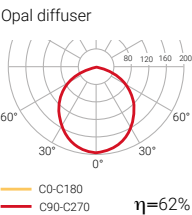
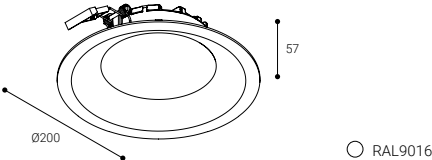
Expectancy 72000 h. L70B10 Efficiency (%) 61,8

Photobiological safety

RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

Go to page 286 to learn more



	W	K	LUMEN	COLOUR		PACKAGING
K23B	1x13W	3000	1750 lm	○	0,3	20
K24B	1x13W	4000	1850 lm	○	0,3	20
K25B	1x13W	5000	1880 lm	○	0,3	20



Compatible with **NormaLINK**

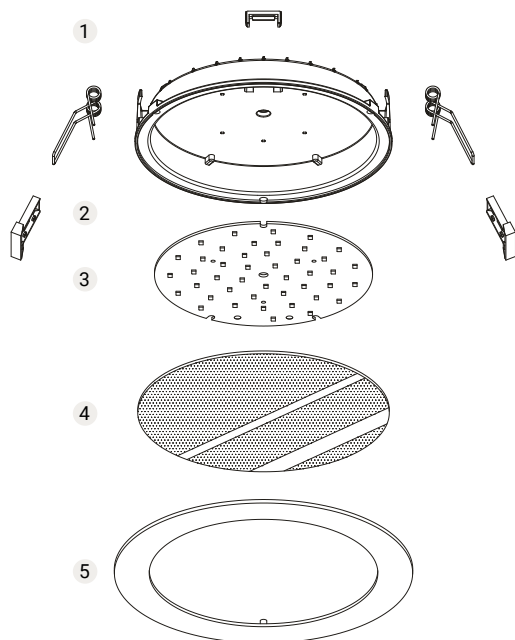
	W	K	LUMEN	COLOUR		PACKAGING
K23DB	1x13W	3000	1750 lm	○	0,3	20
K24DB	1x13W	4000	1850 lm	○	0,3	20
K25DB	1x13W	5000	1880 lm	○	0,3	20

Hat

Hat is the latest generation of LED Downlights: With only 44mm height and a performance of 75% it can reach up to 2.400 lumen output.

HAT is a compact downlight of high efficiency, with DALI version available and EH1 50.000h L70B10 / EH2 70.000h L70B10 life expectancy.

As a new product within the HAT family, HAT HR is a revision of the popular Normalit downlight. A new design that keeps the original essence and has a lower glare.



- 1 Aluminium heat sink
- 2 Fixing clamps
- 3 SMD LED board
- 4 Microprismatic diffuser
- 5 Customisable aluminium ring

	Hat	Hat HR
Installation	Ceiling recessed mounted	Ceiling recessed mounted
Diffuser	*	*
Light source	LED	LED
Photobiological safety	0	0
UGR	22	21
CRI	>80	>80
MacAdam ellipse	3	3
Beam angle range	84	84
Power range (W)	13-20,5	13-20,5
Colour temperature (°K)	3000 6000	2700 6500
Light range	1500-2430	1500-2600
Power factor	0,95	0,95
Efficiency (%)	75,1	75,1
Expectancy	50000-72000 h L70B10	50000-72000 h L70B10
DALI Option	✓	✓
Continuous function 24h	✓	✓
IP	20-54	20-54
Class	II	II
Ideal cut out (mm)	210	215

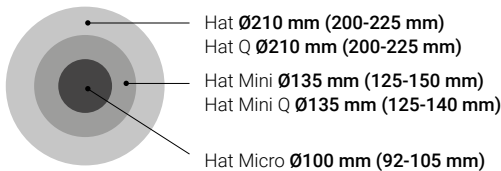
Microprismatic diffuser * Opal diffuser on order

Five versions

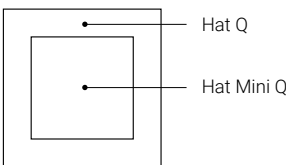


Cut outs

Circular cut



Square frame



It is available in
SALUZ version, page 74



44 mm

Compact

Hat Q

Hat Mini

Hat Mini Q

Hat Micro

Ceiling recessed mounted

Ceiling recessed mounted

Ceiling recessed mounted

Ceiling recessed mounted



LED

LED

LED

LED

0

0

0

0

22

22

22

22

>80

>80

>80

>80

3

3

3

3

84

84

84

84

20,5

10,9

10,9

4,8

3000 | 6000

3000 | 6000

3000 | 6000

3000 | 6000

2300-2435

1400-1520

1400-1520

460-510

0,95

0,5

0,5

0,95

75,1

69,2

69,2

75,1

72000 h L70B10

72000 h L70B10

72000 h L70B10

50000 h L70B10

✓

✓

✓

–

✓

✓

✓

✓

20-54

20-54

20-54

20-54

II

II

II

I

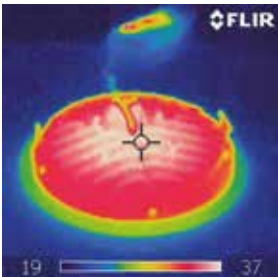
210

135

135

100

Now
also in temperature
5000°K



Please, ask for the
technical datasheets of all
the luminaires.

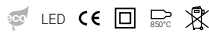


For other CRI values, please contact us.

Hat



Ceiling recessed
mounted



IP
20-54

CRI
>80

UGR
22

84°

Expectancy
EH1: **50000 h.**
EH2: **72000 h.**
L70B10

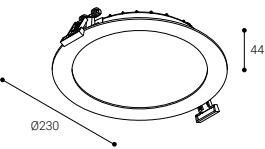
Efficiency (%)
75,1

Photobiological safety

RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

Go to page 286 to learn more

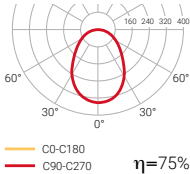


Minimum ceiling
installation height
94

Diameter range
Ø200-225
Ideal cut out
Ø210
Circular cut

- RAL9016
- RAL7001
- RAL9005

Microprismatic diffuser



NUMBER OF FITTINGS NEEDED
FOR A STANDARD INSTALLATION

EH24

	200 lx	300 lx	500 lx
50 m ²	6	8	14
100 m ²	9	16	25
150 m ²	16	20	36
200 m ²	20	30	46

Height used for the calculation: 2,8 m

	W	K	LUMEN	COLOUR		PACKAGING
EH13B	1x13W	3000	1500 lm	○	0,8	18
EH13G	1x13W	3000	1500 lm	●	0,8	18
EH13N	1x13W	3000	1500 lm	●	0,8	18
EH14B	1x13W	4000	1600 lm	○	0,8	18
EH14G	1x13W	4000	1600 lm	●	0,8	18
EH14N	1x13W	4000	1600 lm	●	0,8	18
EH15B	1x13W	5000	1625 lm	○	0,8	18
EH15G	1x13W	5000	1625 lm	●	0,8	18
EH15N	1x13W	5000	1625 lm	●	0,8	18
EH16B	1x13W	6000	1625 lm	○	0,8	18
EH16G	1x13W	6000	1625 lm	●	0,8	18
EH16N	1x13W	6000	1625 lm	●	0,8	18
EH23B	1x20,5W	3000	2300 lm	○	0,8	18
EH23G	1x20,5W	3000	2300 lm	●	0,8	18
EH23N	1x20,5W	3000	2300 lm	●	0,8	18
EH24B	1x20,5W	4000	2400 lm	○	0,8	18
EH24G	1x20,5W	4000	2400 lm	●	0,8	18
EH24N	1x20,5W	4000	2400 lm	●	0,8	18
EH25B	1x20,5W	5000	2430 lm	○	0,8	18
EH25G	1x20,5W	5000	2430 lm	●	0,8	18
EH25N	1x20,5W	5000	2430 lm	●	0,8	18
EH26B	1x20,5W	6000	2435 lm	○	0,8	18
EH26G	1x20,5W	6000	2435 lm	●	0,8	18
EH26N	1x20,5W	6000	2435 lm	●	0,8	18

Hat



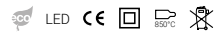
Compatible with **NormaLINK**

	W	K	LUMEN	COLOUR	DALI	PACKAGING
EH13DB	1x13W	3000	1500 lm	○	1,0	18
EH13DG	1x13W	3000	1500 lm	●	1,0	18
EH13DN	1x13W	3000	1500 lm	●	1,0	18
EH14DB	1x13W	4000	1600 lm	○	1,0	18
EH14DG	1x13W	4000	1600 lm	●	1,0	18
EH14DN	1x13W	4000	1600 lm	●	1,0	18
EH15DB	1x13W	5000	1625 lm	○	1,0	18
EH15DG	1x13W	5000	1625 lm	●	1,0	18
EH15DN	1x13W	5000	1625 lm	●	1,0	18
EH16DB	1x13W	6000	1625 lm	○	1,0	18
EH16DG	1x13W	6000	1625 lm	●	1,0	18
EH16DN	1x13W	6000	1625 lm	●	1,0	18
EH23DB	1x20,5W	3000	2300 lm	○	1,0	18
EH23DG	1x20,5W	3000	2300 lm	●	1,0	18
EH23DN	1x20,5W	3000	2300 lm	●	1,0	18
EH24DB	1x20,5W	4000	2400 lm	○	1,0	18
EH24DG	1x20,5W	4000	2400 lm	●	1,0	18
EH24DN	1x20,5W	4000	2400 lm	●	1,0	18
EH25DB	1x20,5W	5000	2430 lm	○	1,0	18
EH25DG	1x20,5W	5000	2430 lm	●	1,0	18
EH25DN	1x20,5W	5000	2430 lm	●	1,0	18
EH26DB	1x20,5W	6000	2435 lm	○	1,0	18
EH26DG	1x20,5W	6000	2435 lm	●	1,0	18
EH26DN	1x20,5W	6000	2435 lm	●	1,0	18

Hat HR



Ceiling recessed
mounted



IP
20-54

CRI
>80

UGR
21

84°

Expectancy
EH1: **50000 h.**
EH2: **72000 h.**
L70B10

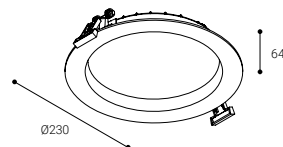
Efficiency (%)
75,1

Photobiological safety

RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

[Go to page 286 to learn more](#)

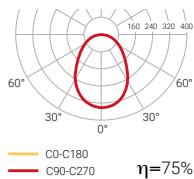


Minimum ceiling
installation height
94

Diameter range
Ø210-225
Ideal cut out
Ø215
Circular cut

○ RAL9016
● RAL7001
● RAL9005

Microprismatic diffuser



	W	K	LUMEN	COLOUR	
EH13B	1x13W	3000	1500 lm	○	0,8
EH13G	1x13W	3000	1500 lm	●	0,8
EH13N	1x13W	3000	1500 lm	●	0,8
EH14B	1x13W	4000	1600 lm	○	0,8
EH14G	1x13W	4000	1600 lm	●	0,8
EH14N	1x13W	4000	1600 lm	●	0,8
EH15B	1x13W	5000	1625 lm	○	0,8
EH15G	1x13W	5000	1625 lm	●	0,8
EH15N	1x13W	5000	1625 lm	●	0,8
EH16B	1x13W	6000	1625 lm	○	0,8
EH16G	1x13W	6000	1625 lm	●	0,8
EH16N	1x13W	6000	1625 lm	●	0,8
EH23B	1x20,5W	3000	2300 lm	○	0,8
EH23G	1x20,5W	3000	2300 lm	●	0,8
EH23N	1x20,5W	3000	2300 lm	●	0,8
EH24B	1x20,5W	4000	2400 lm	○	0,8
EH24G	1x20,5W	4000	2400 lm	●	0,8
EH24N	1x20,5W	4000	2400 lm	●	0,8
EH25B	1x20,5W	5000	2430 lm	○	0,8
EH25G	1x20,5W	5000	2430 lm	●	0,8
EH25N	1x20,5W	5000	2430 lm	●	0,8
EH26B	1x20,5W	6000	2435 lm	○	0,8
EH26G	1x20,5W	6000	2435 lm	●	0,8
EH26N	1x20,5W	6000	2435 lm	●	0,8

Hat HR



Compatible with **NormaLINK**

	W	K	LUMEN	COLOUR	
EHI13DB	1x13W	3000	1500 lm	○	0,8
EHI13DG	1x13W	3000	1500 lm	●	0,8
EHI13DN	1x13W	3000	1500 lm	●	0,8
EHI14DB	1x13W	4000	1600 lm	○	0,8
EHI14DG	1x13W	4000	1600 lm	●	0,8
EHI14DN	1x13W	4000	1600 lm	●	0,8
EHI15DB	1x13W	5000	1625 lm	○	0,8
EHI15DG	1x13W	5000	1625 lm	●	0,8
EHI15DN	1x13W	5000	1625 lm	●	0,8
EHI16DB	1x13W	6000	1625 lm	○	0,8
EHI16DG	1x13W	6000	1625 lm	●	0,8
EHI16DN	1x13W	6000	1625 lm	●	0,8
EHI23DB	1x20,5W	3000	2300 lm	○	0,8
EHI23DG	1x20,5W	3000	2300 lm	●	0,8
EHI23DN	1x20,5W	3000	2300 lm	●	0,8
EHI24DB	1x20,5W	4000	2400 lm	○	0,8
EHI24DG	1x20,5W	4000	2400 lm	●	0,8
EHI24DN	1x20,5W	4000	2400 lm	●	0,8
EHI25DB	1x20,5W	5000	2430 lm	○	0,8
EHI25DG	1x20,5W	5000	2430 lm	●	0,8
EHI25DN	1x20,5W	5000	2430 lm	●	0,8
EHI26DB	1x20,5W	6000	2435 lm	○	0,8
EHI26DG	1x20,5W	6000	2435 lm	●	0,8
EHI26DN	1x20,5W	6000	2435 lm	●	0,8



Hat HR

Hat HR salUZ®

IP
20-54

CRI
>80

UGR
21

84°

Expectancy
72000 h.
L70B10

Efficiency (%)
75,1

Photobiological safety

RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

Go to page 286 to learn more

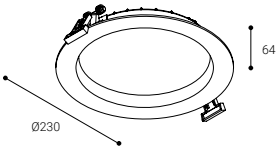


Minimum ceiling
installation height
94



Diameter range
Ø220-225

Ideal cut out
Ø215
Circular cut



- RAL9016
- RAL7001
- RAL9005

		W	K	LUMEN	COLOUR	RA
EH12ZB	●	1x17W	2700-5600	2600 lm	○	0,8
EH12ZG	●	1x17W	2700-5600	2600 lm	●	0,8
EH12ZN	●	1x17W	2700-5600	2600 lm	●	0,8
EH12TWB	●	1x17W	2700-6500	2600 lm	○	0,8
EH12TWG	●	1x17W	2700-6500	2600 lm	●	0,8
EH12TWN	●	1x17W	2700-6500	2600 lm	●	0,8

Versions

salUZ® Self-contained

Once the luminaire has been connected to mains, it automatically modifies the intensity and the tone of the light all over the day.

salUZ® Tunable white

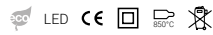
COMPATIBLE WITH NORMALINK

This version makes it possible to modify circadian cycles from Normalink in remote, and also to adapt them to the specific needs of the project.

Hat Q



Ceiling recessed
mounted



IP
20-54

CRI
>80

UGR
22

84°

Expectancy
72000 h.
L70B10

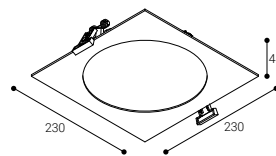
Efficiency (%)
75,1

Photobiological safety

RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

Go to page 286 to learn more

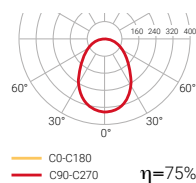


Minimum ceiling
installation height
94

Diameter range
Ø200-225
Ideal cut out
Ø210
Circular cut

○ RAL9016
● RAL7001
● RAL9005

Microprismatic diffuser



	W	K	LUMEN	COLOUR	
EHQ23B	1x20,5W	3000	2300 lm	○	0,8
EHQ23G	1x20,5W	3000	2300 lm	●	0,8
EHQ23N	1x20,5W	3000	2300 lm	●	0,8
EHQ24B	1x20,5W	4000	2400 lm	○	0,8
EHQ24G	1x20,5W	4000	2400 lm	●	0,8
EHQ24N	1x20,5W	4000	2400 lm	●	0,8
EHQ25B	1x20,5W	5000	2430 lm	○	0,8
EHQ25G	1x20,5W	5000	2430 lm	●	0,8
EHQ25N	1x20,5W	5000	2430 lm	●	0,8
EHQ26B	1x20,5W	6000	2435 lm	○	0,8
EHQ26G	1x20,5W	6000	2435 lm	●	0,8
EHQ26N	1x20,5W	6000	2435 lm	●	0,8



Compatible with **NormaLINK**

	W	K	LUMEN	COLOUR	
EHQ23DB	1x20,5W	3000	2300 lm	○	1,0
EHQ23DG	1x20,5W	3000	2300 lm	●	1,0
EHQ23DN	1x20,5W	3000	2300 lm	●	1,0
EHQ24DB	1x20,5W	4000	2400 lm	○	1,0
EHQ24DG	1x20,5W	4000	2400 lm	●	1,0
EHQ24DN	1x20,5W	4000	2400 lm	●	1,0
EHQ25DB	1x20,5W	5000	2430 lm	○	1,0
EHQ25DG	1x20,5W	5000	2430 lm	●	1,0
EHQ25DN	1x20,5W	5000	2430 lm	●	1,0
EHQ26DB	1x20,5W	6000	2435 lm	○	1,0
EHQ26DG	1x20,5W	6000	2435 lm	●	1,0
EHQ26DN	1x20,5W	6000	2435 lm	●	1,0

Hat Mini



Ceiling recessed
mounted



IP
20-54

CRI
>80

UGR
22

84°

Expectancy
72000 h.
L70B10

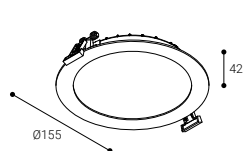
Efficiency (%)
69,2

Photobiological safety

RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

Go to page 286 to learn more



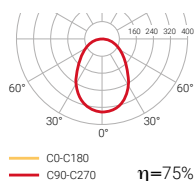
Minimum ceiling
installation height
94

Diameter range
Ø125-150

Ideal cut out
Ø135
Circular cut

○ RAL9016
● RAL7001
● RAL9005

Microprismatic diffuser



	W	K	LUMEN	COLOUR	
EHM13B	1x10,9W	3000	1400 lm	○	0,3
EHM13G	1x10,9W	3000	1400 lm	●	0,3
EHM13N	1x10,9W	3000	1400 lm	●	0,3
EHM14B	1x10,9W	4000	1500 lm	○	0,3
EHM14G	1x10,9W	4000	1500 lm	●	0,3
EHM14N	1x10,9W	4000	1500 lm	●	0,3
EHM15B	1x10,9W	5000	1520 lm	○	0,3
EHM15G	1x10,9W	5000	1520 lm	●	0,3
EHM15N	1x10,9W	5000	1520 lm	●	0,3
EHM16B	1x10,9W	6000	1520 lm	○	0,5
EHM16G	1x10,9W	6000	1520 lm	●	0,5
EHM16N	1x10,9W	6000	1520 lm	●	0,3



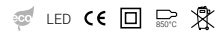
Compatible with **NormaLINK**

	W	K	LUMEN	COLOUR	
EHM13DB	1x10,9W	3000	1400 lm	○	0,3
EHM13DG	1x10,9W	3000	1400 lm	●	0,3
EHM13DN	1x10,9W	3000	1400 lm	●	0,3
EHM14DB	1x10,9W	4000	1500 lm	○	0,3
EHM14DG	1x10,9W	4000	1500 lm	●	0,3
EHM14DN	1x10,9W	4000	1500 lm	●	0,3
EHM15DB	1x10,9W	5000	1520 lm	○	0,3
EHM15DG	1x10,9W	5000	1520 lm	●	0,3
EHM15DN	1x10,9W	5000	1520 lm	●	0,3
EHM16DB	1x10,9W	6000	1520 lm	○	0,3
EHM16DG	1x10,9W	6000	1520 lm	●	0,3
EHM16DN	1x10,9W	6000	1520 lm	●	0,3

Hat Mini Q



Ceiling recessed
mounted



IP
20-54

CRI
>80

UGR
22

84°

Expectancy
72000 h.
L70B10

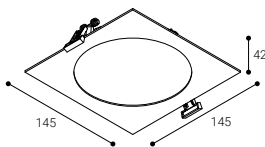
Efficiency (%)
69,2

Photobiological safety

RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

[Go to page 286 to learn more](#)



Minimum ceiling
installation height
94

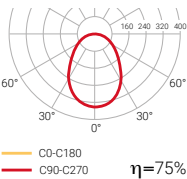
Diameter range
Ø125-140

Ideal cut out
Ø135

Circular cut

○ RAL9016
● RAL7001
● RAL9005

Microprismatic diffuser



— C0-C180
— C90-C270
η=75%

	W	K	LUMEN	COLOUR	
EHMQ13B	1x10,9W	3000	1400 lm	○	0,3
EHMQ13G	1x10,9W	3000	1400 lm	●	0,3
EHMQ13N	1x10,9W	3000	1400 lm	●	0,3
EHMQ14B	1x10,9W	4000	1500 lm	○	0,3
EHMQ14G	1x10,9W	4000	1500 lm	●	0,3
EHMQ14N	1x10,9W	4000	1500 lm	●	0,3
EHMQ15B	1x10,9W	5000	1520 lm	○	0,3
EHMQ15G	1x10,9W	5000	1520 lm	●	0,3
EHMQ15N	1x10,9W	5000	1520 lm	●	0,3
EHMQ16B	1x10,9W	6000	1520 lm	○	0,3
EHMQ16G	1x10,9W	6000	1520 lm	●	0,3
EHMQ16N	1x10,9W	6000	1520 lm	●	0,3



Compatible with **NormaLINK**

	W	K	LUMEN	COLOUR	
EHMQ13DB	1x10,9W	3000	1400 lm	○	0,3
EHMQ13DG	1x10,9W	3000	1400 lm	●	0,3
EHMQ13DN	1x10,9W	3000	1400 lm	●	0,3
EHMQ14DB	1x10,9W	4000	1500 lm	○	0,3
EHMQ14DG	1x10,9W	4000	1500 lm	●	0,3
EHMQ14DN	1x10,9W	4000	1500 lm	●	0,3
EHMQ15DB	1x10,9W	5000	1520 lm	○	0,3
EHMQ15DG	1x10,9W	5000	1520 lm	●	0,3
EHMQ15DN	1x10,9W	5000	1520 lm	●	0,3
EHMQ16DB	1x10,9W	6000	1520 lm	○	0,3
EHMQ16DG	1x10,9W	6000	1520 lm	●	0,3
EHMQ16DN	1x10,9W	6000	1520 lm	●	0,3

Hat Micro



Ceiling recessed
mounted



IP
20-54

CRI
>80

UGR
22

84°

Expectancy
50000 h.
L70B10

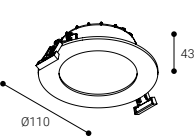
Efficiency (%)
75,1

Photobiological safety

RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

[Go to page 286 to learn more](#)

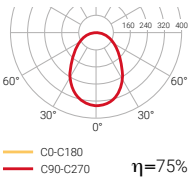


Diameter range
Ø92-105

Ideal cut out
Ø100
Circular cut

- RAL9016
- RAL7001
- RAL9005

Microprismatic diffuser



— C0-C180
— C90-C270
η=75%

	W	K	LUMEN	COLOUR	
EHP03B	1x4,8W	3000	460 lm	○	0,5
EHP03G	1x4,8W	3000	460 lm	●	0,5
EHP03N	1x4,8W	3000	460 lm	●	0,5
EHP04B	1x4,8W	4000	500 lm	○	0,5
EHP04G	1x4,8W	4000	500 lm	●	0,5
EHP04N	1x4,8W	4000	500 lm	●	0,5
EHP05B	1x4,8W	5000	510 lm	○	0,5
EHP05G	1x4,8W	5000	510 lm	●	0,5
EHP05N	1x4,8W	5000	510 lm	●	0,5
EHP06B	1x4,8W	6000	510 lm	○	0,5
EHP06G	1x4,8W	6000	510 lm	●	0,5
EHP06N	1x4,8W	6000	510 lm	●	0,5





IR

IR is a range of recessed downlights with a simple, attractive and functional design, with round shape.
As an accessory, IR has an extra embedding frame with different diameter, which makes it a very flexible solution when working with different hole diameters.
DALI regulation available.

TO SUBSTITUTE DICHROIC AND LED LAMPS.
CONTINUOUS WORK 24H GUARANTEED.

IR

Installation	Ceiling recessed mounted
Diffuser	
Light source	LED
Photobiological safety	1
UGR	19
CRI	>80
MacAdam ellipse	3
Beam angle range	61-63
Power range (W)	5,8
Colour temperature (°K)	3000 4000
Light range	670-700
Power factor	0,94
Efficiency (%)	91,9
Expectancy	60000 h L70B10
DALI Option	✓
Continuous function 24h	✓
IP	20-54
Class	II
Ideal cut out (mm)	79

 Transparent diffuser



For other CRI values, please contact us.

IR



Ceiling recessed mounted



LED CE 850°C

IP 20-54

CRI >80

UGR 19

61-63°

Expectancy 60000 h. L70B10

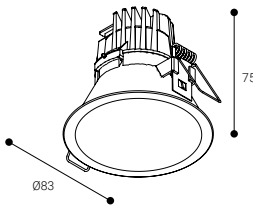
Efficiency (%) 91,9

Photobiological safety

RG0	Risk free
RG1*	1 Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

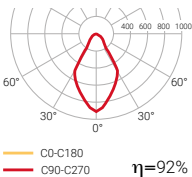
Go to page 286 to learn more



Ideal cut out Ø79
Circular cut

- RAL9016
- RAL7001
- RAL9005

Transparent diffuser



WITHOUT PHASE CUT REGULATION

	W	K	LUMEN	COLOUR	PACKAGING	
IR03STB	1x5,8W	3000	670 lm	○	0,1	20
IR03STN	1x5,8W	3000	670 lm	●	0,1	20
IR04STB	1x5,8W	4000	700 lm	○	0,1	20
IR04STN	1x5,8W	4000	700 lm	●	0,1	20

REGULATION BY PHASE CUT

	W	K	LUMEN	COLOUR	PACKAGING	
IR03TB	1x5,8W	3000	670 lm	○	0,1	20
IR03TN	1x5,8W	3000	670 lm	●	0,1	20
IR04TB	1x5,8W	4000	700 lm	○	0,1	20
IR04TN	1x5,8W	4000	700 lm	●	0,1	20



Compatible with **NormaLINK**

	W	K	LUMEN	COLOUR	PACKAGING	
IR03DTB	1x5,8W	3000	670 lm	○	0,1	20
IR03DTN	1x5,8W	3000	670 lm	●	0,1	20
IR04DTB	1x5,8W	4000	700 lm	○	0,1	20
IR04DTN	1x5,8W	4000	700 lm	●	0,1	20



ACCESSORIES

Adapter

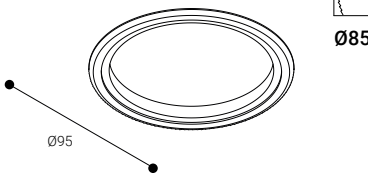
IRAB

IRAN

COLOUR

○

●





IQ

IQ is a range of recessed downlights with a simple, attractive and functional design, with square shape.
As an accessory, IQ has an extra embedding frame with different diameter, which makes it a very flexible solution when working with different hole diameters.
DALI regulation available.

TO SUBSTITUTE DICHROIC AND LED LAMPS.
CONTINUOUS WORK 24H GUARANTEED.

IQ

Installation	Ceiling recessed mounted
Diffuser	
Light source	LED
Photobiological safety	1
UGR	19
CRI	>80
MacAdam ellipse	3
Beam angle range	61-63
Power range (W)	5,8
Colour temperature (°K)	3000 4000
Light range	670-700
Power factor	0,94
Efficiency (%)	91,3
Expectancy	60000 h L70B10
DALI Option	✓
Continuous function 24h	✓
IP	20-54
Class	II
Ideal cut out (mm)	79x79

 Transparent diffuser

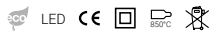


For other CRI values, please contact us.

IQ



Ceiling recessed
mounted



IP
20-54

CRI
>80

UGR
19

61-63°

Expectancy
60000 h.
L70B10

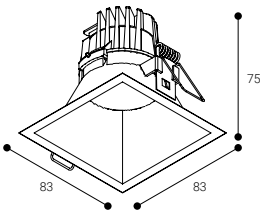
Efficiency (%)
91,3

Photobiological safety

RG0	Risk free
RG1*	1 Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

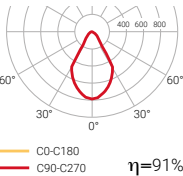
Go to page 286 to learn more



Ideal cut out
79x79
Square cut

- RAL9016
- RAL7001
- RAL9005

Transparent diffuser



WITHOUT PHASE CUT REGULATION

	W	K	LUMEN	COLOUR		PACKAGING
IQ03STB	1x5,8W	3000	670 lm	○	0,1	20
IQ03STN	1x5,8W	3000	670 lm	●	0,1	20
IQ04STB	1x5,8W	4000	700 lm	○	0,1	20
IQ04STN	1x5,8W	4000	700 lm	●	0,1	20

REGULATION BY PHASE CUT

	W	K	LUMEN	COLOUR		PACKAGING
IQ03TB	1x5,8W	3000	670 lm	○	0,1	20
IQ03TN	1x5,8W	3000	670 lm	●	0,1	20
IQ04TB	1x5,8W	4000	700 lm	○	0,1	20
IQ04TN	1x5,8W	4000	700 lm	●	0,1	20



Compatible with **NormaLINK**

	W	K	LUMEN	COLOUR		PACKAGING
IQ03DTB	1x5,8W	3000	670 lm	○	0,1	20
IQ03DTN	1x5,8W	3000	670 lm	●	0,1	20
IQ04DTB	1x5,8W	4000	700 lm	○	0,1	20
IQ04DTN	1x5,8W	4000	700 lm	●	0,1	20



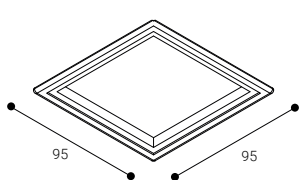
ACCESSORIES

Adapter

IQAB
IQAN

COLOUR

-
-



85x85



Tiny

TINY is a reduced size, high performance swivelling downlight.

Available with white, grey or black ring.



FOR REPLACING LED AND DICHROIC LAMPS
24H UNINTERRUPTED WORKING TIME WITH TOTAL GUARANTEE.

CAN BE MANAGED BY PHASE CUT
(only fittings not dali compatible)

Tiny

Installation	Ceiling recessed mounted
Diffuser	○
Light source	LED
Photobiological safety	1
UGR	19
CRI	>80
MacAdam ellipse	3
Beam angle range	66
Power range (W)	5,8
Colour temperature (°K)	3000 4000
Light range	670-700
Power factor	0,94
Efficiency (%)	87,3
Expectancy	60000 h L70B10
DALI Option	✓
Continuous function 24h	✓
IP	20
Class	II
Ideal cut out (mm)	70

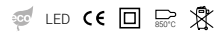
○ Without diffuser

 For other CRI values, please contact us.

Tiny



Ceiling recessed
mounted



IP
20

CRI
>80

UGR
19

66°

Expectancy
60000 h.
L70B10

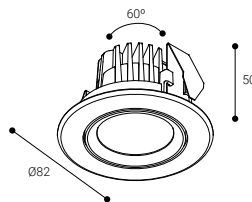
Efficiency (%)
87,3

Photobiological safety

RG0	Risk free
RG1*	1 Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

Go to page 286 to learn more

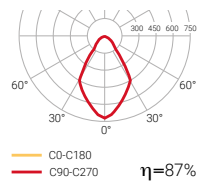


Minimum ceiling
installation height
94

Ideal cut out
Ø70
Circular cut

○ RAL9016
● RAL7001
● RAL9005

Without diffuser



WITHOUT PHASE CUT REGULATION

	W	K	LUMEN	COLOUR	RA	PACKAGING
TI03SB	1x5,8W	3000	670 lm	○	0,1	10
TI03SG	1x5,8W	3000	670 lm	●	0,1	10
TI03SN	1x5,8W	3000	670 lm	●	0,1	10
TI04SB	1x5,8W	4000	700 lm	○	0,1	10
TI04SG	1x5,8W	4000	700 lm	●	0,1	10
TI04SN	1x5,8W	4000	700 lm	●	0,1	10

REGULATION BY PHASE CUT

	W	K	LUMEN	COLOUR	RA	PACKAGING
TI03B	1x5,8W	3000	670 lm	○	0,1	10
TI03G	1x5,8W	3000	670 lm	●	0,1	10
TI03N	1x5,8W	3000	670 lm	●	0,1	10
TI04B	1x5,8W	4000	700 lm	○	0,1	10
TI04G	1x5,8W	4000	700 lm	●	0,1	10
TI04N	1x5,8W	4000	700 lm	●	0,1	10



Compatible with **NormaLINK**

	W	K	LUMEN	COLOUR	RA	PACKAGING
TI03DB	1x5,8W	3000	670 lm	○	0,1	10
TI03DG	1x5,8W	3000	670 lm	●	0,1	10
TI03DN	1x5,8W	3000	670 lm	●	0,1	10
TI04DB	1x5,8W	4000	700 lm	○	0,1	10
TI04DG	1x5,8W	4000	700 lm	●	0,1	10
TI04DN	1x5,8W	4000	700 lm	●	0,1	10



Dorfin

DORFIN is a rounded or square swivelling downlight. It is entirely made from cast aluminium and the reflector is made of high reflection technical polycarbonate. With separate electrical equipment, it enables a 85° tilt and 355° rotation.

DORFIN range is available in white, grey or black. It can be provided without diffuser, with opal glass or with intensive reflector.



	Dorfin	Dorfin Q
Installation	Ceiling recessed mounted	Ceiling recessed mounted
OPTICS	S, M, O	S, M, O
Light source	LED	LED
Photobiological safety	1	1
UGR	19	19
CRI	>80-90	>80-90
MacAdam ellipse	3	3
Beam angle range	17-55	17-55
Power range (W)	11,8-25,5	11,8-25,5
Colour temperature (°K)	3000 5000	3000 5000
Light range	1760-3780	1760-3780
Power factor	0,95	0,95
Efficiency (%)	89,8	89,8
Expectancy	60000 h L70B10	60000 h L70B10
DALI Option	✓	✓
Continuous function 24h	✓	✓
IP	20	20
Class	II	II
Ideal cut out (mm)	175	175x175

S: Intensive optics M: Medium optics O: Extensive optics

 Please, ask for the technical datasheets of all the luminaires.

 For other CRI values, please contact us.

Dorfin



Ceiling recessed
mounted



IP
20

CRI
>80-90

UGR
19

17-55°

Expectancy
60000 h.
L70B10

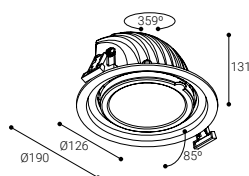
Efficiency (%)
89,8

Photobiological safety

RG0	Risk free
RG1*	1 Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

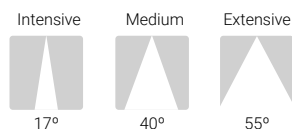
Go to page 286 to learn more



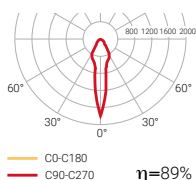
Minimum ceiling
installation height
180

Ideal cut out
Ø175
Circular cut

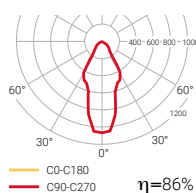
○ RAL9016
● RAL7001
● RAL9005



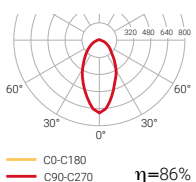
Intensive optics



Medium optics



Extensive optics



Ref. S. Intensive optics. IP20. UGR19
Ref. M. Medium optics. IP20. UGR19
Ref. O. Extensive optics. IP20. UGR22

	W	K	LUMEN	OPTICS	COLOUR	⚙️
D23SB	1x11,8W	3000	1930 lm	Intensive	○	1,2
D23SG	1x11,8W	3000	1930 lm	Intensive	●	1,2
D23SN	1x11,8W	3000	1930 lm	Intensive	●	1,2
D23MB	1x11,8W	3000	1930 lm	Medium	○	1,2
D23MG	1x11,8W	3000	1930 lm	Medium	●	1,2
D23MN	1x11,8W	3000	1930 lm	Medium	●	1,2
D23OB	1x11,8W	3000	1930 lm	Extensive	○	1,2
D23OG	1x11,8W	3000	1930 lm	Extensive	●	1,2
D23ON	1x11,9W	3000	1930 lm	Extensive	●	1,2
D24SB	1x11,8W	4000	2050 lm	Intensive	○	1,2
D24SG	1x11,8W	4000	2050 lm	Intensive	●	1,2
D24SN	1x11,8W	4000	2050 lm	Intensive	●	1,2
D24MB	1x11,8W	4000	2050 lm	Medium	○	1,2
D24MG	1x11,8W	4000	2050 lm	Medium	●	1,2
D24MN	1x11,8W	4000	2050 lm	Medium	●	1,2
D24OB	1x11,8W	4000	2050 lm	Extensive	○	1,2
D24OG	1x11,8W	4000	2050 lm	Extensive	●	1,2
D24ON	1x11,8W	4000	2050 lm	Extensive	●	1,2
D33SB	1x17,4W	3000	2650 lm	Intensive	○	1,2
D33SG	1x17,4W	3000	2650 lm	Intensive	●	1,2
D33SN	1x17,4W	3000	2650 lm	Intensive	●	1,2
D33MB	1x17,4W	3000	2650 lm	Medium	○	1,2
D33MG	1x17,4W	3000	2650 lm	Medium	●	1,2
D33MN	1x17,4W	3000	2650 lm	Medium	●	1,2
D33OB	1x17,4W	3000	2650 lm	Extensive	○	1,2
D33OG	1x17,4W	3000	2650 lm	Extensive	●	1,2
D33ON	1x17,4W	3000	2650 lm	Extensive	●	1,2
D34SB	1x17,4W	4000	2850 lm	Intensive	○	1,2
D34SG	1x17,4W	4000	2850 lm	Intensive	●	1,2
D34SN	1x17,4W	4000	2850 lm	Intensive	●	1,2
D34MB	1x17,4W	4000	2850 lm	Medium	○	1,2
D34MG	1x17,4W	4000	2850 lm	Medium	●	1,2
D34MN	1x17,4W	4000	2850 lm	Medium	●	1,2
D34OB	1x17,4W	4000	2850 lm	Extensive	○	1,2
D34OG	1x17,4W	4000	2850 lm	Extensive	●	1,2
D34ON	1x17,4W	4000	2850 lm	Extensive	●	1,2

Dorfin



Transparent diffuser

	W	K	LUMEN	OPTICS	COLOUR	⚙️
D43SB	1x25,1W	3000	3580 lm	Intensive	○	1,2
D43SG	1x25,1W	3000	3580 lm	Intensive	●	1,2
D43SN	1x25,1W	3000	3580 lm	Intensive	●	1,2
D43MB	1x25,1W	3000	3580 lm	Medium	○	1,2
D43MG	1x25,1W	3000	3580 lm	Medium	●	1,2
D43MN	1x25,1W	3000	3580 lm	Medium	●	1,2
D43OB	1x25,1W	3000	3580 lm	Extensive	○	1,2
D43OG	1x25,1W	3000	3580 lm	Extensive	●	1,2
D43ON	1x25,1W	3000	3580 lm	Extensive	●	1,2
D44SB	1x25,1W	4000	3780 lm	Intensive	○	1,2
D44SG	1x25,1W	4000	3780 lm	Intensive	●	1,2
D44SN	1x25,1W	4000	3780 lm	Intensive	●	1,2
D44MB	1x25,1W	4000	3780 lm	Medium	○	1,2
D44MG	1x25,1W	4000	3780 lm	Medium	●	1,2
D44MN	1x25,1W	4000	3780 lm	Medium	●	1,2
D44OB	1x25,1W	4000	3780 lm	Extensive	○	1,2
D44OG	1x25,1W	4000	3780 lm	Extensive	●	1,2
D44ON	1x25,1W	4000	3780 lm	Extensive	●	1,2


Compatible with **NormaLINK**

	W	K	LUMEN	OPTICS	COLOUR	⚙️
D23DSB	1x11,8W	3000	1930 lm	Intensive	○	1,2
D23DSG	1x11,8W	3000	1930 lm	Intensive	●	1,2
D23DSN	1x11,8W	3000	1930 lm	Intensive	●	1,2
D23DMB	1x11,8W	3000	1930 lm	Medium	○	1,2
D23DMG	1x11,8W	3000	1930 lm	Medium	●	1,2
D23DMN	1x11,8W	3000	1930 lm	Medium	●	1,2
D23DOB	1x11,8W	3000	1930 lm	Extensive	○	1,2
D23DOG	1x11,8W	3000	1930 lm	Extensive	●	1,2
D23DON	1x11,8W	3000	1930 lm	Extensive	●	1,2
D24DSB	1x11,8W	4000	2050 lm	Intensive	○	1,2
D24DSG	1x11,8W	4000	2050 lm	Intensive	●	1,2
D24DSN	1x11,8W	4000	2050 lm	Intensive	●	1,2
D24DMB	1x11,8W	4000	2050 lm	Medium	○	1,2
D24DMG	1x11,8W	4000	2050 lm	Medium	●	1,2
D24DMN	1x11,8W	4000	2050 lm	Medium	●	1,2
D24DOB	1x11,8W	4000	2050 lm	Extensive	○	1,2
D24DOG	1x11,8W	4000	2050 lm	Extensive	●	1,2
D24DON	1x11,8W	4000	2050 lm	Extensive	●	1,2
D33DSB	1x17,4W	3000	2650 lm	Intensive	○	1,2
D33DSG	1x17,4W	3000	2650 lm	Intensive	●	1,2
D33DSN	1x17,4W	3000	2650 lm	Intensive	●	1,2
D33DMB	1x17,4W	3000	2650 lm	Medium	○	1,2
D33DMG	1x17,4W	3000	2650 lm	Medium	●	1,2
D33DMN	1x17,4W	3000	2650 lm	Medium	●	1,2
D33DOB	1x17,4W	3000	2650 lm	Extensive	○	1,2
D33DOG	1x17,4W	3000	2650 lm	Extensive	●	1,2
D33DON	1x17,4W	3000	2650 lm	Extensive	●	1,2

Ref. S. Intensive optics. IP20. UGR19
Ref. M. Medium optics. IP20. UGR19
Ref. O. Extensive optics. IP20. UGR22

Dorfin

IP
20

CRI
>80-90

UGR
19

17-55°

Expectancy
60000 h.
L70B10

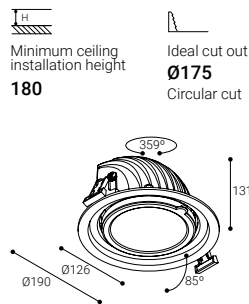
Efficiency (%)
89,8

Photobiological safety

RG0	Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

Go to page 286 to learn more



- RAL9016
- RAL7001
- RAL9005



Compatible with **NormaLINK**

	W	K	LUMEN	OPTICS	COLOUR	
D34DSB	1x17,4W	4000	2850 lm	Intensive	○	1,2
D34DSG	1x17,4W	4000	2850 lm	Intensive	●	1,2
D34DSN	1x17,4W	4000	2850 lm	Intensive	●	1,2
D34DMB	1x17,4W	4000	2850 lm	Medium	○	1,2
D34DMG	1x17,4W	4000	2850 lm	Medium	●	1,2
D34DMN	1x17,4W	4000	2850 lm	Medium	●	1,2
D34DOB	1x17,4W	4000	2850 lm	Extensive	○	1,2
D34DOG	1x17,4W	4000	2850 lm	Extensive	●	1,2
D34DON	1x17,4W	4000	2850 lm	Extensive	●	1,2
D43DSB	1x25,1W	3000	3580 lm	Intensive	○	1,2
D43DSG	1x25,1W	3000	3580 lm	Intensive	●	1,2
D43DSN	1x25,1W	3000	3580 lm	Intensive	●	1,2
D43DMB	1x25,1W	3000	3580 lm	Medium	○	1,2
D43DMG	1x25,1W	3000	3580 lm	Medium	●	1,2
D43DMN	1x25,1W	3000	3580 lm	Medium	●	1,2
D43DOB	1x25,1W	3000	3580 lm	Extensive	○	1,2
D43DOG	1x25,1W	3000	3580 lm	Extensive	●	1,2
D43DON	1x25,1W	3000	3580 lm	Extensive	●	1,2
D44DSB	1x25,1W	4000	3780 lm	Intensive	○	1,2
D44DSG	1x25,1W	4000	3780 lm	Intensive	●	1,2
D44DSN	1x25,1W	4000	3780 lm	Intensive	●	1,2
D44DMB	1x25,1W	4000	3780 lm	Medium	○	1,2
D44DMG	1x25,1W	4000	3780 lm	Medium	●	1,2
D44DMN	1x25,1W	4000	3780 lm	Medium	●	1,2
D44DOB	1x25,1W	4000	3780 lm	Extensive	○	1,2
D44DOG	1x25,1W	4000	3780 lm	Extensive	●	1,2
D44DON	1x25,1W	4000	3780 lm	Extensive	●	1,2

Ref. S. Intensive optics. IP20. UGR19
Ref. M. Medium optics. IP20. UGR19
Ref. O. Extensive optics. IP20. UGR22

Dorfin



Led Bread



DB
3000K
1785 lm
CRI 85

Led Fish



DF
5000K
3250 lm
CRI 90

Led Meat



DM
4000K
1760 lm
CRI 82

SPECIAL COLOUR TEMPERATURE FOR FOOD INDUSTRY

LEDS FOOD		W	K	LUMEN	OPTICS	COLOUR	RA
DBSB		1x21W	3000	1785 lm	Intensive	○	1,2
DBSG		1x21W	3000	1785 lm	Intensive	●	1,2
DBSN		1x21W	3000	1785 lm	Intensive	●	1,2
DBMB		1x21W	3000	1785 lm	Medium	○	1,2
DBMG		1x21W	3000	1785 lm	Medium	●	1,2
DBMN		1x21W	3000	1785 lm	Medium	●	1,2
DBOB		1x21W	3000	1785 lm	Extensive	○	1,2
DBOG		1x21W	3000	1785 lm	Extensive	●	1,2
DBON		1x21W	3000	1785 lm	Extensive	●	1,2
DFSB		1x25,5W	5000	3250 lm	Intensive	○	1,2
DFSG		1x25,5W	5000	3250 lm	Intensive	●	1,2
DFSN		1x25,5W	5000	3250 lm	Intensive	●	1,2
DFMB		1x25,5W	5000	3250 lm	Medium	○	1,2
DFMG		1x25,5W	5000	3250 lm	Medium	●	1,2
DFMN		1x25,5W	5000	3250 lm	Medium	●	1,2
DFOB		1x25,5W	5000	3250 lm	Extensive	○	1,2
DFOG		1x25,5W	5000	3250 lm	Extensive	●	1,2
DFON		1x25,5W	5000	3250 lm	Extensive	●	1,2
DMSB		1x25,5W	4000	1760 lm	Intensive	○	1,2
DMSG		1x25,5W	4000	1760 lm	Intensive	●	1,2
DMSN		1x25,5W	4000	1760 lm	Intensive	●	1,2
DMMB		1x25,5W	4000	1760 lm	Medium	○	1,2
DMMG		1x25,5W	4000	1760 lm	Medium	●	1,2
DMMN		1x25,5W	4000	1760 lm	Medium	●	1,2
DMOB		1x25,5W	4000	1760 lm	Extensive	○	1,2
DMOG		1x25,5W	4000	1760 lm	Extensive	●	1,2
DMON		1x25,5W	4000	1760 lm	Extensive	●	1,2

Ref. S. Intensive optics. IP20. UGR19

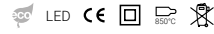
Ref. M. Medium optics. IP20. UGR19

Ref. O. Extensive optics. IP20. UGR22

Dorfin Q



Ceiling recessed
mounted



IP
20

CRI
>80-90

UGR
19

17-55°

Expectancy
60000 h.
L70B10

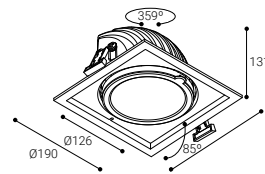
Efficiency (%)
89,8

Photobiological safety

RG0	Risk free
RG1*	1 Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

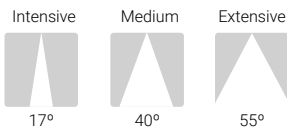
Go to page 286 to learn more



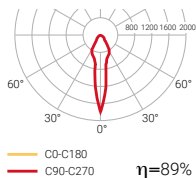
Minimum ceiling
installation height
150

175x175
Ideal cut out
175x175
Square cut

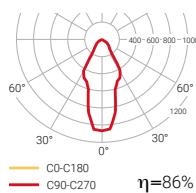
○ RAL9016
● RAL7001
● RAL9005



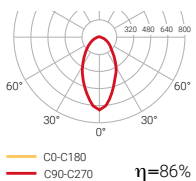
Intensive optics



Medium optics



Extensive optics



Ref. S. Intensive optics. IP20. UGR19
Ref. M. Medium optics. IP20. UGR19
Ref. O. Extensive optics. IP20. UGR22

	W	K	LUMEN	OPTICS	COLOUR	RA
DQ23SB	1x11,8W	3000	1930 lm	Intensive	○	1,4
DQ23SG	1x11,8W	3000	1930 lm	Intensive	●	1,4
DQ23SN	1x11,8W	3000	1930 lm	Intensive	●	1,4
DQ23MB	1x11,8W	3000	1930 lm	Medium	○	1,2
DQ23MG	1x11,8W	3000	1930 lm	Medium	●	1,2
DQ23MN	1x11,8W	3000	1930 lm	Medium	●	1,2
DQ23OB	1x11,8W	3000	1930 lm	Extensive	○	1,4
DQ23OG	1x11,8W	3000	1930 lm	Extensive	●	1,4
DQ23ON	1x11,8W	3000	1930 lm	Extensive	●	1,4
DQ24SB	1x11,8W	4000	2050 lm	Intensive	○	1,4
DQ24SG	1x11,8W	4000	2050 lm	Intensive	●	1,4
DQ24SN	1x11,8W	4000	2050 lm	Intensive	●	1,4
DQ24MB	1x11,8W	4000	2050 lm	Medium	○	1,2
DQ24MG	1x11,8W	4000	2050 lm	Medium	●	1,2
DQ24MN	1x11,8W	4000	2050 lm	Medium	●	1,2
DQ24OB	1x11,8W	4000	2050 lm	Extensive	○	1,4
DQ24OG	1x11,8W	4000	2050 lm	Extensive	●	1,4
DQ24ON	1x11,8W	4000	2050 lm	Extensive	●	1,4
DQ33SB	1x17,4W	3000	2650 lm	Intensive	○	1,4
DQ33SG	1x17,4W	3000	2650 lm	Intensive	●	1,4
DQ33SN	1x17,4W	3000	2650 lm	Intensive	●	1,4
DQ33MB	1x17,4W	3000	2650 lm	Medium	○	1,4
DQ33MG	1x17,4W	3000	2650 lm	Medium	●	1,4
DQ33MN	1x17,4W	3000	2650 lm	Medium	●	1,4
DQ33OB	1x17,4W	3000	2650 lm	Extensive	○	1,4
DQ33OG	1x17,4W	3000	2650 lm	Extensive	●	1,4
DQ33ON	1x17,4W	3000	2650 lm	Extensive	●	1,4
DQ34SB	1x17,4W	4000	2850 lm	Intensive	○	1,4
DQ34SG	1x17,4W	4000	2850 lm	Intensive	●	1,4
DQ34SN	1x17,4W	4000	2850 lm	Intensive	●	1,4
DQ34MB	1x17,4W	4000	2850 lm	Medium	○	1,4
DQ34MG	1x17,4W	4000	2850 lm	Medium	●	1,4
DQ34MN	1x17,4W	4000	2850 lm	Medium	●	1,4
DQ34OB	1x17,4W	4000	2850 lm	Extensive	○	1,4
DQ34OG	1x17,4W	4000	2850 lm	Extensive	●	1,4
DQ34ON	1x17,4W	4000	2850 lm	Extensive	●	1,4

Dorfin Q

	W	K	LUMEN	OPTICS	COLOUR	
DQ43SB	1x25,1W	3000	3580 lm	Intensive	○	1,4
DQ43SG	1x25,1W	3000	3580 lm	Intensive	●	1,4
DQ43SN	1x25,1W	3000	3580 lm	Intensive	●	1,4
DQ43MB	1x25,1W	3000	3580 lm	Medium	○	1,4
DQ43MG	1x25,1W	3000	3580 lm	Medium	●	1,4
DQ43MN	1x25,1W	3000	3580 lm	Medium	●	1,4
DQ43OB	1x25,1W	3000	3580 lm	Extensive	○	1,4
DQ43OG	1x25,1W	3000	3580 lm	Extensive	●	1,4
DQ43ON	1x25,1W	3000	3580 lm	Extensive	●	1,4
DQ44SB	1x25,1W	4000	3780 lm	Intensive	○	1,4
DQ44SG	1x25,1W	4000	3780 lm	Intensive	●	1,4
DQ44SN	1x25,1W	4000	3780 lm	Intensive	●	1,4
DQ44MB	1x25,1W	4000	3780 lm	Medium	○	1,4
DQ44MG	1x25,1W	4000	3780 lm	Medium	●	1,4
DQ44MN	1x25,1W	4000	3780 lm	Medium	●	1,4
DQ44OB	1x25,1W	4000	3780 lm	Extensive	○	1,4
DQ44OG	1x25,1W	4000	3780 lm	Extensive	●	1,4
DQ44ON	1x25,1W	4000	3780 lm	Extensive	●	1,4



Compatible with **NormaLINK** 

	W	K	LUMEN	OPTICS	COLOUR	
DQ23DSB	1x11,8W	3000	1930 lm	Intensive	○	1,2
DQ23DSG	1x11,8W	3000	1930 lm	Intensive	●	1,2
DQ23DSN	1x11,8W	3000	1930 lm	Intensive	●	1,2
DQ23DMB	1x11,8W	3000	1930 lm	Medium	○	1,2
DQ23DMG	1x11,8W	3000	1930 lm	Medium	●	1,2
DQ23DMN	1x11,8W	3000	1930 lm	Medium	●	1,2
DQ23DOB	1x11,8W	3000	1930 lm	Extensive	○	1,2
DQ23DOG	1x11,8W	3000	1930 lm	Extensive	●	1,2
DQ23DON	1x11,8W	3000	1930 lm	Extensive	●	1,2
DQ24DSB	1x11,8W	4000	2050 lm	Intensive	○	1,2
DQ24DSG	1x11,8W	4000	2050 lm	Intensive	●	1,2
DQ24DSN	1x11,8W	4000	2050 lm	Intensive	●	1,2
DQ24DMB	1x11,8W	4000	2050 lm	Medium	○	1,2
DQ24DMG	1x11,8W	4000	2050 lm	Medium	●	1,2
DQ24DMN	1x11,8W	4000	2050 lm	Medium	●	1,2
DQ24DOB	1x11,8W	4000	2050 lm	Extensive	○	1,2
DQ24DOG	1x11,8W	4000	2050 lm	Extensive	●	1,2
DQ24DON	1x11,8W	4000	2050 lm	Extensive	●	1,2
DQ33DSB	1x17,4W	3000	2650 lm	Intensive	○	1,2
DQ33DSG	1x17,4W	3000	2650 lm	Intensive	●	1,2
DQ33DSN	1x17,4W	3000	2650 lm	Intensive	●	1,2
DQ33DMB	1x17,4W	3000	2650 lm	Medium	○	1,2
DQ33DMG	1x17,4W	3000	2650 lm	Medium	●	1,2
DQ33DMN	1x17,4W	3000	2650 lm	Medium	●	1,2
DQ33DOB	1x17,4W	3000	2650 lm	Extensive	○	1,2
DQ33DOG	1x17,4W	3000	2650 lm	Extensive	●	1,2
DQ33DON	1x17,4W	3000	2650 lm	Extensive	●	1,2

Ref. S. Intensive optics. IP20. UGR19
Ref. M. Medium optics. IP20. UGR19
Ref. O. Extensive optics. IP20. UGR22

Dorfin Q

IP
20

CRI
>80-90

UGR
19

17-55°

Expectancy
60000 h.
L70B10

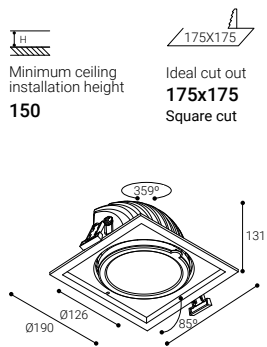
Efficiency (%)
89,8

Photobiological safety

RG0	Risk free
RG1*	1 Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

Go to page 286 to learn more



- RAL9016
- RAL7001
- RAL9005



Transparent diffuser



Compatible with **NormaLINK**

	W	K	LUMEN	OPTICS	COLOUR	RA
DQ34DSB	1x17,4W	4000	2850 lm	Intensive	○	1,2
DQ34DSG	1x17,4W	4000	2850 lm	Intensive	●	1,2
DQ34DSN	1x17,4W	4000	2850 lm	Intensive	●	1,2
DQ34DMB	1x17,4W	4000	2850 lm	Medium	○	1,2
DQ34DMG	1x17,4W	4000	2850 lm	Medium	●	1,2
DQ34DMN	1x17,4W	4000	2850 lm	Medium	●	1,2
DQ34DOB	1x17,4W	4000	2850 lm	Extensive	○	1,2
DQ34DOG	1x17,4W	4000	2850 lm	Extensive	●	1,4
DQ34DON	1x17,4W	4000	2850 lm	Extensive	●	1,2
DQ43DSB	1x25,1W	3000	3580 lm	Intensive	○	1,2
DQ43DSG	1x25,1W	3000	3580 lm	Intensive	●	1,2
DQ43DSN	1x25,1W	3000	3580 lm	Intensive	●	1,2
DQ43DMB	1x25,1W	3000	3580 lm	Medium	○	1,2
DQ43DMG	1x25,1W	3000	3580 lm	Medium	●	1,2
DQ43DMN	1x25,1W	3000	3580 lm	Medium	●	1,2
DQ43DOB	1x25,1W	3000	3580 lm	Extensive	○	1,2
DQ43DOG	1x25,1W	3000	3580 lm	Extensive	●	1,2
DQ43DON	1x25,1W	3000	3580 lm	Extensive	●	1,2
DQ44DSB	1x25,1W	4000	3780 lm	Intensive	○	1,2
DQ44DSG	1x25,1W	4000	3780 lm	Intensive	●	1,2
DQ44DSN	1x25,1W	4000	3780 lm	Intensive	●	1,2
DQ44DMB	1x25,1W	4000	3780 lm	Medium	○	1,2
DQ44DMG	1x25,1W	4000	3780 lm	Medium	●	1,2
DQ44DMN	1x25,1W	4000	3780 lm	Medium	●	1,2
DQ44DOB	1x25,1W	4000	3780 lm	Extensive	○	1,2
DQ44DOG	1x25,1W	4000	3780 lm	Extensive	●	1,2
DQ44DON	1x25,1W	4000	3780 lm	Extensive	●	1,2

Ref. S. Intensive optics. IP20. UGR19
Ref. M. Medium optics. IP20. UGR19
Ref. O. Extensive optics. IP20. UGR22

Dorfin Q



Led Bread	Led Fish	Led Meat
		
DQB 3000K 1785 lm CRI 85	DQF 5000K 3250 lm CRI 90	DQM 4000K 1760 lm CRI 82

SPECIAL COLOUR TEMPERATURE FOR FOOD INDUSTRY

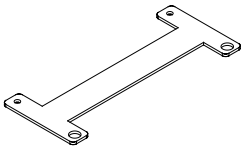
LEDS FOOD		W	K	LUMEN	OPTICS	COLOUR	
DQBSB		1x21W	3000	1785 lm	Intensive		1,4
DQBSG		1x21W	3000	1785 lm	Intensive		1,4
DQBSN		1x21W	3000	1785 lm	Intensive		1,4
DQMBB		1x21W	3000	1785 lm	Medium		1,4
DQBMG		1x21W	3000	1785 lm	Medium		1,4
DQBMN		1x21W	3000	1785 lm	Medium		1,4
DQBOB		1x21W	3000	1785 lm	Extensive		1,4
DQBOG		1x21W	3000	1785 lm	Extensive		1,4
DQBON		1x21W	3000	1785 lm	Extensive		1,4
DQFSB		1x25,5W	5000	3250 lm	Intensive		1,4
DQFSG		1x25,5W	5000	3250 lm	Intensive		1,4
DQFSN		1x25,5W	5000	3250 lm	Intensive		1,4
DQFMB		1x25,5W	5000	3250 lm	Medium		1,4
DQFMG		1x25,5W	5000	3250 lm	Medium		1,4
DQFMN		1x25,5W	5000	3250 lm	Medium		1,4
DQFOB		1x25,5W	5000	3250 lm	Extensive		1,4
DQFOG		1x25,5W	5000	3250 lm	Extensive		1,4
DQFON		1x25,5W	5000	3250 lm	Extensive		1,4
DQMSB		1x25,5W	4000	1760 lm	Intensive		1,4
DQMSG		1x25,5W	4000	1760 lm	Intensive		1,4
DQMSN		1x25,5W	4000	1760 lm	Intensive		1,4
DQMMB		1x25,5W	4000	1760 lm	Medium		1,4
DQMMG		1x25,5W	4000	1760 lm	Medium		1,4
DQMMN		1x25,5W	4000	1760 lm	Medium		1,4
DQMOB		1x25,5W	4000	1760 lm	Extensive		1,4
DQMOG		1x25,5W	4000	1760 lm	Extensive		1,4
DQMON		1x25,5W	4000	1760 lm	Extensive		1,4

Ref. S. Intensive optics. IP20. UGR19
Ref. M. Medium optics. IP20. UGR19
Ref. O. Extensive optics. IP20. UGR22

ACCESSORIES

Joining accessory

D014





Surface Downlights

Elit S	99
Hat S	101
Cyre	103
Pendulars	107
Pagoda	113

Elit S

Version of the ELIT range for ceiling surface mounting.

Available in two sizes (standard and micro), this surface downlight is made of anodised aluminium and can be provided in white, grey or black.



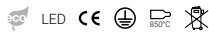
	Elit S	Elit Micro S
Installation	Ceiling surface mounted	Ceiling surface mounted
Diffuser	○	○
Light source	LED	LED
Photobiological safety	1	1
UGR	19	19
CRI	>80	>80
MacAdam ellipse	3	4
Beam angle range	99	94
Power range (W)	11,8-17,4	6,4
Colour temperature (°K)	3000 4000	3000 4000
Light range	1930-2850	760-885
Power factor	0,95	0,5
Efficiency (%)	95,4	92,9
Expectancy	60000 h L70B10	60000 h L70B10
DALI Option	✓	✓
Continuous function 24h	✓	✓
IP	20	20
Class	I	I

○ Without diffuser



For other CRI values, please contact us.

Elit S



IP
20

CRI
>80

UGR
19

99°

Expectancy
60000 h.
L70B10

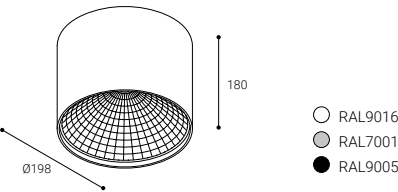
Efficiency (%)
95,4

Photobiological safety

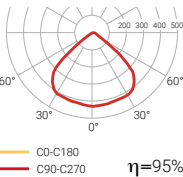
RG0	Risk free
RG1*	1 Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

Go to page 286 to learn more



Without diffuser



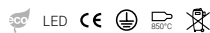
	W	K	LUMEN	COLOUR	
ELA23B	1x11,8W	3000	1930 lm	○	1,1
ELA23G	1x11,8W	3000	1930 lm	●	1,1
ELA23N	1x11,8W	3000	1930 lm	●	1,1
ELA24B	1x11,8W	4000	2050 lm	○	1,1
ELA24G	1x11,8W	4000	2050 lm	●	1,1
ELA24N	1x11,8W	4000	2050 lm	●	1,1
ELA33B	1x17,4W	3000	2650 lm	○	1,1
ELA33G	1x17,4W	3000	2650 lm	●	1,1
ELA33N	1x17,4W	3000	2650 lm	●	1,1
ELA34B	1x17,4W	4000	2850 lm	○	1,1
ELA34G	1x17,4W	4000	2850 lm	●	1,1
ELA34N	1x17,4W	4000	2850 lm	●	1,1



Compatible with **NormaLINK**

	W	K	LUMEN	COLOUR	
ELA23DB	1x11,8W	3000	1930 lm	○	1,1
ELA23DG	1x11,8W	3000	1930 lm	●	1,1
ELA23DN	1x11,8W	3000	1930 lm	●	1,1
ELA24DB	1x11,8W	4000	2050 lm	○	1,1
ELA24DG	1x11,8W	4000	2050 lm	●	1,1
ELA24DN	1x11,8W	4000	2050 lm	●	1,1
ELA33DB	1x17,4W	3000	2650 lm	○	1,1
ELA33DG	1x17,4W	3000	2650 lm	●	1,1
ELA33DN	1x17,4W	3000	2650 lm	●	1,1
ELA34DB	1x17,4W	4000	2850 lm	○	1,1
ELA34DG	1x17,4W	4000	2850 lm	●	1,1
ELA34DN	1x17,4W	4000	2850 lm	●	1,1

Elit Micro S



IP
20

CRI
>80

UGR
19

Beam angle
94°

Expectancy
60000 h.
L70B10

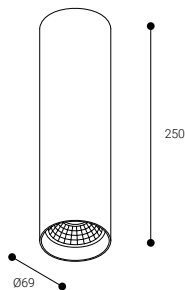
Efficiency (%)
92,9

Photobiological safety

RG0	Risk free
RG1*	1 Low risk
RG2	Moderate risk
RG3	High risk

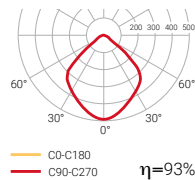
*Time under 3 h.

Go to page 286 to learn more



- RAL9016
- RAL7001
- RAL9005

Without diffuser



	W	K	LUMEN	COLOUR	Icon
EPA03B	1x6,4W	3000	760 lm	○	0,6
EPA03G	1x6,4W	3000	760 lm	●	0,6
EPA03N	1x6,4W	3000	760 lm	●	0,6
EPA04B	1x6,4W	4000	885 lm	○	0,6
EPA04G	1x6,4W	4000	885 lm	●	0,6
EPA04N	1x6,4W	4000	885 lm	●	0,6



Compatible with **NormaLINK**

	W	K	LUMEN	COLOUR	Icon
EPA03DB	1x6,4W	3000	760 lm	○	0,6
EPA03DG	1x6,4W	3000	760 lm	●	0,6
EPA03DN	1x6,4W	3000	760 lm	●	0,6
EPA04DB	1x6,4W	4000	885 lm	○	0,6
EPA04DG	1x6,4W	4000	885 lm	●	0,6
EPA04DN	1x6,4W	4000	885 lm	●	0,6

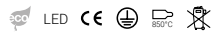
Hat S



Ceiling
surface
mounted



Wall surface
mounted



IP
30

CRI
>80

UGR
22

84°

Expectancy
72000 h.
L70B10

Efficiency (%)
75,1

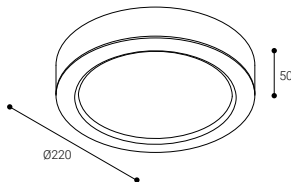
Photobiological safety

RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

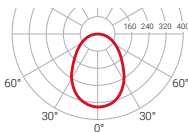
*Time under 3 h.

Go to page 286 to learn more

- RAL9016
- RAL7001
- RAL9005



Microprismatic diffuser



CO-C180
C90-C270
 $\eta=75\%$

	W	K	LUMEN	COLOUR	kg
EHS23B	1x17W	3000	1800 lm	○	1,0
EHS23G	1x17W	3000	1800 lm	●	1,0
EHS23N	1x17W	3000	1800 lm	●	1,0
EHS24B	1x17W	4000	1900 lm	○	1,0
EHS24G	1x17W	4000	1900 lm	●	1,0
EHS24N	1x17W	4000	1900 lm	●	1,0
EHS25B	1x17W	5000	1920 lm	○	1,0
EHS25G	1x17W	5000	1920 lm	●	1,0
EHS25N	1x17W	5000	1920 lm	●	1,0
EHS26B	1x17W	6000	1920 lm	○	1,0
EHS26G	1x17W	6000	1920 lm	●	1,0
EHS26N	1x17W	6000	1920 lm	●	1,0



220v LED, does not need a driver

Hat S

Installation	Ceiling surface mounted Wall surface mounted
Diffuser	Microprismatic diffuser
Light source	LED
Photobiological safety	0
UGR	22
CRI	>80
MacAdam ellipse	3
Beam angle range	84
Power range (W)	17
Colour temperature (°K)	3000 6000
Light range	1800-1920
Power factor	0,98
Efficiency (%)	75,1
Expectancy	72000 h L70B10
DALI Option	—
Continuous function 24h	✓
IP	30
Class	I

Microprismatic diffuser



Other CRI values
please contact us



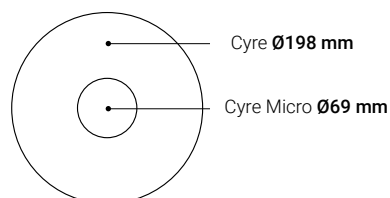
Cyre

CYRE is a range of luminaires for suspended mounting in the ceiling. They are based on a cylindrical extruded aluminium profile and have a reflector made of high reflection technical polycarbonate.

CYRE is available in two sizes (standard and micro) and three finishings (white, grey or black).

Ultimately, a luminaire that illuminates and decorates the room.

Two versions



	Cyre	Cyre Micro
Installation	Ceiling suspended mounted	Ceiling suspended mounted
Diffuser	○	○
Light source	LED	LED
Photobiological safety	1	1
UGR	19	19
CRI	>80	>80
MacAdam ellipse	3	3
Beam angle range	99	94
Power range (W)	11,8-17,4	6,4
Colour temperature (°K)	3000 4000	3000 4000
Light range	1930-2850	760-885
Power factor	0,95	0,92
Efficiency (%)	95,4	92,9
Expectancy	60000 h L70B10	60000 h L70B10
DALI Option	✓	✓
Continuous function 24h	✓	✓
IP	20	20
Class	I	I

○ Without diffuser



For other CRI values, please contact us.

Cyre



Ceiling suspended
mounted



LED CE 850°C

IP
20

CRI
>80

UGR
19

99°

Expectancy
60000 h.
L70B10

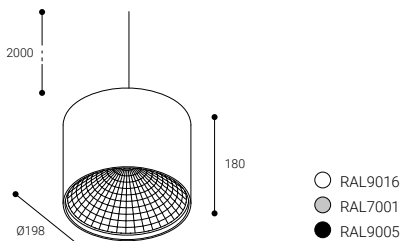
Efficiency (%)
95,4

Photobiological safety

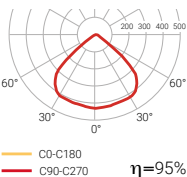
RG0	Risk free
RG1*	1 Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

Go to page 286 to learn more



Without diffuser



	W	K	LUMEN	COLOUR	⚙️
CYL23B	1x11,8W	3000	1930 lm	○	1,1
CYL23G	1x11,8W	3000	1930 lm	●	1,1
CYL23N	1x11,8W	3000	1930 lm	●	1,1
CYL24B	1x11,8W	4000	2050 lm	○	1,1
CYL24G	1x11,8W	4000	2050 lm	●	1,1
CYL24N	1x11,8W	4000	2050 lm	●	1,1
CYL33B	1x17,4W	3000	2650 lm	○	1,1
CYL33G	1x17,4W	3000	2650 lm	●	1,1
CYL33N	1x17,4W	3000	2650 lm	●	1,1
CYL34B	1x17,4W	4000	2850 lm	○	1,1
CYL34G	1x17,4W	4000	2850 lm	●	1,1
CYL34N	1x17,4W	4000	2850 lm	●	1,1



Compatible with **NormaLINK**

	W	K	LUMEN	COLOUR	⚙️
CYL23DB	1x11,8W	3000	1930 lm	○	1,1
CYL23DG	1x11,8W	3000	1930 lm	●	1,1
CYL23DN	1x11,8W	3000	1930 lm	●	1,1
CYL24DB	1x11,8W	4000	2050 lm	○	1,1
CYL24DG	1x11,8W	4000	2050 lm	●	1,1
CYL24DN	1x11,8W	4000	2050 lm	●	1,1
CYL33DB	1x17,4W	3000	2650 lm	○	1,1
CYL33DG	1x17,4W	3000	2650 lm	●	1,1
CYL33DN	1x17,4W	3000	2650 lm	●	1,1
CYL34DB	1x17,4W	4000	2850 lm	○	1,1
CYL34DG	1x17,4W	4000	2850 lm	●	1,1
CYL34DN	1x17,4W	4000	2850 lm	●	1,1

Cyre Micro



Ceiling suspended
mounted

LED CE ENEC 850°C

IP
20

CRI
>80

UGR
19

94°

Expectancy
60000 h.
L70B10

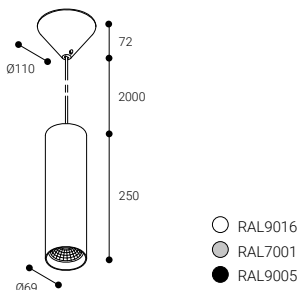
Efficiency (%)
92,9

Photobiological safety

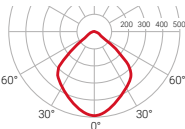
RG0	Risk free
RG1*	1 Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

Go to page 286 to learn more



Without diffuser



C0-C180
C90-C270 $\eta=93\%$



Compatible with **NormaLINK**

	W	K	LUMEN	COLOUR	
CYP03DB	1x6,4W	3000	760 lm	○	0,6
CYP03DG	1x6,4W	3000	760 lm	●	0,6
CYP03DN	1x6,4W	3000	760 lm	●	0,6
CYP04DB	1x6,4W	4000	885 lm	○	0,6
CYP04DG	1x6,4W	4000	885 lm	●	0,6
CYP04DN	1x6,4W	4000	885 lm	●	0,6





Pendulars

PENDULAR is a range of suspended luminaires especially designed to be installed in places with high ceilings and wide spaces. Extruded and anodised aluminium body. The set is completed by two different types of reflector, in anodised aluminium or acrylic (Lexalon).

Pendulars

Installation	Ceiling suspended mounted
Diffuser	☐
Light source	LED
Photobiological safety	1
UGR	19
CRI	>80-90
MacAdam ellipse	3
Beam angle range	28-41
Power range (W)	11,8-39,4
Colour temperature (°K)	3000 4000 5000
Light range	1930-6100
Power factor	0,95
Efficiency (%)	92,5
Expectancy	60000 h L70B10
DALI Option	☒
Continuous function 24h	☒
IP	20
Class	I

☐ Without diffuser

 For other CRI values, please contact us.

Pendulars



Ceiling suspended
mounted



LED CE ENEC 850°C

IP
20

CRI
>80-90

UGR
19

28-41°

Expectancy
60000 h.
L70B10

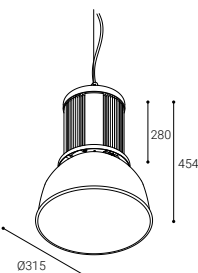
Efficiency (%)
92,5

Photobiological safety

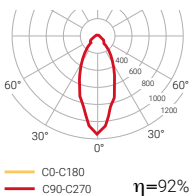
RG0	Risk free
RG1*	1 Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

Go to page 286 to learn more



Without diffuser



	W	K	LUMEN	COLOUR	h ₉₀
VP12L23	1x11,8W	3000	1930 lm	A	3,4
VP12L24	1x11,8W	4000	2050 lm	A	3,4
VP12L33	1x17,4W	3000	2650 lm	A	3,4
VP12L34	1x17,4W	4000	2850 lm	A	3,4
VP12L43	1x25,1W	3000	3580 lm	A	3,4
VP12L44	1x25,1W	4000	3780 lm	A	3,4
VP12L53	1x39,4W	3000	4750 lm	A	3,4
VP12L54	1x39,4W	4000	4980 lm	A	3,4
VP12L63	1x35,2W	3000	5800 lm	A	3,4
VP12L64	1x35,2W	4000	6100 lm	A	3,4



Compatible with **NormaLINK**

	W	K	LUMEN	COLOUR	h ₉₀
VP12L23D	1x11,8W	3000	1930 lm	A	3,4
VP12L24D	1x11,8W	4000	2050 lm	A	3,4
VP12L33D	1x17,4W	3000	2650 lm	A	3,4
VP12L34D	1x17,4W	4000	2850 lm	A	3,4
VP12L43D	1x25,1W	3000	3580 lm	A	3,4
VP12L44D	1x25,1W	4000	3780 lm	A	3,4
VP12L53D	1x39,4W	3000	4750 lm	A	3,4
VP12L54D	1x39,4W	4000	4980 lm	A	3,4
VP12L63D	1x35,2W	3000	5800 lm	A	3,4
VP12L64D	1x35,2W	4000	6100 lm	A	3,4

Ref. VP Acrylic reflector

Pendulars



Led Bread



VP12LB
3000K
2540 lm
CRI 85

Led Fish



VP12LF
5000K
3250 lm
CRI 90

Led Meat



VP12LM
4000K
1760 lm
CRI 82

SPECIAL COLOUR TEMPERATURE FOR FOOD INDUSTRY

LEDS FOOD						
		W	K	LUMEN	COLOUR	
VP12LB		1x29,9W	3000	2540 lm		3,4
VP12LF		1x25,5W	5000	3250 lm		3,4
VP12LM		1x25,5W	4000	1760 lm		3,4

Ref. VP Acrylic reflector

Pendulars



Ceiling suspended
mounted



LED CE 850°C

IP
20

CRI
>80-90

UGR
19

28-41°

Expectancy
60000 h.
L70B10

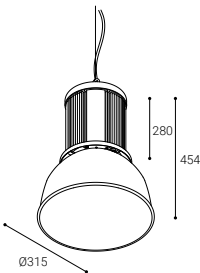
Efficiency (%)
87,6

Photobiological safety

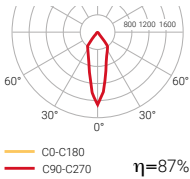
RG0	Risk free
RG1*	1 Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

Go to page 286 to learn more



Without diffuser



	W	K	LUMEN	COLOUR	h ₉₀
VPA12L23	1x11,8W	3000	1930 lm	A	3,4
VPA12L24	1x11,8W	4000	2050 lm	A	3,4
VPA12L33	1x17,4W	3000	2650 lm	A	3,4
VPA12L34	1x17,4W	4000	2850 lm	A	3,4
VPA12L43	1x25,1W	3000	3580 lm	A	3,4
VPA12L44	1x25,1W	4000	3780 lm	A	3,4
VPA12L53	1x39,4W	3000	4750 lm	A	3,4
VPA12L54	1x39,4W	4000	4980 lm	A	3,4
VPA12L63	1x35,2W	3000	5800 lm	A	3,4
VPA12L64	1x35,2W	4000	6100 lm	A	3,4



Compatible with **NormaLINK**

	W	K	LUMEN	COLOUR	h ₉₀
VPA12L23D	1x11,8W	3000	1930 lm	A	3,4
VPA12L24D	1x11,8W	4000	2050 lm	A	3,4
VPA12L33D	1x17,4W	3000	2650 lm	A	3,4
VPA12L34D	1x17,4W	4000	2850 lm	A	3,4
VPA12L43D	1x25,1W	3000	3580 lm	A	3,4
VPA12L44D	1x25,1W	4000	3780 lm	A	3,4
VPA12L53D	1x39,4W	3000	4750 lm	A	3,4
VPA12L54D	1x39,4W	4000	4980 lm	A	3,4
VPA12L63D	1x35,2W	3000	5800 lm	A	3,4
VPA12L64D	1x35,2W	4000	6100 lm	A	3,4

Ref. VPA Aluminium reflector

Pendulars



Led Bread



VPA12LB
3000K
2540 lm
CRI 85

Led Fish



VPA12LF
5000K
3250 lm
CRI 90

Led Meat



VPA12LM
4000K
1760 lm
CRI 82

SPECIAL COLOUR TEMPERATURE FOR FOOD INDUSTRY

LEDS FOOD						
		W	K	LUMEN	COLOUR	
VPA12LB		1x29,9W	3000	2540 lm		3,4
VPA12LF		1x25,5W	5000	3250 lm		3,4
VPA12LM		1x25,5W	4000	1760 lm		3,4

Ref. VPA Aluminium reflector

ACCESSORIES

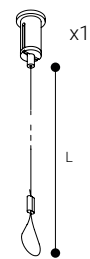
Suspension accessory

	L (m)	COLOUR
1027VPG	4	
1028VPG	2	
1029L2VP	2	
1029L4VP	4	

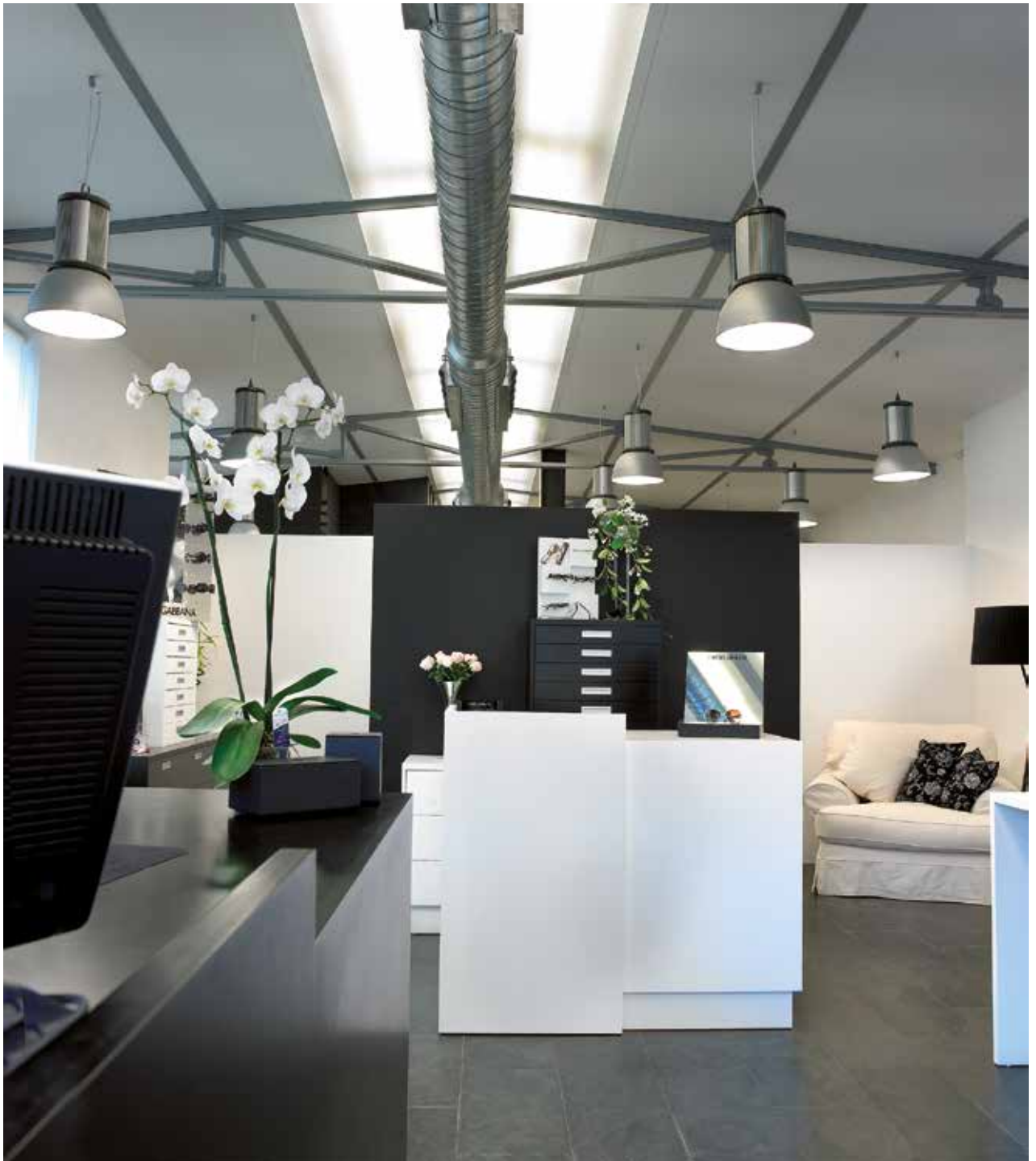
1027VPG
1028VPG



1029L2VP
1029L4VP



The suspension accessory does not include the power cable.





Pagoda

Luminaire to be suspended from the ceiling. Consists of an external aluminium with a second reflector and the electronic equipment inside. Tempered glass is used to close the set. Suspended by a metal wire.

Pagoda

Installation	Ceiling suspended mounted
Diffuser	
Light source	LED
Photobiological safety	1
UGR	22
CRI	>80-90
MacAdam ellipse	3
Beam angle range	94
Power range (W)	17,4-39,4
Colour temperature (°K)	3000 4000 5000
Light range	1760-6100
Power factor	0,95
Efficiency (%)	89,2
Expectancy	60000 h L70B10
DALI Option	✓
Continuous function 24h	✓
IP	20
Class	I

 Concentric diffuser



For other CRI values, please contact us.

Pagoda



Ceiling suspended
mounted



LED CE ENEC 850°C

IP
20

CRI
>80-90

UGR
22

94°

Expectancy
60000 h.
L70B10

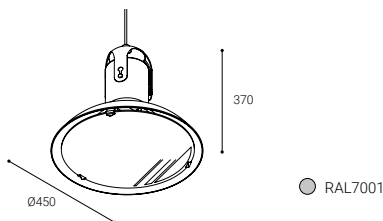
Efficiency (%)
89,2

Photobiological safety

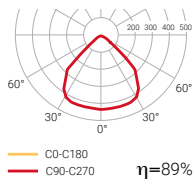
RG0	Risk free
RG1*	1 Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

Go to page 286 to learn more



Concentric diffuser



	W	K	LUMEN	COLOUR	η _{lm}
VG33G	1x17,4W	3000	2650 lm	●	3,9
VG34G	1x17,4W	4000	2850 lm	●	3,9
VG43G	1x25,1W	3000	3580 lm	●	3,9
VG44G	1x25,1W	4000	3780 lm	●	3,9
VG53G	1x39,4W	3000	4750 lm	●	3,9
VG54G	1x39,4W	4000	4980 lm	●	3,9
VG63G	1x35,2W	3000	5800 lm	●	3,9
VG64G	1x35,2W	4000	6100 lm	●	3,9



Compatible with **NormaLINK**

	W	K	LUMEN	COLOUR	η _{lm}
VG33DG	1x17,4W	3000	2650 lm	●	3,9
VG34DG	1x17,4W	4000	2850 lm	●	3,9
VG43DG	1x25,1W	3000	3580 lm	●	3,9
VG44DG	1x25,1W	4000	3780 lm	●	3,9
VG53DG	1x39,4W	3000	4750 lm	●	3,9
VG54DG	1x39,4W	4000	4980 lm	●	3,9
VG63DG	1x35,2W	3000	5800 lm	●	3,9
VG64DG	1x35,2W	4000	6100 lm	●	3,9

Pagoda



Led Bread	Led Fish	Led Meat
		
VGBG 3000K 2540 lm CRI 85	VGFG 5000K 3250 lm CRI 90	VGMG 4000K 1760 lm CRI 82

SPECIAL COLOUR TEMPERATURE FOR FOOD INDUSTRY

LEDS FOOD						
		W	K	LUMEN	COLOUR	
VGBG		1x29,9W	3000	2540 lm		3,9
VGFG		1x25,5W	5000	3250 lm		3,9
VGMG		1x25,5W	4000	1760 lm		3,9

Concentric diffuser

ACCESSORIES

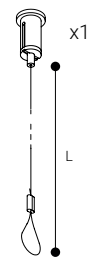
Suspension accessory

	L (m)	COLOUR
1027VPG	4	
1028VPG	2	
1029L2VP	2	
1029L4VP	4	

1027VPG
1028VPG



1029L2VP
1029L4VP



The suspension accessory does not include the power cable.





Panels

Nassel Avant	120
Nassel	124
Nassel S	126
Luzerna Avant	129
Oqio	133
Eclipse	135



Nassel Avant

NASSEL AVANT is an LED panel with a metallic frame and a multi-reflector plastic system that provides uniform and comfortable lighting in the workplace environment.



It is available in
SALUZ version, page 121

Nassel Avant

Installation	Ceiling recessed mounted
Diffuser	○
Light source	LED
Photobiological safety	0
UGR	16
CRI	>80
MacAdam ellipse	3
Beam angle range	77
Power range (W)	25,9-27
Colour temperature (°K)	2700 - 6500
Light range	3345-5000
Power factor	0,95
Efficiency (%)	68,75
Expectancy	72000 h L70B10
DALI Option	✓
Continuous function 24h	✓
IP	44
Class	II
Ideal cut out (mm)	600x600

○ Without diffuser



For other CRI values, please contact us.



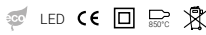
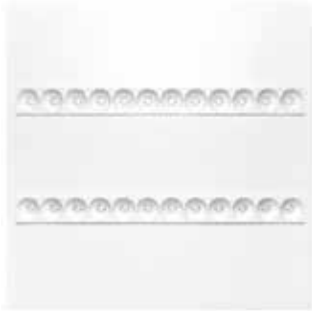
Please ask us for other
installing options for
modular ceiling

Nassel Avant

N
New



Ceiling recessed
mounted



IP
44

CRI
>80

UGR
16

77°

Expectancy
72000 h.
L70B10

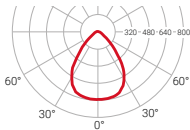
Efficiency (%)
68,75

Photobiological safety

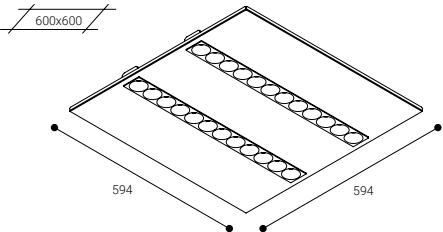
RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

Go to page 286 to learn more



— C0-C180
— C90-C270
η=68,75%



○ RAL9016

NUMBER OF FITTINGS NEEDED FOR A STANDARD INSTALLATION

NX34

	200 lx	300 lx	500 lx
50 m ²	3	5	10
100 m ²	7	11	18
150 m ²	10	16	26
200 m ²	14	22	36

Height used for the calculation: 2,8 m

	W	K	LUMEN	COLOUR		PACKAGING
NX33B	1x27W	3000	4800 lm	○	2,9	5
NX34B	1x27W	4000	5000 lm	○	2,9	5



Compatible with **NormaLINK**

	W	K	LUMEN	COLOUR		PACKAGING
NX33DB	1x27W	3000	4800 lm	○	2,9	5
NX34DB	1x27W	4000	5000 lm	○	2,9	5

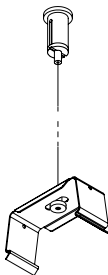
ACCESSORIES

Suspension kit (all models)

NXKS



Each kit includes 4 units of NXKS for
the installation of one unit.



Nassel Avant

Nassel Avant salUZ®

IP
44

CRI
>80

UGR
16

77°

Expectancy
72000 h.
L70B10

Efficiency (%)
68,75

Photobiological safety

RG0

0 Risk free

RG1*

Low risk

RG2

Moderate risk

RG3

High risk

*Time under 3 h.

Go to page 286 to learn more

		W	K	LUMEN	COLOUR		PACKAGING
NX3ZB		1x25,9W	2700-5600	3345 lm		2,9	5
NX3ZSB		1x25,9W	2700-5600	3345 lm		2,9	5
NX3TWB		1x25,9W	2700-6500	3345 lm		2,9	5

RAL9016

Versions

salUZ®

Self-contained

Once the luminaire has been connected to mains, it automatically modifies the intensity and the tone of the light all over the day.

salUZ®

Self-contained+

+ LIGHT SENSOR

Same features as the self-contained version but additionally including a sensor which makes it possible to regulate the amount of light.

salUZ®

Tunable white

COMPATIBLE WITH NORMALINK

This version makes it possible to modify circadian cycles from Normalink in remote, and also to adapt them to the specific needs of the project.





Nassel



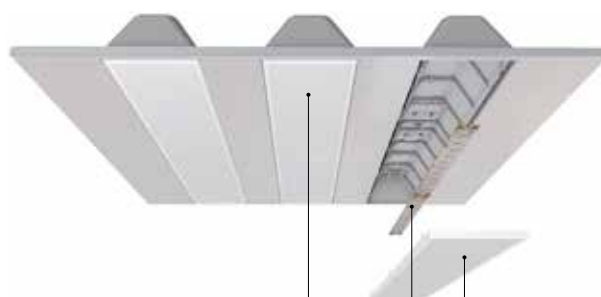
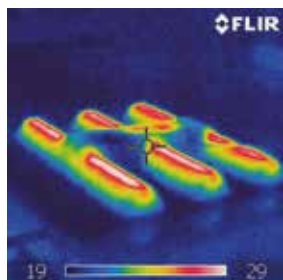
Premio IDEPA



IDEPA prize
"Best innovative project"

Nassel is an innovative LED luminaire model particularly suitable for modular ceilings. Achieves direct and comfortable light thanks to the combination of two diffusers (a microprismatic diffuser and an opal diffuser) and a highly reflective thermoplastic reflector.

NASSEL S is the version of this fitting for surface ceiling mounting.



- 1 Light structure and less weight
- 2 Interchangeable LED plate, Zhaga standard
- 3 Microprismatic diffuser for a better performance of the light output (UGR<19)

1

2

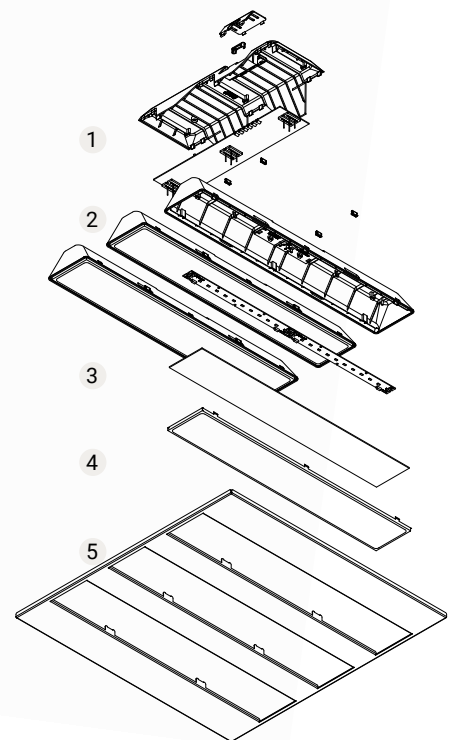
3



	Nassel	Nassel S
Installation	Ceiling recessed mounted	Ceiling surface mounted Ceiling suspended mounted
Diffuser		
Light source	LED	LED
Photobiological safety	0	0
UGR	16	16
CRI	>80	>80
MacAdam ellipse	3	3
Beam angle range	73	73
Power range (W)	36-48	24-48
Colour temperature (°K)	3000 4000	3000 4000
Light range	3400-7400	3400-7400
Power factor	0,95	0,95
Efficiency (%)	80,3	80,3
Expectancy	60000 h L70B10	60000 h L70B10
DALI Option	✓	✓
Continuous function 24h	✓	✓
IP	20-44	30
Class	II	II
Ideal cut out (mm)	600x600 1200x300 1200x600	

 Microprismatic diffuser

 For other CRI values, please contact us.



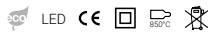
- 1 Terminal board
- 2 Heat sink
- 3 Intermediate diffuser
- 4 Microprismatic diffuser
- 5 Housing

 Please, ask for the technical datasheets of all the luminaires.

Nassel



Ceiling recessed
mounted



IP
20-44

CRI
>80

UGR
16

73°

Expectancy
60000 h.
L70B10

Efficiency (%)
80,3

Photobiological safety

RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

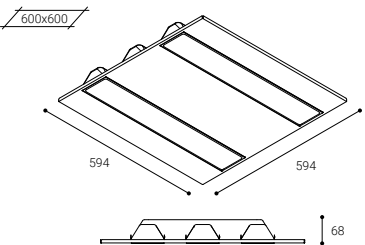
*Time under 3 h.

Go to page 286 to learn more

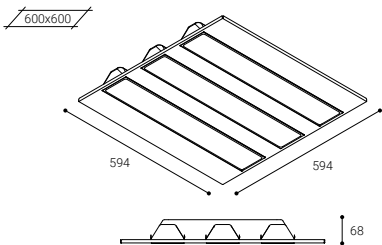
○ RAL9016

**Modular ceiling
mounted**

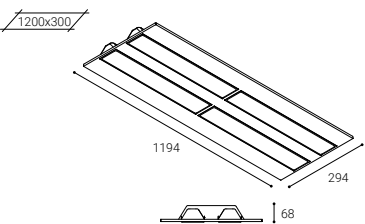
NS2



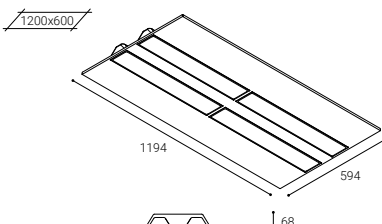
NS3



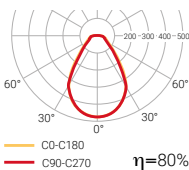
NS4



NS5



Microprismatic diffuser



	W	K	LUMEN	COLOUR	
NS23B	1x24W	3000	3400 lm	○	2,9
NS24B	1x24W	4000	3700 lm	○	2,9
NS33B	1x36W	3000	5100 lm	○	2,9
NS34B	1x36W	4000	5550 lm	○	2,9
NS43B	1x48W	3000	6800 lm	○	2,9
NS44B	1x48W	4000	7400 lm	○	2,9
NS53B	1x48W	3000	6800 lm	○	7,0
NS54B	1x48W	4000	7400 lm	○	7,0



Compatible with **NormaLINK**

	W	K	LUMEN	COLOUR	
NS23DB	1x24W	3000	3400 lm	○	2,9
NS24DB	1x24W	4000	3700 lm	○	2,9
NS33DB	1x36W	3000	5100 lm	○	2,9
NS34DB	1x36W	4000	5550 lm	○	2,9
NS43DB	1x48W	3000	6800 lm	○	2,9
NS44DB	1x48W	4000	7400 lm	○	2,9
NS53DB	1x48W	3000	6800 lm	○	7,0
NS54DB	1x48W	4000	7400 lm	○	7,0

**CUSTOMIZATION
OPTIONS
AVAILABLE**

Nassel for plasterboard ceilings

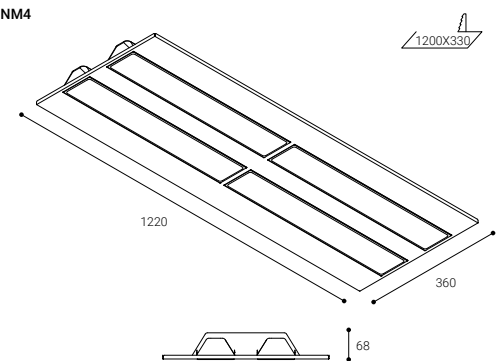
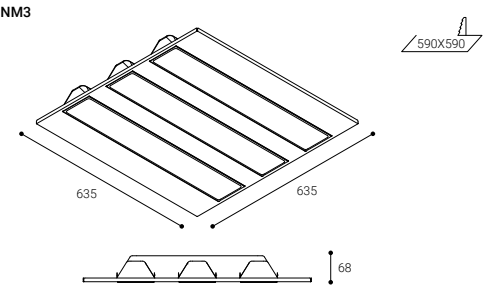
NUMBER OF FITTINGS NEEDED FOR A STANDARD INSTALLATION

NS34B

	200 lx	300 lx	500 lx
50 m ²	3	4	6
100 m ²	4	8	10
150 m ²	6	10	15
200 m ²	6	12	20

Height used for the calculation: 2,8 m

 **Plaster ceiling mounted**



○ RAL9016

	W	K	LUMEN	COLOUR	
NM33B	1x36W	3000	5100 lm	○	2,9
NM34B	1x36W	4000	5550 lm	○	2,9
NM43B	1x48W	3000	6800 lm	○	2,9
NM44B	1x48W	4000	7400 lm	○	2,9



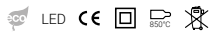
Compatible with **NormaLINK** 

	W	K	LUMEN	COLOUR	
NM33DB	1x36W	3000	5100 lm	○	2,9
NM34DB	1x36W	4000	5550 lm	○	2,9
NM43DB	1x48W	3000	6800 lm	○	2,9
NM44DB	1x48W	4000	7400 lm	○	2,9

Nassel S



Ceiling surface
mounted



IP
30

CRI
>80

UGR
16

73°

Expectancy
60000 h.
L70B10

Efficiency (%)
80,3

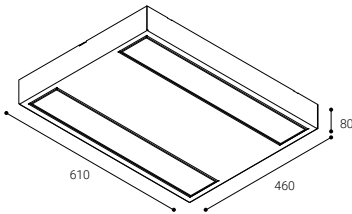
Photobiological safety

RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

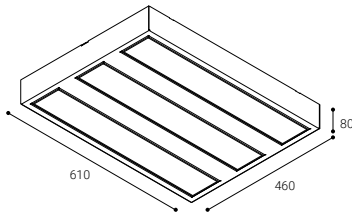
*Time under 3 h.

[Go to page 286 to learn more](#)

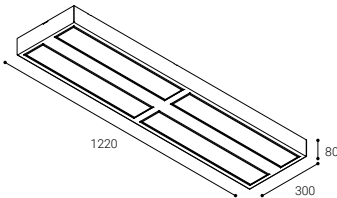
NA2



NA3

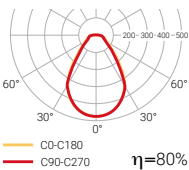


NA4



○ RAL9016

Microprismatic diffuser



	W	K	LUMEN	COLOUR	
NA23B	1x24W	3000	3400 lm	○	4,8
NA24B	1x24W	4000	3700 lm	○	4,8
NA33B	1x36W	3000	5100 lm	○	4,8
NA34B	1x36W	4000	5550 lm	○	4,8
NA43B	1x48W	3000	6800 lm	○	4,8
NA44B	1x48W	4000	7400 lm	○	4,8



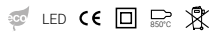
Compatible with **NormaLINK**

	W	K	LUMEN	COLOUR	
NA23DB	1x24W	3000	3400 lm	○	4,8
NA24DB	1x24W	4000	3700 lm	○	4,8
NA33DB	1x36W	3000	5100 lm	○	4,8
NA34DB	1x36W	4000	5550 lm	○	4,8
NA43DB	1x48W	3000	6800 lm	○	4,8
NA44DB	1x48W	4000	7400 lm	○	4,8

Nassel S



Ceiling suspended
mounted



IP
20

CRI
>80

UGR
16

73°

Expectancy
60000 h.
L70B10

Efficiency (%)
80,3

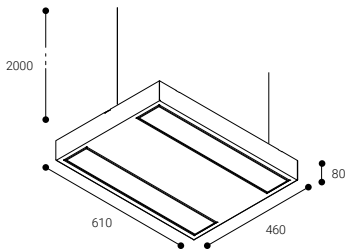
Photobiological safety

RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

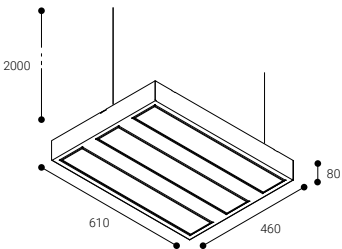
*Time under 3 h.

Go to page 286 to learn more

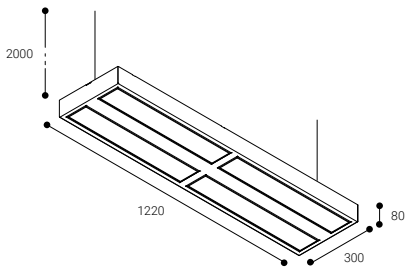
NAS2



NAS3

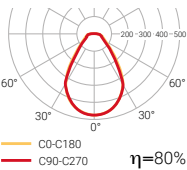


NAS4



○ RAL9016

Microprismatic diffuser



	W	K	LUMEN	COLOUR	
NAS23B	1x24W	3000	3400 lm	○	4,8
NAS24B	1x24W	4000	3700 lm	○	4,8
NAS33B	1x36W	3000	5100 lm	○	4,8
NAS34B	1x36W	4000	5550 lm	○	4,8
NAS43B	1x48W	3000	6800 lm	○	4,8
NAS44B	1x48W	4000	7400 lm	○	4,8

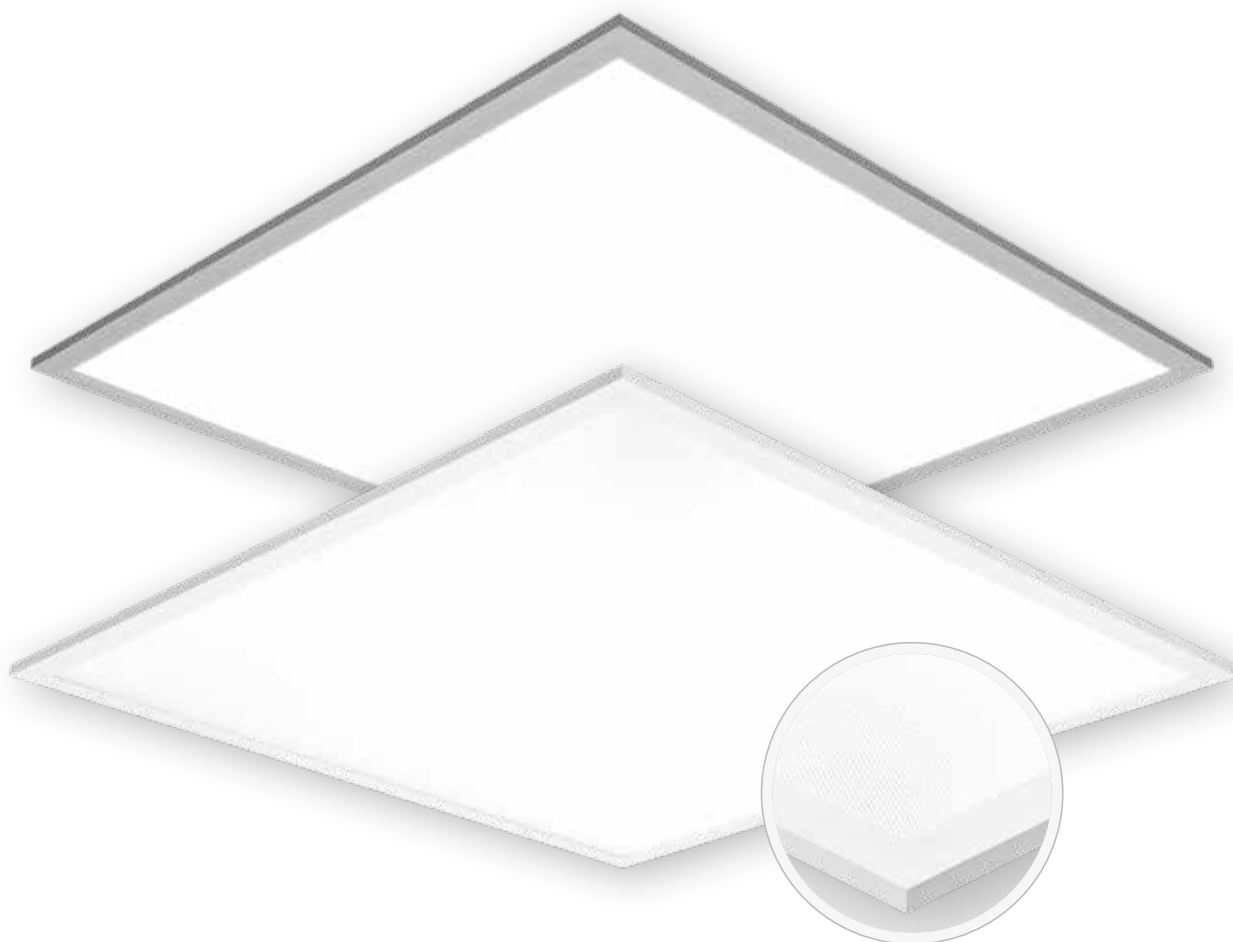


Compatible with **NormaLINK**

	W	K	LUMEN	COLOUR	
NAS23DB	1x24W	3000	3400 lm	○	4,8
NAS24DB	1x24W	4000	3700 lm	○	4,8
NAS33DB	1x36W	3000	5100 lm	○	4,8
NAS34DB	1x36W	4000	5550 lm	○	4,8
NAS43DB	1x48W	3000	6800 lm	○	4,8
NAS44DB	1x48W	4000	7400 lm	○	4,8



CUSTOMIZATION
OPTIONS AVAILABLE



Luzerna Avant

New Normalit luminaire for modular ceilings, presented in three different sizes:
600 x 600, 1200 x 300, 1200 x 600.

To be installed in plasterboard ceilings, suspended or surface mounted with accessories.

Two versions:

UGR
19

**Diffuser with
PS technical**

UGR
16

**PMMA
microprismatic
diffuser**



 Please, ask for the technical datasheets of all the luminaires.

Luzerna Avant

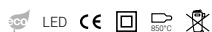
Installation	Recessed to modular ceiling Recessed to plaster ceiling with accessories Surface mounted with accessories Suspended with accessories
Diffuser	○
Light source	LED
Photobiological safety	0
UGR	16 19
CRI	>80
MacAdam ellipse	3
Beam angle range	114
Power range (W)	32-64
Colour temperature (°K)	3000 4000 5000
Light range	4320-10280
Power factor	0,96
Efficiency (%)	77,74
Expectancy	50000 h L70B10
DALI Option	✓
Continuous function 24h	✓
IP	20-44
Class	II
Ideal cut out (mm)	600x600 1200x300 1200x600

○ Without diffuser

Luzerna Avant



Ceiling recessed
mounted



IP
20-54

CRI
>80

UGR
19

114°

Expectancy
50000 h.
L70B50

Efficiency (%)
77,74

Photobiological safety

RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

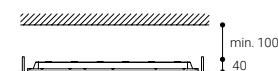
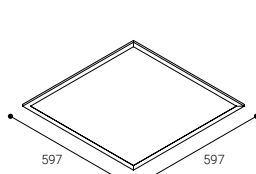
*Time under 3 h.

Go to page 286 to learn more

○ RAL9016

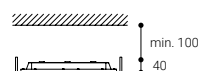
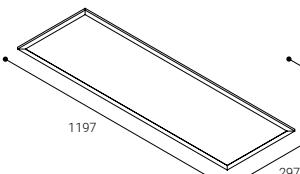
LX3

600x600



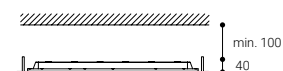
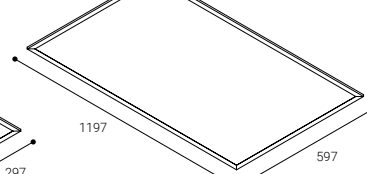
LX4

1200x300

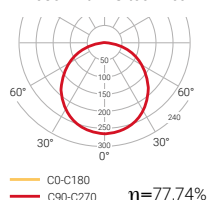


LX5

1200x600



Diffuser with PS technical



DIFFUSER WITH PS TECHNICAL

	W	K	LUMEN	COLOUR		PACKAGING
LX33B	1x32W	3000	4320 lm	○	2,9	6
LX34B	1x32W	4000	5140 lm	○	2,2	6
LX35B	1x32W	5000	5140 lm	○	2,9	6
LX43B	1x32W	3000	4320 lm	○	2,9	6
LX44B	1x32W	4000	5140 lm	○	2,9	6
LX45B	1x32W	5000	5140 lm	○	2,9	6
LX53B	1x64W	3000	8640 lm	○	5,8	3
LX54B	1x64W	4000	10280 lm	○	5,8	3
LX55B	1x64W	5000	10280 lm	○	5,8	3



Compatible with **NormaLINK**

NUMBER OF FITTINGS NEEDED FOR A STANDARD INSTALLATION

LX34

	200 lx	300 lx	500 lx
50 m ²	3	4	6
100 m ²	5	8	14
150 m ²	7	12	20
200 m ²	10	16	26

Height used for the calculation: 2,8 m

	W	K	LUMEN	COLOUR		PACKAGING
LX33DB	1x32W	3000	4320 lm	○	2,9	6
LX34DB	1x32W	4000	5140 lm	○	2,2	6
LX35DB	1x32W	5000	5140 lm	○	2,2	6
LX43DB	1x32W	3000	4320 lm	○	2,9	6
LX44DB	1x32W	4000	5140 lm	○	2,9	6
LX45DB	1x32W	5000	5140 lm	○	2,9	6
LX53DB	1x64W	3000	8640 lm	○	5,8	3
LX54DB	1x64W	4000	10280 lm	○	5,8	3
LX55DB	1x64W	5000	10280 lm	○	5,8	3

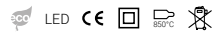
Luzerna Avant



Ceiling recessed
mounted



New



IP
20-54

CRI
>80

UGR
16

114°

Expectancy
50000 h.
L70B50

Efficiency (%)
79,9

Photobiological safety

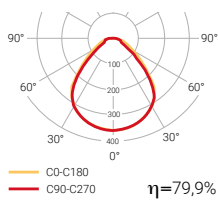
RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

Go to page 286 to learn more

○ RAL9016

PMMA microprismatic diffuser



PMMA MICROPRISMATIC DIFFUSER

	W	K	LUMEN	COLOUR		PACKAGING
LX33GB	1x32W	3000	4320 lm	○	2,2	6
LX34GB	1x32W	4000	5140 lm	○	2,2	6
LX35GB	1x32W	5000	5140 lm	○	2,2	6
LX43GB	1x32W	3000	4320 lm	○	2,2	6
LX44GB	1x32W	4000	5140 lm	○	2,2	6
LX45GB	1x32W	5000	5140 lm	○	2,2	6
LX53GB	1x64W	3000	8640 lm	○	2,2	3
LX54GB	1x64W	4000	10280 lm	○	2,2	3
LX55GB	1x64W	5000	10280 lm	○	2,2	3



Compatible with **NormaLINK**

	W	K	LUMEN	COLOUR		PACKAGING
LX33DGB	1x32W	3000	4320 lm	○	2,2	6
LX34DGB	1x32W	4000	5140 lm	○	2,2	6
LX35DGB	1x32W	5000	5140 lm	○	2,2	6
LX43DGB	1x32W	3000	4320 lm	○	2,2	6
LX44DGB	1x32W	4000	5140 lm	○	2,2	6
LX45DGB	1x32W	5000	5140 lm	○	2,2	6
LX53DGB	1x64W	3000	8640 lm	○	2,2	3
LX54DGB	1x64W	4000	10280 lm	○	2,2	3
LX55DGB	1x64W	5000	10280 lm	○	2,2	3

ACCESSORIES

LX3M	Kit for plaster recessed installation 600x600
LX4M	Kit for plaster recessed installation 1200x300
LX5M	Kit for plaster recessed installation 1200x600
LXKS	Kit for suspended installation (all models)
LXS3B	Kit for surface mounted 600x600
LXS4B	Kit for surface mounted 1200x300
LXS5B	Kit for surface mounted 1200x600



Luzerna Avant

Special decorative finishings

Customize by theme, size and/or format.

Please ask us for more information





Oqio

The Oqio luminaire is specifically designed to combine high light efficiency with visual comfort for any application.

Oqio is constructed in three pieces (high bright aluminium reflector, polycarbonate diffuser and galvanised sheet steel body) assembled without tools, which makes installation and maintenance very fast.

Oqio	
Installation	Ceiling recessed mounted
Diffuser	
Light source	LED
Photobiological safety	0
UGR	22
CRI	>80
MacAdam ellipse	3
Beam angle range	104
Power range (W)	40,2
Colour temperature (°K)	3000 4000
Light range	5580-6000
Power factor	0,98
Efficiency (%)	85,1
Expectancy	60000 h L70B10
DALI Option	✓
Continuous function 24h	✓
IP	20
Class	I
Ideal cut out (mm)	Ø520 600x600

 Opal diffuser

 For other CRI values, please contact us.

Oqio



Ceiling recessed
mounted



300° LED CE 850°C

IP
20

CRI
>80

UGR
22

104°

Expectancy
60000 h.
L70B10

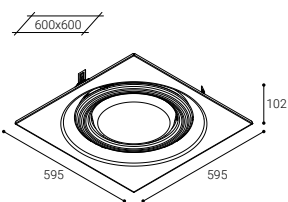
Efficiency (%)
85,1

Photobiological safety

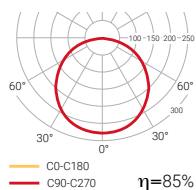
RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

Go to page 286 to learn more



Opal diffuser

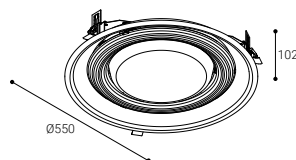


	W	K	LUMEN	COLOUR	
OQ53M	1x40,2W	3000	5580 lm	○	3,6
OQ54M	1x40,2W	4000	6000 lm	○	3,6



Compatible with **NormaLINK**

	W	K	LUMEN	COLOUR	
OQ53MD	1x40,2W	3000	5580 lm	○	3,6
OQ54MD	1x40,2W	4000	6000 lm	○	3,6



Ideal cut out
Ø520
Circular cut

○ RAL9016

	W	K	LUMEN	COLOUR	
OQ53	1x40,2W	3000	5580 lm	○	2,3
OQ54	1x40,2W	4000	6000 lm	○	2,3



Compatible with **NormaLINK**

	W	K	LUMEN	COLOUR	
OQ53D	1x40,2W	3000	5580 lm	○	2,3
OQ54D	1x40,2W	4000	6000 lm	○	2,3



Eclipse

ECLIPSE is a large format suspended downlight for ceiling surface mounting. It is available in two versions: with or without a central hole.

ECLIPSE with a hole can be provided with either direct, indirect or direct/indirect.

Eclipse

Installation	Ceiling suspended mounted Ceiling surface mounted
Diffuser	
Light source	LED
Photobiological safety	0
UGR	22
CRI	>80
MacAdam ellipse	3
Beam angle range	—
Power range (W)	57-85,5
Colour temperature (°K)	3000 4000
Light range	9000-13750
Power factor	0,95
Efficiency (%)	72
Expectancy	60000 h L70B10
DALI Option	✓
Continuous function 24h	✓
IP	20
Class	I

 Opal diffuser

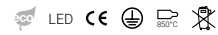


For other CRI values, please contact us.

Eclipse



Ceiling suspended
mounted



IP
20

CRI
>80

UGR
22

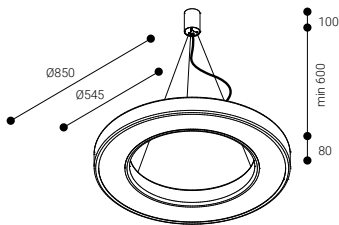
Expectancy
60000 h.
L70B10

Photobiological safety

RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

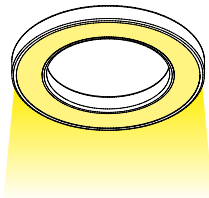
*Time under 3 h.

Go to page 286 to learn more

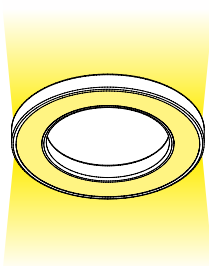


○ RAL9016

Direct light



Direct/indirect light



DIRECT LIGHT

	W	K	LUMEN	COLOUR	
EC830B	1x57W	3000	9000 lm	○	7,5
EC840B	1x57W	4000	9170 lm	○	7,5

DIRECT/INDIRECT LIGHT

	W	K	LUMEN	COLOUR	
EC83MB	1x85,5W	3000	13500 lm	○	7,5
EC84MB	1x85,5W	4000	13750 lm	○	7,5



Compatible with **NormaLINK**

DIRECT LIGHT

	W	K	LUMEN	COLOUR	
EC830DB	1x57W	3000	9000 lm	○	7,5
EC840DB	1x57W	4000	9170 lm	○	7,5

DIRECT/INDIRECT LIGHT

	W	K	LUMEN	COLOUR	
EC83MDB	1x85,5W	3000	13500 lm	○	7,5
EC84MDB	1x85,5W	4000	13750 lm	○	7,5

Eclipse



Ceiling
suspended
mounted



Ceiling
surface
mounted



LED CE 850°C

IP
20

CRI
>80

UGR
22

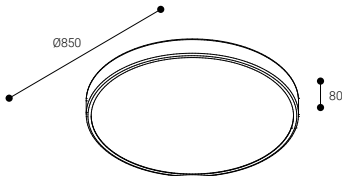
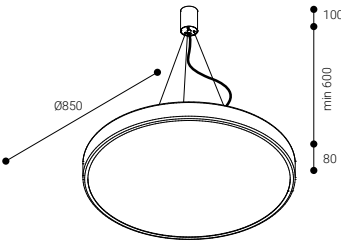
Expectancy
60000 h.
L70B10

Photobiological safety

RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

Go to page 286 to learn more



○ RAL9016

DIRECT LIGHT

	W	K	LUMEN	Installation	COLOUR	⚡
EC83AB	1x63,2W	3000	11680 lm	☐	○	7,5
EC84AB	1x63,2W	4000	12200 lm	☐	○	7,5
EC83SB	1x63,2W	3000	11680 lm	⬇	○	7,5
EC84SB	1x63,2W	4000	12200 lm	⬇	○	7,5



Compatible with **NormaLINK**

DIRECT LIGHT

	W	K	LUMEN	Installation	COLOUR	⚡
EC83ADB	1x63,2W	3000	11680 lm	☐	○	7,5
EC84ADB	1x63,2W	4000	12200 lm	☐	○	7,5
EC83SDB	1x63,2W	3000	11680 lm	⬇	○	7,5
EC84SDB	1x63,2W	4000	12200 lm	⬇	○	7,5

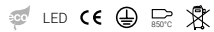






Industrial

Markt	141
Blok Avant	146
Blok	150
Blok R	151
Hermetic Line M	153
Hermetic Line	155
Hermetic XL	157



Markt

Markt is a linear lighting system for supermarkets and malls.

It has a connection system that allows continuous lighting line of pieces of two meters.

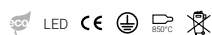
There are four different optics available that allows to direct the light wherever it is more convenient: Intensive (30°), medium (60°), extensive (90°) and double asymmetric (75°).

Markt	
Installation	Ceiling suspended mounted Ceiling surface mounted
Diffuser	
Light source	LED
Photobiological safety	1
UGR	19
CRI	>80
MacAdam ellipse	3
Beam angle range	30-90
Power range (W)	76,4-112,7
Colour temperature (°K)	3000 4000
Light range	12320-18410
Power factor	0,95
Efficiency (%)	96,3
Expectancy	60000 h L70B10
DALI Option	✓
Continuous function 24h	✓
IP	40
IK	04-06-08
Class	I

PMMA lens

For other CRI values, please contact us.

Markt

Ceiling
suspended
mountedCeiling
surface
mountedIP
40IK
04-06-08CRI
>80UGR
19

30-90°

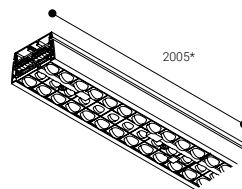
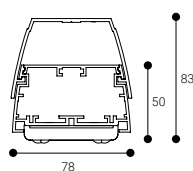
Expectancy
60000 h.
L70B10Efficiency (%)
96,3

Photobiological safety

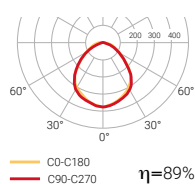
RG0	Risk free
RG1*	1 Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

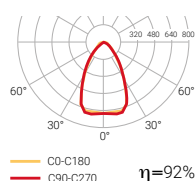
Go to page 286 to learn more

*Customizable length
by project○ RAL9016
● RAL9005

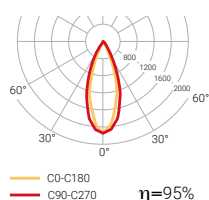
Extensive optics



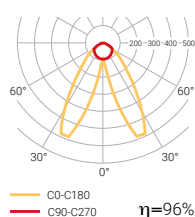
Medium optics



Intensive optics



Double optics



	W	K	LUMEN		OPTICS	COLOUR	
MK7L3FB	1x76,44W	3000	12320 lm	90°	Extensive	○	5,1
MK7L3FN	1x76,44W	3000	12320 lm	90°	Extensive	●	5,1
MK7L3MB	1x76,44W	3000	12320 lm	60°	Medium	○	5,1
MK7L3MN	1x76,44W	3000	12320 lm	60°	Medium	●	5,1
MK7L3SB	1x76,44W	3000	12320 lm	30°	Intensive	○	5,1
MK7L3SN	1x76,44W	3000	12320 lm	30°	Intensive	●	5,1
MK7L3YB	1x76,44W	3000	12320 lm	75°	Double	○	5,1
MK7L3YN	1x76,44W	3000	12320 lm	75°	Double	●	5,1
MK7L4FB	1x76,44W	4000	13230 lm	90°	Extensive	○	5,1
MK7L4FN	1x76,44W	4000	13230 lm	90°	Extensive	●	5,1
MK7L4MB	1x76,44W	4000	13230 lm	60°	Medium	○	5,1
MK7L4MN	1x76,44W	4000	13230 lm	60°	Medium	●	5,1
MK7L4SB	1x76,44W	4000	13230 lm	30°	Intensive	○	5,1
MK7L4SN	1x76,44W	4000	13230 lm	30°	Intensive	●	5,1
MK7L4YB	1x76,44W	4000	13230 lm	75°	Double	○	5,1
MK7L4YN	1x76,44W	4000	13230 lm	75°	Double	●	5,1
MK7H3FB	1x112,7W	3000	17115 lm	90°	Extensive	○	5,1
MK7H3FN	1x112,7W	3000	17115 lm	90°	Extensive	●	5,1
MK7H3MB	1x112,7W	3000	17115 lm	60°	Medium	○	5,1
MK7H3MN	1x112,7W	3000	17115 lm	60°	Medium	●	5,1
MK7H3SB	1x112,7W	3000	17115 lm	30°	Intensive	○	5,1
MK7H3SN	1x112,7W	3000	17115 lm	30°	Intensive	●	5,1
MK7H3YB	1x112,7W	3000	17115 lm	75°	Double	○	5,1
MK7H3YN	1x112,7W	3000	17115 lm	75°	Double	●	5,1
MK7H4FB	1x112,7W	4000	18410 lm	90°	Extensive	○	5,1
MK7H4FN	1x112,7W	4000	18410 lm	90°	Extensive	●	5,1
MK7H4MB	1x112,7W	4000	18410 lm	60°	Medium	○	5,1
MK7H4MN	1x112,7W	4000	18410 lm	60°	Medium	●	5,1
MK7H4SB	1x112,7W	4000	18410 lm	30°	Intensive	○	5,1
MK7H4SN	1x112,7W	4000	18410 lm	30°	Intensive	●	5,1
MK7H4YB	1x112,7W	4000	18410 lm	75°	Double	○	5,1
MK7H4YN	1x112,7W	4000	18410 lm	75°	Double	●	5,1

Markt

IP
40

IK
04-06-08

CRI
>80

UGR
19

30-90°

Expectancy
60000 h.
L70B10

Efficiency (%)
96,3

Photobiological safety

RG0

RG1*

RG2

RG3

Risk free

1 Low risk

Moderate risk

High risk

*Time under 3 h.

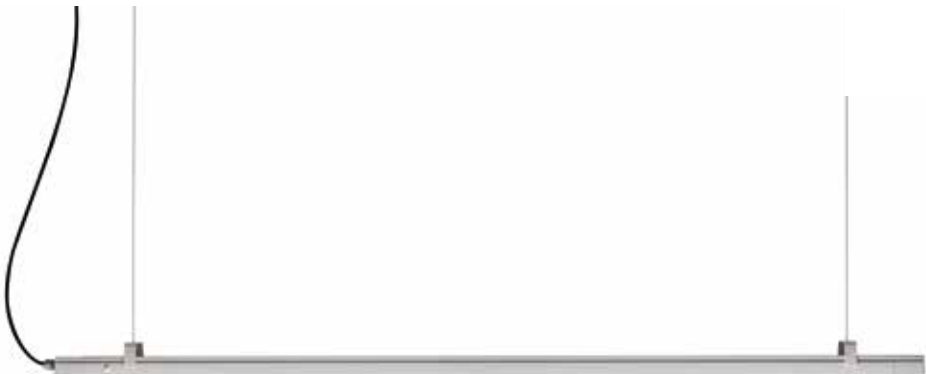
Go to page 286 to learn more

- ☐ RAL9016
- ☒ RAL9005



Compatible with **NormaLINK**

	W	K	LUMEN		OPTICS	COLOUR	
MK7L3DFB	1x76,44W	3000	12320 lm	90°	Extensive	☐	5,1
MK7L3DFN	1x76,44W	3000	12320 lm	90°	Extensive	☒	5,1
MK7L3DMB	1x76,44W	3000	12320 lm	60°	Medium	☐	5,1
MK7L3DMN	1x76,44W	3000	12320 lm	60°	Medium	☒	5,1
MK7L3DSB	1x76,44W	3000	12320 lm	30°	Intensive	☐	5,1
MK7L3DSN	1x76,44W	3000	12320 lm	30°	Intensive	☒	5,1
MK7L3DYB	1x76,44W	3000	12320 lm	75°	Double	☐	5,1
MK7L3DYN	1x76,44W	3000	12320 lm	75°	Double	☒	5,1
MK7L4DFB	1x76,44W	4000	13230 lm	90°	Extensive	☐	5,1
MK7L4DFN	1x76,44W	4000	13230 lm	90°	Extensive	☒	5,1
MK7L4DMB	1x76,44W	4000	13230 lm	60°	Medium	☐	5,1
MK7L4DMN	1x76,44W	4000	13230 lm	60°	Medium	☒	5,1
MK7L4DSB	1x76,44W	4000	13230 lm	30°	Intensive	☐	5,1
MK7L4DSN	1x76,44W	4000	13230 lm	30°	Intensive	☒	5,1
MK7L4DYB	1x76,44W	4000	13230 lm	75°	Double	☐	5,1
MK7L4DYN	1x76,44W	4000	13230 lm	75°	Double	☒	5,1
MK7H3DFB	1x112,7W	3000	17115 lm	90°	Extensive	☐	5,1
MK7H3DFN	1x112,7W	3000	17115 lm	90°	Extensive	☒	5,1
MK7H3DMB	1x112,7W	3000	17115 lm	60°	Medium	☐	5,1
MK7H3DMN	1x112,7W	3000	17115 lm	60°	Medium	☒	5,1
MK7H3DSB	1x112,7W	3000	17115 lm	30°	Intensive	☐	5,1
MK7H3DSN	1x112,7W	3000	17115 lm	30°	Intensive	☒	5,1
MK7H3DYB	1x112,7W	3000	17115 lm	75°	Double	☐	5,1
MK7H3DYN	1x112,7W	3000	17115 lm	75°	Double	☒	5,1
MK7H4DFB	1x112,7W	4000	18410 lm	90°	Extensive	☐	5,1
MK7H4DFN	1x112,7W	4000	18410 lm	90°	Extensive	☒	5,1
MK7H4DMB	1x112,7W	4000	18410 lm	60°	Medium	☐	5,1
MK7H4DMN	1x112,7W	4000	18410 lm	60°	Medium	☒	5,1
MK7H4DSB	1x112,7W	4000	18410 lm	30°	Intensive	☐	5,1
MK7H4DSN	1x112,7W	4000	18410 lm	30°	Intensive	☒	5,1
MK7H4DYB	1x112,7W	4000	18410 lm	75°	Double	☐	5,1
MK7H4DYN	1x112,7W	4000	18410 lm	75°	Double	☒	5,1

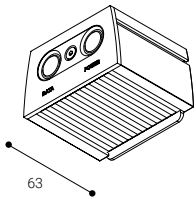


Markt

ACCESSORIES

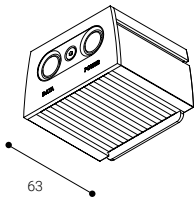
Power supply

	MKIB	COLOUR
	MKIN	●
	MKIDB	○
	MKIDN	●



End cover

	MKFB	COLOUR
	MKFN	●



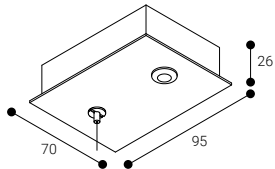
Suspension accessory

	L (m)
1029L2	2
1029L4	4



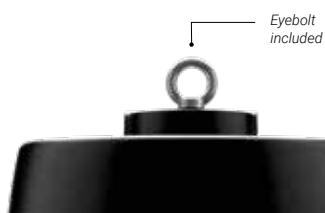
Connection box and power supply cable

	ETC1029B	POWER SUPPLY CABLE LENGTH	COLOUR
	ETC1029N	2	○
	ETC10294MB	2	●
	ETC10294MB	4	○
	ETC10294MN	4	●
	ETC10295PB	2	○
	ETC10295PN	2	●
	ETC10295P4MB	4	○
	ETC10295P4MN	4	●





New



Blok Avant

BLOK AVANT is an industrial fitting designed to light open areas. It has different optics to achieve a maximum save in number of luminaires and power

Includes analogic 1-10V regulation.

A system of interchangeable lenses and an aluminium reflector are available as accessories.

Three different optics available:

- Intensive (60°)
- Medium (90°)
- Extensive (120°)

BLOK AVANT + BKLN



BLOK AVANT + REFLECTOR



Blok Avant

Luminaire protected against overvoltage (up to 4kV)

Installation	Ceiling suspended (eyebolt included) Ceiling/Wall mounted (BKLN accessory for surface mounting is necessary)
Diffuser	
Light source	LED
Photobiological safety	1
UGR	22
CRI	>80
MacAdam ellipse	3
Beam angle range	60-120
Power range (W)	90,9-181,8
Colour temperature (°K)	4000 5700
Light range	15000-30070
Power factor	0,96
Efficiency (%)	94,54
Expectancy	50000 h L70B10
DALI Option	–
Continuous function 24h	✓
IP	67
IK	07-08
Class	I

 PMMA lens




IP 68

Includes an IP68 waterproof linear 3 pole connector

IP68 two pole connector for 1-10V regulation not provided.

 For other CRI values, please contact us.

 INCLUDES ANALOGIC 1-10V REGULATION

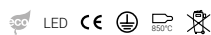
Blok Avant



Ceiling
suspended
mounted



Ceiling/Wall
surface
mounted



IP
67

IK
07-08

4 kV

CRI
>80

UGR
22

60-120°

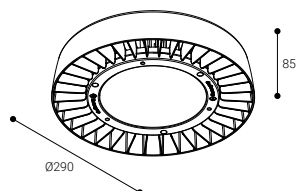
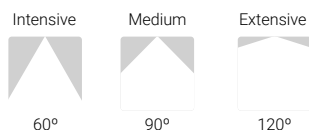
Expectancy
50000 h.
L70B10

Photobiological safety

RG0	Risk free
RG1*	1 Low risk
RG2	Moderate risk
RG3	High risk

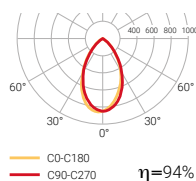
*Time under 3 h.

Go to page 286 to learn more

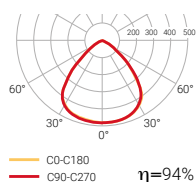


● RAL 9011: TEXTURIZED

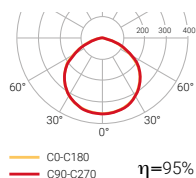
Intensive optics



Medium optics



Extensive optics



	W	K	LUMEN		OPTICS	COLOUR	
BK100-4SN	1x90,9W	4000	15000 lm	60°	Intensive	●	4,1
BK100-4MN	1x90,9W	4000	15000 lm	90°	Medium	●	4,1
BK100-4FN	1x90,9W	4000	15000 lm	120°	Extensive	●	4,1
BK100-5SN	1x90,9W	5700	15030 lm	60°	Intensive	●	4,1
BK100-5MN	1x90,9W	5700	15030 lm	90°	Medium	●	4,1
BK100-5FN	1x90,9W	5700	15030 lm	120°	Extensive	●	4,1
BK150-4SN	1x136,4W	4000	22500 lm	60°	Intensive	●	4,1
BK150-4MN	1x136,4W	4000	22500 lm	90°	Medium	●	4,1
BK150-4FN	1x136,4W	4000	22500 lm	120°	Extensive	●	4,1
BK150-5SN	1x136,4W	5700	22550 lm	60°	Intensive	●	4,1
BK150-5MN	1x136,4W	5700	22550 lm	90°	Medium	●	4,1
BK150-5FN	1x136,4W	5700	22550 lm	120°	Extensive	●	4,1
BK200-4SN	1x181,8W	4000	30000 lm	60°	Intensive	●	4,1
BK200-4MN	1x181,8W	4000	30000 lm	90°	Medium	●	4,1
BK200-4FN	1x181,8W	4000	30000 lm	120°	Extensive	●	4,1
BK200-5SN	1x181,8W	5700	30070 lm	60°	Intensive	●	4,1
BK200-5MN	1x181,8W	5700	30070 lm	90°	Medium	●	4,1
BK200-5FN	1x181,8W	5700	30070 lm	120°	Extensive	●	4,1



Includes an IP68 waterproof linear 3 pole connector

Blok Avant

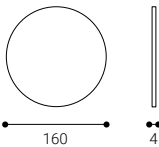
ACCESSORIES

COLOUR

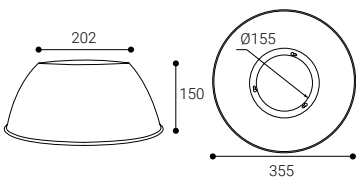
BK060L	Opening angle lens 60°	
BK090L	Opening angle lens 90°	
BK120L	Transparent glass 120° opening angle	
BK060R	Opening angle reflector 60°	Ⓐ
BK090R	Opening angle reflector 90°	Ⓐ
BKLN	Accessory for surface mounting	●
1029L2VP	2 metres long suspension accesory	
1029L4VP	4 metres long suspension accesory	
REGBORTEK2UI	2 pole linear waterproof connector	

OPENING ANGLE

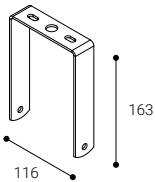
GLASS



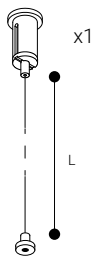
REFLECTOR



BKLN



1029L2



Blok

BLOK is an industrial luminaire for use in high open spaces. Its different optics optimize the savings in the number of luminaires and the total

consumption in the installation. There are two different shapes available: square (Blok) and round (Blok R).

There are three different optics available:

- Intensive (30°)
- Medium (60°)
- Extensive (90°)





	Blok	Blok R
Installation	Ceiling suspended mounted Ceiling surface mounted	Ceiling suspended mounted
Diffuser		
Light source	LED	LED
Photobiological safety	1	1
UGR	22	22
CRI	>80	>80
MacAdam ellipse	3	3
Beam angle range	30-90	30-90
Power range (W)	154	154
Colour temperature (°K)	5000	5000
Light range	21000	21000
Power factor	0,95	0,95
Efficiency (%)	89,4	89,4
Expectancy	60000 h L70B10	60000 h L70B10
DALI Option	✓	✓
Continuous function 24h	✓	✓
IP	67	67
IK	07	07
Class	I	I

 PMMA lens

 For other CRI values, please contact us.



Blok



Ceiling
suspended
mounted



Ceiling
surface
mounted

LED CE ENEC 850°C

IP
67

IK
07

CRI
>80

UGR
22

30-90°

Expectancy
60000 h.
L70B10

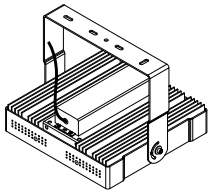
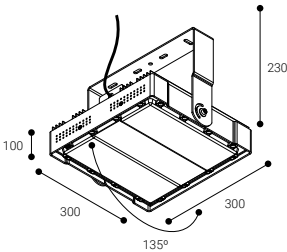
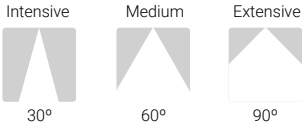
Efficiency (%)
89,4

Photobiological safety

RG0	Risk free
RG1*	1 Low risk
RG2	Moderate risk
RG3	High risk

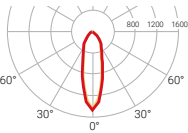
*Time under 3 h.

Go to page 286 to learn more



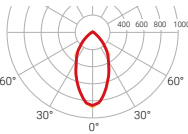
● RAL9005

Intensive optics



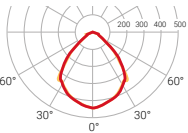
— C0-C180
— C90-C270 $\eta=89\%$

Medium optics



— C0-C180
— C90-C270 $\eta=88\%$

Extensive optics



— C0-C180
— C90-C270 $\eta=85\%$



Compatible with **NormaLINK**

	W	K	LUMEN		OPTICS	COLOUR	
BAK205DSN	1x154W	5000	21000 lm	30°	Intensive	●	5,6
BAK205DMN	1x154W	5000	21000 lm	60°	Medium	●	5,6
BAK205DFN	1x154W	5000	21000 lm	90°	Extensive	●	5,6

Blok R



Ceiling
suspended
mounted



LED CE ENEC 85°C

IP
67

IK
07

CRI
>80

UGR
22

30-90°

Expectancy
60000 h.
L70B10

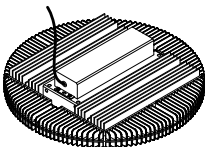
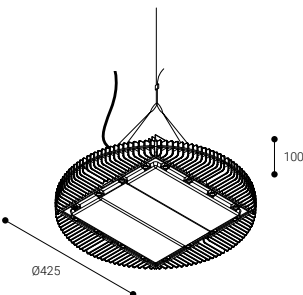
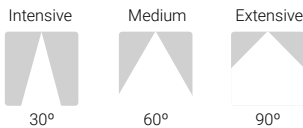
Efficiency (%)
89,4

Photobiological safety

RG0	Risk free
RG1*	1 Low risk
RG2	Moderate risk
RG3	High risk

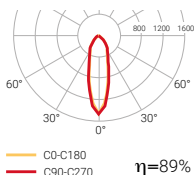
*Time under 3 h.

Go to page 286 to learn more

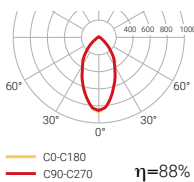


● RAL9005

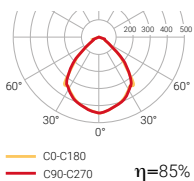
Intensive optics



Medium optics



Extensive optics



Compatible with **NormaLINK**

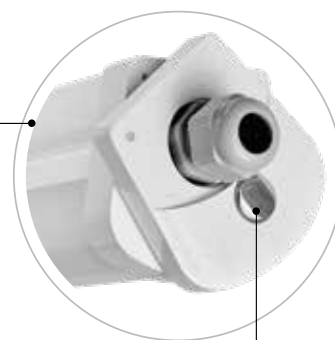
	W	K	LUMEN		OPTICS	COLOUR	
BRS205DSN	1x154W	5000	21000 lm	30°	Intensive	●	5,6
BRS205DMN	1x154W	5000	21000 lm	60°	Medium	●	5,6
BRS205DFN	1x154W	5000	21000 lm	90°	Extensive	●	5,6



New



Quick
connection
system



Anti condensation valve

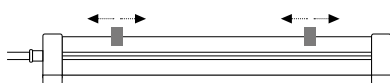
Hermetic Line M

Hermetic Line M is the new IP65 fitting from Normalit. Made on white polycarbonate and with opal diffuser, it is available in three different lengths:

- DM2: 600 mm
- DM4: 1200 mm
- DM5: 1500 mm

Incorporates a fixation system using metal clips that can slide on the body of the luminaire to give different installation options. Quick and easy access to the connection terminal block.

Mobile fixing
system



Hermetic Line M

Installation	Ceiling surface mounted Wall surface mounted
Diffuser	○
Light source	LED
Photobiological safety	0
UGR	22
CRI	>80
MacAdam ellipse	3
Beam angle range	140
Power range (W)	9,1-36,4
Colour temperature (°K)	4000
Light range	1710-6500
Power factor	0,95
Efficiency (%)	83
Expectancy	50000 h L70B50
DALI Option	–
Continuous function 24h	✓
IP	65
IK	08
Class	I

○ Opal diffuser



For other CRI values, please contact us.

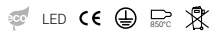
Hermetic Line M



Ceiling
surface
mounted



Wall
surface
mounted



IP
65

IK
08

CRI
>80

UGR
22

140°

Expectancy
50000 h.
L70B50

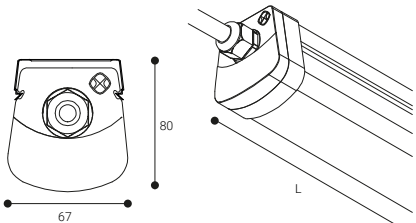
Efficiency (%)
83

Photobiological safety

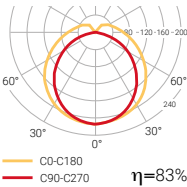
RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

Go to page 286 to learn more



Opal diffuser



THREE DIFFERENT LENGHTS

L = 600
DM2



L = 1200
DM4



L = 1500
DM5



	W	K	LUMEN	COLOUR	L(mm)	
DM2L	1x9,1W	4000	1710 lm	○	600	0,8
DM2H	1x13,6W	4000	2500 lm	○	600	0,8
DM4L	1x18,2W	4000	3420 lm	○	1200	0,8
DM4H	1x27,3W	4000	5000 lm	○	1200	0,8
DM5L	1x27,3W	4000	5130 lm	○	1500	0,8
DM5H	1x36,4W	4000	6500 lm	○	1500	0,8

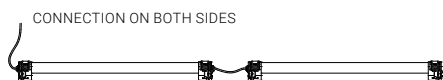
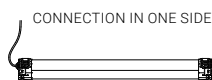


Hermetic Line

HERMETIC LINE is a watertight IP66 luminaire. It is ideal for basements, garages or any industrial activity.

The extruded polycarbonate body can be adjusted to any length.

It is possible to install them in line thanks to the wire entry in both sides.



Hermetic Line

Installation	Ceiling surface mounted Wall surface mounted
Diffuser	○
Light source	LED
Photobiological safety	0
UGR	22
CRI	>80
MacAdam ellipse	3
Beam angle range	110
Power range (W)	13,4-57
Colour temperature (°K)	4000
Light range	1680-7740
Power factor	0,95
Efficiency (%)	78,4
Expectancy	72000 h L70B10
DALI Option	✓
Continuous function 24h	✓
IP	66
IK	09
Class	I

○ Opal diffuser



For other CRI values, please contact us.

Hermetic Line



Ceiling
surface
mounted



Wall
surface
mounted



IP
66

IK
09

CRI
>80

UGR
22

110°

Expectancy
72000 h.
L70B10

Efficiency (%)
78,4

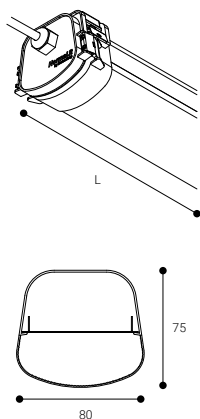
Photobiological safety

RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

Go to page 286 to learn more

● RAL7001



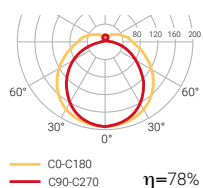
CONNECTION ON ONE SIDE

	W	K	LUMEN	COLOUR	L(mm)	
DLN2L	1x13,4W	4000	1680 lm	●	690	1,3
DLN2H	1x19W	4000	2580 lm	●	690	1,3
DLN4L	1x26,8W	4000	3360 lm	●	1250	2,5
DLN4H	1x38W	4000	5160 lm	●	1250	2,5
DLN5L	1x33,5W	4000	4200 lm	●	1530	3,1
DLN5H	1x47,5W	4000	6450 lm	●	1530	3,1
DLN6L	1x40,2W	4000	5040 lm	●	1810	3,7
DLN6H	1x57W	4000	7740 lm	●	1810	3,7

CONNECTION ON BOTH SIDES (LINEAR INSTALLATION)

	W	K	LUMEN	COLOUR	L(mm)	
DL2L	1x13,4W	4000	1680 lm	●	690	1,3
DL2H	1x19W	4000	2580 lm	●	690	1,3
DL4L	1x26,8W	4000	3360 lm	●	1250	2,5
DL4H	1x37W	4000	5160 lm	●	1250	2,5
DL5L	1x33,5W	4000	4200 lm	●	1530	3,1
DL5H	1x47,5W	4000	6450 lm	●	1530	3,1
DL6L	1x40,2W	4000	5040 lm	●	1810	3,7
DL6H	1x57W	4000	7740 lm	●	1810	3,7

Opal diffuser



Compatible with **NormaLINK**



IP66 IN INTERIORS



CABLE ENTRY IN BOTH ENDS, POSSIBILITY OF LINEAR MOUNTING (EXCEPT REF. DLN- THAT ONLY HAS ONE CABLE ENTRY).

	W	K	LUMEN	COLOUR	L(mm)	
DL2LD	1x13,4W	4000	1680 lm	●	690	1,3
DL2HD	1x19W	4000	2580 lm	●	690	1,3
DL4LD	1x26,8W	4000	3360 lm	●	1250	2,5
DL4HD	1x37W	4000	5160 lm	●	1250	2,5
DL5LD	1x33,5W	4000	4200 lm	●	1530	3,1
DL5HD	1x47,5W	4000	6450 lm	●	1530	3,1
DL6LD	1x40,2W	4000	5040 lm	●	1810	3,7
DL6HD	1x57W	4000	7740 lm	●	1810	3,7



Hermetic XL

HERMETIC XL is a watertight (IP66) luminaire which is ideal for basements, garages or any industrial activity. Specifically designed with LED technology, it incorporates the new and revolutionary quick installation system which improves installation time and optimises maintenance work.

Hermetic XL

Installation	Ceiling surface mounted Wall surface mounted
Diffuser	○
Light source	LED
Photobiological safety	0
UGR	22
CRI	>80
MacAdam ellipse	3
Beam angle range	110
Power range (W)	13,4-28,5
Colour temperature (°K)	4000
Light range	1680-3870
Power factor	0,95
Efficiency (%)	80,1
Expectancy	72000 h L70B10
DALI Option	–
Continuous function 24h	✓
IP	66
IK	09
Class	II

○ Opal diffuser



For other CRI values, please contact us.

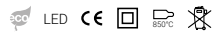
Hermetic XL



Ceiling
surface
mounted



Wall
surface
mounted



IP
66

IK
09

CRI
>80

UGR
22

110°

Expectancy
72000 h.
L70B10

Efficiency (%)
80,1

Photobiological safety

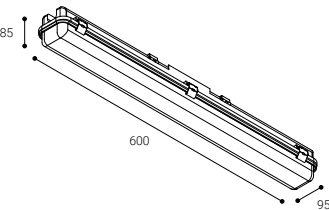
RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

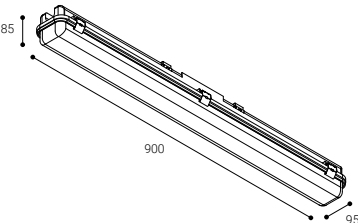
Go to page 286 to learn more

● RAL7001

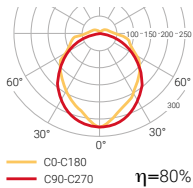
DE2



DE3



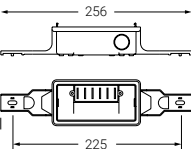
Opal diffuser



	W	K	LUMEN	COLOUR	
DE2L	1x13,4W	4000	1680 lm	●	1,2
DE2H	1x19W	4000	2580 lm	●	1,2
DE3L	1x20,1W	4000	2520 lm	●	1,8
DE3H	1x28,5W	4000	3870 lm	●	1,8



DALI regulation available



QUICK INSTALLATION



For version for refrigerating
chambers, please contact us.



Structures

U-Line	162
Linnea	166
Linnea Mixto	168
Trazzo Avant	172
Trazzo 70	182
Trazzo Mixto	194
Cosmos	201
Contelux	205
Sycom	209
Coral	213
Zafiro	215
LED strips	217

U-Line

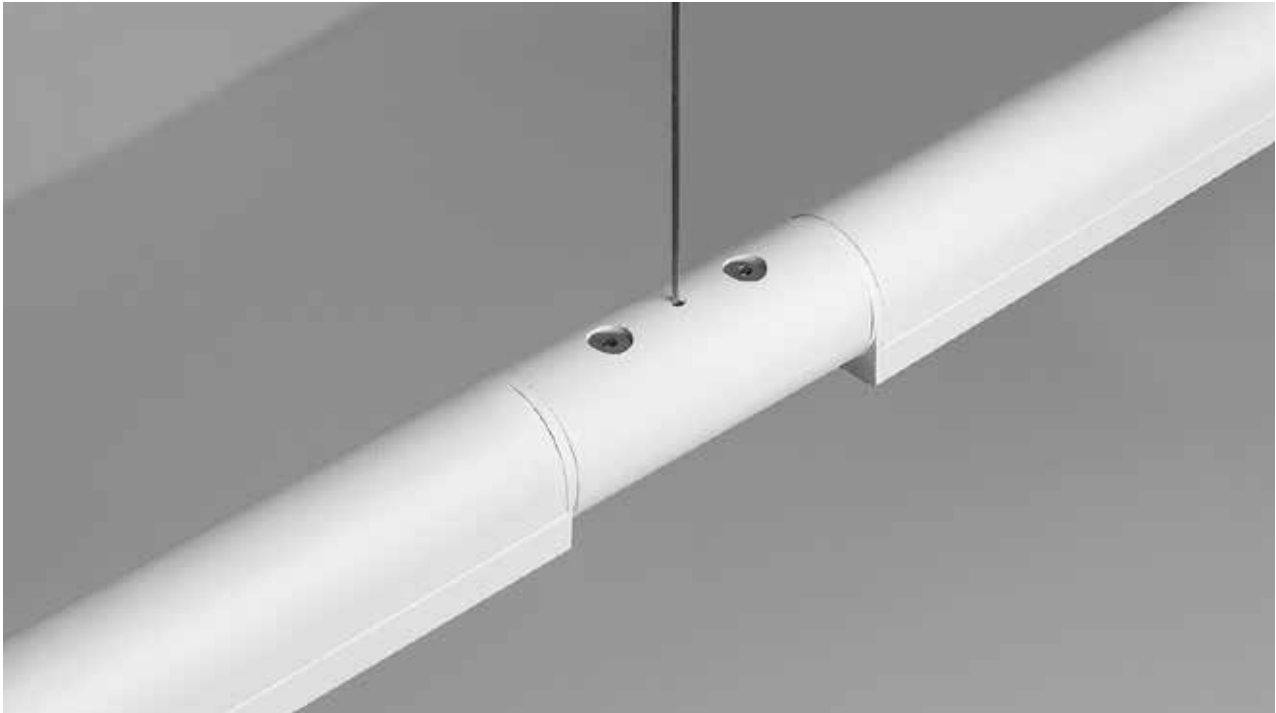
U-LINE is a minimalist linear system for suspended installation which can be integrated into any space surprisingly easily.

It has a 360° light rotation system that makes it an extremely versatile luminaire.

U-LINE can be installed in continuous strips by means of an installation accessory.

The luminaire consists of the power supply connection (available in different power and colors) and the light source itself (available in different powers and temperature colors).





U-Line

Installation	Ceiling suspended mounted
Diffuser	
Light source	LED
Photobiological safety	0
UGR	19
CRI	>80
MacAdam ellipse	3
Beam angle range	80
Power range (W)	23-34,6
Colour temperature (°K)	3000 4000
Light range	2480-3960
Power factor	0,95
Efficiency (%)	72
Expectancy	72000 h L70B10
DALI Option	✓
Continuous function 24h	✓
IP	30
Class	I

 Anti glare prismatic polycarbonate diffuser



For other CRI values, please contact us.

U-Line



Ceiling suspended
mounted



LED CE 850°C

IP
30

CRI
>80

UGR
19

80°

Expectancy
72000 h.
L70B10

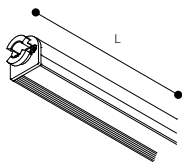
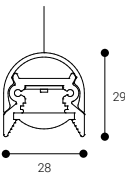
Efficiency (%)
72

Photobiological safety

RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

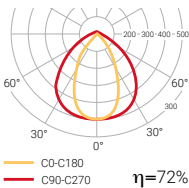
Go to page 286 to learn more



! For other lenghts and
powers, please contact us.

○ RAL9016
● RAL9005

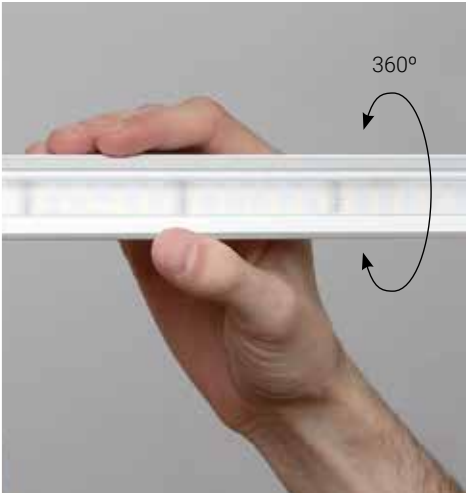
Opal diffuser



	W	K	LUMEN	COLOUR	L(mm)	⚖
UL43B	1x23W	3000	2480 lm	○	1200	1,4
UL43N	1x23W	3000	2480 lm	●	1200	1,4
UL44B	1x23W	4000	2640 lm	○	1200	1,4
UL44N	1x23W	4000	2640 lm	●	1200	1,4
UL63B	1x34,6W	3000	3720 lm	○	1760	2,0
UL63N	1x34,6W	3000	3720 lm	●	1760	2,0
UL64B	1x34,6W	4000	3960 lm	○	1760	2,0
UL64N	1x34,6W	4000	3960 lm	●	1760	2,0

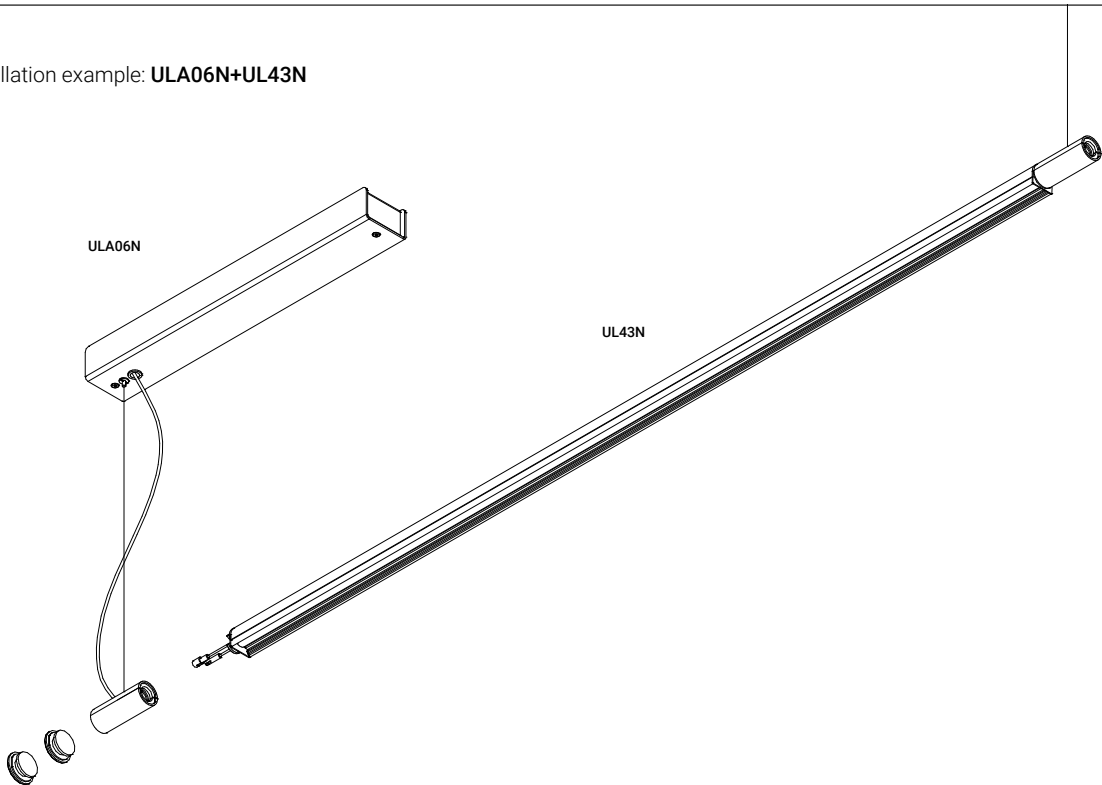
! ULA power supply accessory not included

360° ROTATING



U-Line

Basic installation example: **ULA06N+UL43N**



ACCESSORIES

Power supply

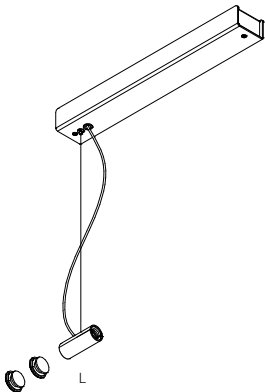
	W	L	COLOUR
ULA06B	35	70	○
ULA06N	35	70	●
ULA10B	60	70	○
ULA10N	60	70	●
ULA16B	96	70	○
ULA16N	96	70	●

Power supply

Compatible with **NormaLINK**



	W	L	COLOUR
ULA06DB	35	70	○
ULA06DN	35	70	●
ULA10DB	60	70	○
ULA10DN	60	70	●
ULA16DB	100	70	○
ULA16DN	100	70	●



The number of power connections depends on the W in the installation.

Linnea

LINNEA is a linear luminaire built with an extruded aluminium profile for suspended installation, ceiling mounted installation or recessed installation.

It stands out thanks to its minimal design and its microprismatic diffuser which generates very homogeneous lighting with optimal visual comfort.

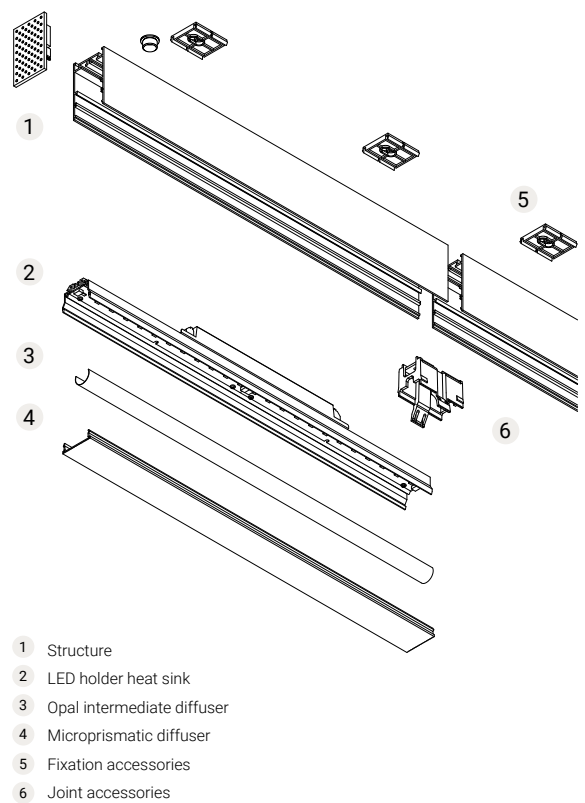
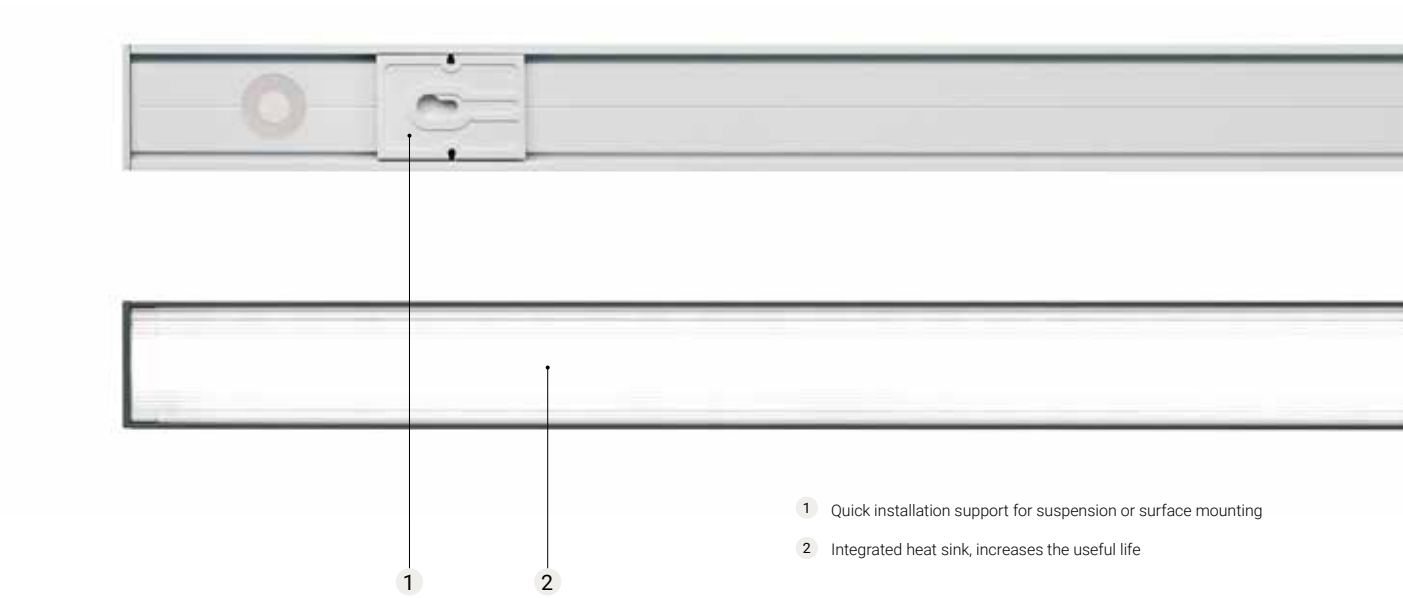
As a new product, the range is increased with a LINNEA MIXTO version, with direct / indirect lighting.

	Linnea	Linnea Mixto
Installation	Ceiling surface mounted Ceiling suspended mounted Ceiling recessed mounted	Ceiling suspended mounted
Diffuser		
Light source	LED	LED
Photobiological safety	0	0
UGR	19	19
CRI	>80	>80
MacAdam ellipse	3	3
Beam angle range	90-101	—
Power range (W)	26,8-57	46,9-104,5
Colour temperature (°K)	3000 4000	3000 4000
Light range	3720-9000	6510-16500
Power factor	0,95	0,95
Efficiency (%)	61,1	64,6
Expectancy	60000 h L70B10	60000 h L70B10
DALI Option	✓	✓
Continuous function 24h	✓	✓
IP	30	30
Class	I	I

 Microprismatic diffuser

 For other CRI values, please contact us.

 Please, ask for the technical datasheets of all the luminaires.



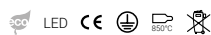
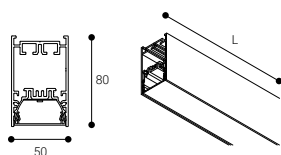
Linnea



Ceiling
surface
mounted



Ceiling
suspended
mounted



IP
30

CRI
>80

UGR
19

90-101°

Expectancy
60000 h.
L70B10

Efficiency (%)
61,1

Photobiological safety

RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

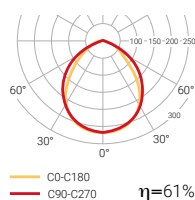
Go to page 286 to learn more

○ RAL9016

● RAL7001

	W	K	LUMEN	COLOUR	L(mm)	⚙️
LI4L3OB	1x26,8W	3000	3720 lm	○	1125	2,8
LI4L3OG	1x26,8W	3000	3720 lm	●	1125	2,8
LI4L4OB	1x26,8W	4000	4000 lm	○	1125	2,8
LI4L4OG	1x26,8W	4000	4000 lm	●	1125	2,8
LI4H3OB	1x38W	3000	5600 lm	○	1125	2,8
LI4H3OG	1x38W	3000	5600 lm	●	1125	2,8
LI4H4OB	1x38W	4000	6000 lm	○	1125	2,8
LI4H4OG	1x38W	4000	6000 lm	●	1125	2,8
LI6L3OB	1x40,2W	3000	5580 lm	○	1685	4,1
LI6L3OG	1x40,2W	3000	5580 lm	●	1685	4,1
LI6L4OB	1x40,2W	4000	6000 lm	○	1685	4,1
LI6L4OG	1x40,2W	4000	6000 lm	●	1685	4,1
LI6H3OB	1x57W	3000	8400 lm	○	1685	4,1
LI6H3OG	1x57W	3000	8400 lm	●	1685	4,1
LI6H4OB	1x57W	4000	9000 lm	○	1685	4,1
LI6H4OG	1x57W	4000	9000 lm	●	1685	4,1

Microprismatic diffuser



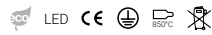
It is recommended the use of suspensions every 700 mm in linear mounting of the ref. LI4L and every 1500mm in the ref. LI6L



Compatible with **NormaLINK**

	W	K	LUMEN	COLOUR	L(mm)	⚙️
LI4L3DOB	1x26,8W	3000	3720 lm	○	1125	2,8
LI4L3DOG	1x26,8W	3000	3720 lm	●	1125	2,8
LI4L4DOB	1x26,8W	4000	4000 lm	○	1125	2,8
LI4L4DOG	1x26,8W	4000	4000 lm	●	1125	2,8
LI4H3DOB	1x38W	3000	5600 lm	○	1125	2,8
LI4H3DOG	1x38W	3000	5600 lm	●	1125	2,8
LI4H4DOB	1x38W	4000	6000 lm	○	1125	2,8
LI4H4DOG	1x38W	4000	6000 lm	●	1125	2,8
LI6L3DOB	1x40,2W	3000	5580 lm	○	1685	4,1
LI6L3DOG	1x40,2W	3000	5580 lm	●	1685	4,1
LI6L4DOB	1x40,2W	4000	6000 lm	○	1685	4,1
LI6L4DOG	1x40,2W	4000	6000 lm	●	1685	4,1
LI6H3DOB	1x57W	3000	8400 lm	○	1685	4,1
LI6H3DOG	1x57W	3000	8400 lm	●	1685	4,1
LI6H4DOB	1x57W	4000	9000 lm	○	1685	4,1
LI6H4DOG	1x57W	4000	9000 lm	●	1685	4,1

Linnea

Ceiling recessed
mountedIP
30CRI
>80UGR
19

90-101°

Expectancy
60000 h.
L70B10Efficiency (%)
61,1

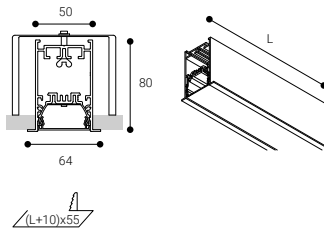
Photobiological safety

RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

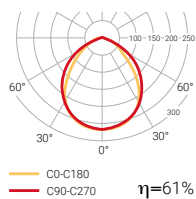
*Time under 3 h.

Go to page 286 to learn more

○ RAL9016
● RAL7001



Microprismatic diffuser

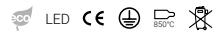
Compatible with **NormaLINK**

	W	K	LUMEN	COLOUR	L(mm)	
LE4L3OB	1x26,8W	3000	3720 lm	○	1125	2,9
LE4L3OG	1x26,8W	3000	3720 lm	●	1125	2,9
LE4L4OB	1x26,8W	4000	4000 lm	○	1125	2,9
LE4L4OG	1x26,8W	4000	4000 lm	●	1125	2,9
LE4H3OB	1x38W	3000	5600 lm	○	1125	2,9
LE4H3OG	1x38W	3000	5600 lm	●	1125	2,9
LE4H4OB	1x38W	4000	6000 lm	○	1125	2,9
LE4H4OG	1x38W	4000	6000 lm	●	1125	2,9
LE6L3OB	1x40,2W	3000	5580 lm	○	1685	4,4
LE6L3OG	1x40,2W	3000	5580 lm	●	1685	4,4
LE6L4OB	1x40,2W	4000	6000 lm	○	1685	4,4
LE6L4OG	1x40,2W	4000	6000 lm	●	1685	4,4
LE6H3OB	1x57W	3000	8400 lm	○	1685	4,4
LE6H3OG	1x57W	3000	8400 lm	●	1685	4,4
LE6H4OB	1x57W	4000	9000 lm	○	1685	4,4
LE6H4OG	1x57W	4000	9000 lm	●	1685	4,4

Linnea Mixto



Ceiling
suspended
mounted



IP
30

CRI
>80

UGR
19

Expectancy
60000 h.
L70B10

Efficiency (%)
64,6

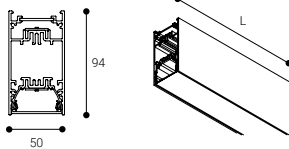
Photobiological safety

RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

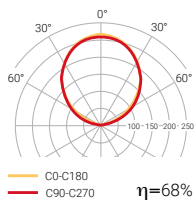
*Time under 3 h.

Go to page 286 to learn more

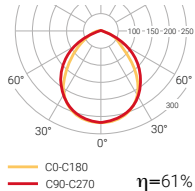
○ RAL9016
● RAL7001



Indirect lighting



Direct lighting



	W	K	LUMEN	COLOUR	L(mm)	⚖
LM4L30B	1x46,9W	3000	6510 lm	○	1125	3,3
LM4L30G	1x46,9W	3000	6510 lm	●	1125	3,3
LM4L40B	1x46,9W	4000	7000 lm	○	1125	3,3
LM4L40G	1x46,9W	4000	7000 lm	●	1125	3,3
LM4H30B	1x66,5W	3000	9800 lm	○	1125	3,3
LM4H30G	1x66,5W	3000	9800 lm	●	1125	3,3
LM4H40B	1x66,5W	4000	10500 lm	○	1125	3,3
LM4H40G	1x66,5W	4000	10500 lm	●	1125	3,3
LM6L30B	1x73,7W	3000	10230 lm	○	1685	4,9
LM6L30G	1x73,7W	3000	10230 lm	●	1685	4,9
LM6L40B	1x73,7W	4000	11000 lm	○	1685	4,9
LM6L40G	1x73,7W	4000	11000 lm	●	1685	4,9
LM6H30B	1x104,5W	3000	15400 lm	○	1685	4,9
LM6H30G	1x104,5W	3000	15400 lm	●	1685	4,9
LM6H40B	1x104,5W	4000	16500 lm	○	1685	4,9
LM6H40G	1x104,5W	4000	16500 lm	●	1685	4,9



Compatible with **NormaLINK**

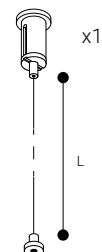
	W	K	LUMEN	COLOUR	L(mm)	⚖
LM4L3DOB	1x46,9W	3000	6510 lm	○	1125	3,3
LM4L3DOG	1x46,9W	3000	6510 lm	●	1125	3,3
LM4L4DOB	1x46,9W	4000	7000 lm	○	1125	3,3
LM4L4DOG	1x46,9W	4000	7000 lm	●	1125	3,3
LM4H3DOB	1x66,5W	3000	9800 lm	○	1125	3,3
LM4H3DOG	1x66,5W	3000	9800 lm	●	1125	3,3
LM4H4DOB	1x66,5W	4000	10500 lm	○	1125	3,3
LM4H4DOG	1x66,5W	4000	10500 lm	●	1125	3,3
LM6L3DOB	1x73,7W	3000	10230 lm	○	1685	4,9
LM6L3DOG	1x73,7W	3000	10230 lm	●	1685	4,9
LM6L4DOB	1x73,7W	4000	11000 lm	○	1685	4,9
LM6L4DOG	1x73,7W	4000	11000 lm	●	1685	4,9
LM6H3DOB	1x104,5W	3000	15400 lm	○	1685	4,9
LM6H3DOG	1x104,5W	3000	15400 lm	●	1685	4,9
LM6H4DOB	1x104,5W	4000	16500 lm	○	1685	4,9
LM6H4DOG	1x104,5W	4000	16500 lm	●	1685	4,9

Linnea and Linnea Mixto

ACCESSORIES

Suspension accessory

	L (m)
1029L2	2
1029L4	4

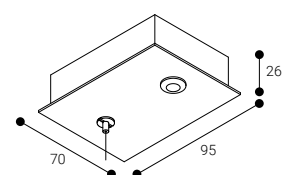


Connection box and power supply cable

	POWER SUPPLY CABLE LENGTH	COLOUR
ETC1029B	2	○
ETC1029G	2	●
ETC10294MB	4	○
ETC10294MG	4	●

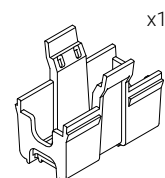


ETC10295PB	2	○
ETC10295PG	2	●
ETC10295P4MB	4	○
ETC10295P4MG	4	●



Joining accessory

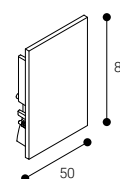
	COLOUR
LI014	○
LI0145P	○



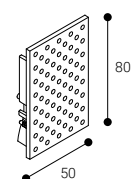
End cover Linnea

	COLOUR
LI015B	○
LI015G	●
LI016B	○
LI016G	●

LI015



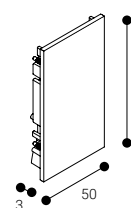
LI016



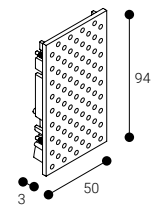
End cover Linnea Mixto

	COLOUR
LM015B	○
LM015G	●
LM016B	○
LM016G	●

LM015

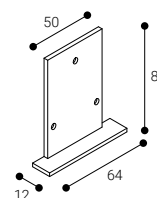


LM016



End cover recessed model

	COLOUR
LE016B	○
LE016G	●





Trazzo Avant

TRAZZO AVANT is a linear system for surface or suspended installation. Made of extruded aluminium, it is available in pieces of 1125 and 1685 mm long. The new LED multi reflector system improves the visual confort of the luminaire.

Trazzo Avant

Installation	Ceiling suspended mounted Ceiling surface mounted Ceiling recessed mounted
Diffuser	☐ ☐
Light source	LED
Photobiological safety	0
UGR	16 22
CRI	>80
MacAdam ellipse	3
Beam angle range	77 100
Power range (W)	25,9-57
Colour temperature (°K)	3000 4000 2700-6500
Light range	3345-9000
Power factor	0,95
Efficiency (%)	54,2 68,75
Expectancy	50000 h L70B10 60000 h L70B10
DALI Option	✓
Continuous function 24h	✓
IP	30
Class	I

☐ Without diffuser ☐ Opal diffuser



For other CRI values, please contact us.

It is available in version

salUZ®

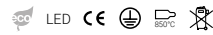
Pages 173 and 177



Please, ask for the technical datasheets of all the luminaires.

Trazzo Avant

New

Ceiling
surface
mountedCeiling
suspended
mountedIP
30CRI
>80UGR
16

77°

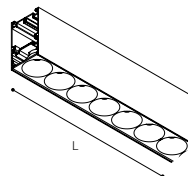
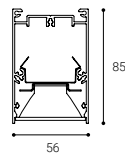
Expectancy
50000 h.
L70B10Efficiency (%)
68,75

Photobiological safety

RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

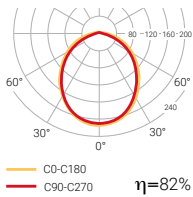
*Time under 3 h.

Go to page 286 to learn more



○ RAL9016
● RAL9005

Without diffuser



	W	K	LUMEN	COLOUR	L(mm)	
TX4L3RB	1x26,8W	3000	3720 lm	○	1126	2,5
TX4L3RN	1x26,8W	3000	3720 lm	●	1126	2,5
TX4L4RB	1x26,8W	4000	4000 lm	○	1126	2,5
TX4L4RN	1x26,8W	4000	4000 lm	●	1126	2,5
TX4H3RB	1x38W	3000	5600 lm	○	1126	2,5
TX4H3RN	1x38W	3000	5600 lm	●	1126	2,5
TX4H4RB	1x38W	4000	6000 lm	○	1126	2,5
TX4H4RN	1x38W	4000	6000 lm	●	1126	2,5
TX6L3RB	1x40,2W	3000	5580 lm	○	1688	2,5
TX6L3RN	1x40,2W	3000	5580 lm	●	1688	2,5
TX6L4RB	1x40,2W	4000	6000 lm	○	1688	2,5
TX6L4RN	1x40,2W	4000	6000 lm	●	1688	2,5
TX6H3RB	1x57W	3000	8400 lm	○	1688	2,5
TX6H3RN	1x57W	3000	8400 lm	●	1688	2,5
TX6H4RB	1x57W	4000	9000 lm	○	1688	2,5
TX6H4RN	1x57W	4000	9000 lm	●	1688	2,5

Compatible with **NormaLINK**

	W	K	LUMEN	COLOUR	L(mm)	
TX4L3DRB	1x26,8W	3000	3720 lm	○	1126	2,5
TX4L3DRN	1x26,8W	3000	3720 lm	●	1126	2,5
TX4L4DRB	1x26,8W	4000	4000 lm	○	1126	2,5
TX4L4DRN	1x26,8W	4000	4000 lm	●	1126	2,5
TX4H3DRB	1x38W	3000	5600 lm	○	1126	2,5
TX4H3DRN	1x38W	3000	5600 lm	●	1126	2,5
TX4H4DRB	1x38W	4000	6000 lm	○	1126	2,5
TX4H4DRN	1x38W	4000	6000 lm	●	1126	2,5
TX6L3DRB	1x40,2W	3000	5580 lm	○	1688	2,5
TX6L3DRN	1x40,2W	3000	5580 lm	●	1688	2,5
TX6L4DRB	1x40,2W	4000	6000 lm	○	1688	2,5
TX6L4DRN	1x40,2W	4000	6000 lm	●	1688	2,5
TX6H3DRB	1x57W	3000	8400 lm	○	1688	2,5
TX6H3DRN	1x57W	3000	8400 lm	●	1688	2,5
TX6H4DRB	1x57W	4000	9000 lm	○	1688	2,5
TX6H4DRN	1x57W	4000	9000 lm	●	1688	2,5

Trazzo Avant

Trazzo Avant salUZ®

IP
30

CRI
>80

UGR
16

77°

Expectancy
50000 h.
L70B10

Efficiency (%)
68,75

Photobiological safety

RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

Go to page 286 to learn more

		W	K	LUMEN	COLOUR	L(mm)	
TX4TWRB	●	1x25,9W	2700-6500	3345 lm	○	1126	2,5
TX4TWRN	●	1x25,9W	2700-6500	3345 lm	●	1126	2,5
TX6TWRB	●	1x38,9W	2700-6500	5020 lm	○	1688	2,5
TX6TWRN	●	1x38,9W	2700-6500	5020 lm	●	1688	2,5

○ RAL9016
● RAL9005

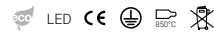
Versions

salUZ® Tunable white

COMPATIBLE WITH NORMALINK

This version makes it possible to modify circadian cycles from Normalink in remote, and also to adapt them to the specific needs of the project.

Trazzo Avant

Ceiling surface
mountedCeiling suspended
mountedIP
30CRI
>80UGR
22

100°

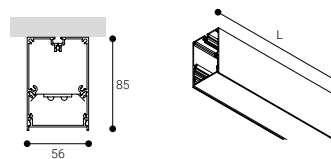
Expectancy
60000 h.
L70B10Efficiency (%)
54,2

Photobiological safety

RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

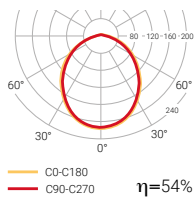
*Time under 3 h.

Go to page 286 to learn more



○ RAL9016
● RAL9005

Opal diffuser



	W	K	LUMEN	COLOUR	L(mm)	⚖
TX4L3OB	1x26,8W	3000	3720 lm	○	1130	2,5
TX4L3ON	1x26,8W	3000	3720 lm	●	1130	2,5
TX4L4OB	1x26,8W	4000	4000 lm	○	1130	2,5
TX4L4ON	1x26,8W	4000	4000 lm	●	1130	2,5
TX4H3OB	1x38W	3000	5600 lm	○	1130	2,5
TX4H3ON	1x38W	3000	5600 lm	●	1130	2,5
TX4H4OB	1x38W	4000	6000 lm	○	1130	2,5
TX4H4ON	1x38W	4000	6000 lm	●	1130	2,5
TX6L3OB	1x40,2W	3000	5580 lm	○	1690	2,5
TX6L3ON	1x40,2W	3000	5580 lm	●	1690	2,5
TX6L4OB	1x40,2W	4000	6000 lm	○	1690	2,5
TX6L4ON	1x40,2W	4000	6000 lm	●	1690	2,5
TX6H3OB	1x57W	3000	8400 lm	○	1690	2,5
TX6H3ON	1x57W	3000	8400 lm	●	1690	2,5
TX6H4OB	1x57W	4000	9000 lm	○	1690	2,5
TX6H4ON	1x57W	4000	9000 lm	●	1690	2,5

Compatible with **NormaLINK**

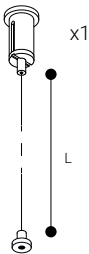
	W	K	LUMEN	COLOUR	L(mm)	⚖
TX4L3DOB	1x26,8W	3000	3720 lm	○	1130	2,5
TX4L3DON	1x26,8W	3000	3720 lm	●	1130	2,5
TX4L4DOB	1x26,8W	4000	4000 lm	○	1130	2,5
TX4L4DON	1x26,8W	4000	4000 lm	●	1130	2,5
TX4H3DOB	1x38W	3000	5600 lm	○	1130	2,5
TX4H3DON	1x38W	3000	5600 lm	●	1130	2,5
TX4H4DOB	1x38W	4000	6000 lm	○	1130	2,5
TX4H4DON	1x38W	4000	6000 lm	●	1130	2,5
TX6L3DOB	1x40,2W	3000	5580 lm	○	1690	2,5
TX6L3DON	1x40,2W	3000	5580 lm	●	1690	2,5
TX6L4DOB	1x40,2W	4000	6000 lm	○	1690	2,5
TX6L4DON	1x40,2W	4000	6000 lm	●	1690	2,5
TX6H3DOB	1x57W	3000	8400 lm	○	1690	2,5
TX6H3DON	1x57W	3000	8400 lm	●	1690	2,5
TX6H4DOB	1x57W	4000	9000 lm	○	1690	2,5
TX6H4DON	1x57W	4000	9000 lm	●	1690	2,5

Trazzo Avant

ACCESSORIES

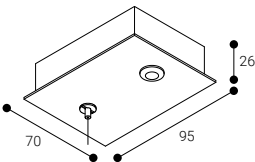
Suspension accessory

	L (m)	COLOUR
1029L2	2	●
1029L4	4	●



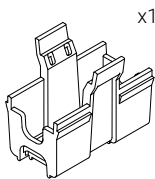
Connection box and power supply cable

	COLOUR
ETC1029B	○
ETC1029N	●
 ETC10295PB	○
ETC10295PN	●



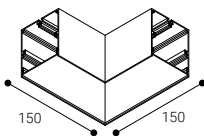
Joining accessory

	COLOUR
TX014	○
 TX0145P	○



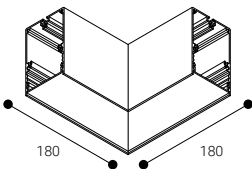
Elbow union accessory

	COLOUR
TX006B	○
TX006N	●



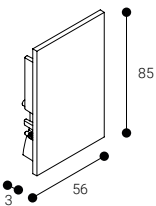
5 poles joint elbow accessory

	COLOUR
TX0065PB	○
TX0065PN	●



End cover

	COLOUR
TX016B	○
TX016N	●



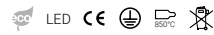
Trazzo Avant



Ceiling recessed
mounted

N

New



IP
30

CRI
>80

UGR
16

77°

Expectancy
50000 h.
L70B10

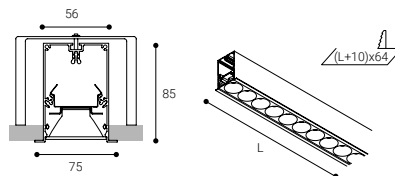
Efficiency (%)
68,75

Photobiological safety

RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

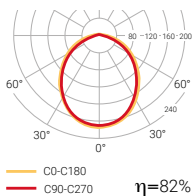
*Time under 3 h.

Go to page 286 to learn more



○ RAL9016
● RAL9005

Without diffuser



Trazzo Avant

Trazzo Avant salUZ®

IP
30

CRI
>80

UGR
16


77°

Expectancy
50000 h.
L70B10

Efficiency (%)
68,75

Photobiological safety

RG0

RG1*

RG2

RG3

0 Risk free

Low risk

Moderate risk

High risk

*Time under 3 h.

Go to page 286 to learn more

		W	K	LUMEN	COLOUR	L(mm)	
TXE4ZRB		1x25,9W	2700-6500	3345 lm	○	1125	3,7
TXE4ZRN		1x25,9W	2700-6500	3345 lm	●	1125	3,7
TXE4TWRB		1x25,9W	2700-6500	3345 lm	○	1126	3,7
TXE4TWRN		1x25,9W	2700-6500	3345 lm	●	1126	3,7
TXE6TWRB		1x38,9W	2700-6500	5020 lm	○	1688	4,4
TXE6TWRN		1x38,9W	2700-6500	5020 lm	●	1688	4,4

○ RAL9016
● RAL9005

Versions

salUZ® Self-contained

Once the luminaire has been connected to mains, it automatically modifies the intensity and the tone of the light all over the day.

salUZ® Tunable white

COMPATIBLE WITH NORMALINK

This version makes it possible to modify circadian cycles from Normalink in remote, and also to adapt them to the specific needs of the project.

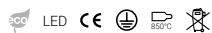
Trazzo Avant



Ceiling recessed
mounted

N

New



IP
30

CRI
>80

UGR
22

77°

Expectancy
60000 h.
L70B10

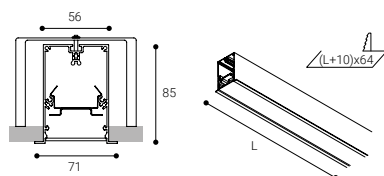
Efficiency (%)
54,2

Photobiological safety

RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

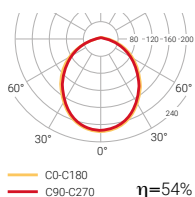
*Time under 3 h.

Go to page 286 to learn more



○ RAL9016
● RAL9005

Opal diffuser



	W	K	LUMEN	COLOUR	L(mm)	
TXE4L3OB	1x26,8W	3000	3720 lm	○	1130	3,7
TXE4L3ON	1x26,8W	3000	3720 lm	●	1130	3,7
TXE4L4OB	1x26,8W	4000	4000 lm	○	1130	3,7
TXE4L4ON	1x26,8W	4000	4000 lm	●	1130	3,7
TXE4H3OB	1x38W	3000	5600 lm	○	1130	3,7
TXE4H3ON	1x38W	3000	5600 lm	●	1130	3,7
TXE4H4OB	1x38W	4000	6000 lm	○	1130	3,7
TXE4H4ON	1x38W	4000	6000 lm	●	1130	3,7
TXE6L3OB	1x40,2W	3000	5580 lm	○	1690	4,4
TXE6L3ON	1x40,2W	3000	5580 lm	●	1690	4,4
TXE6L4OB	1x40,2W	4000	6000 lm	○	1690	4,4
TXE6L4ON	1x40,2W	4000	6000 lm	●	1690	4,4
TXE6H3OB	1x57W	3000	8400 lm	○	1690	4,4
TXE6H3ON	1x57W	3000	8400 lm	●	1690	4,4
TXE6H4OB	1x57W	4000	9000 lm	○	1690	4,4
TXE6H4ON	1x57W	4000	9000 lm	●	1690	4,4



Compatible with **NormaLINK**

	W	K	LUMEN	COLOUR	L(mm)	
TXE4L3DOB	1x26,8W	3000	3720 lm	○	1130	3,7
TXE4L3DON	1x26,8W	3000	3720 lm	●	1130	3,7
TXE4L4DOB	1x26,8W	4000	4000 lm	○	1130	3,7
TXE4L4DON	1x26,8W	4000	4000 lm	●	1130	3,7
TXE4H3DOB	1x38W	3000	5600 lm	○	1130	3,7
TXE4H3DON	1x38W	3000	5600 lm	●	1130	3,7
TXE4H4DOB	1x38W	4000	6000 lm	○	1130	3,7
TXE4H4DON	1x38W	4000	6000 lm	●	1130	3,7
TXE6L3DOB	1x40,2W	3000	5580 lm	○	1690	4,4
TXE6L3DON	1x40,2W	3000	5580 lm	●	1690	4,4
TXE6L4DOB	1x40,2W	4000	6000 lm	○	1690	4,4
TXE6L4DON	1x40,2W	4000	6000 lm	●	1690	4,4
TXE6H3DOB	1x57W	3000	8400 lm	○	1690	4,4
TXE6H3DON	1x57W	3000	8400 lm	●	1690	4,4
TXE6H4DOB	1x57W	4000	9000 lm	○	1690	4,4
TXE6H4DON	1x57W	4000	9000 lm	●	1690	4,4

Trazzo Avant

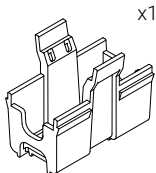
ACCESSORIES

Joining accessory



TX014
TX0145P

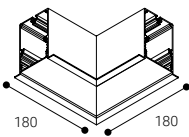
COLOUR



Elbow union accessory
recessed model

TXE006B
TXE006N

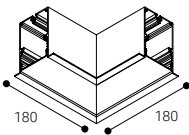
COLOUR



5 poles joint elbow accessory
recessed model

TXE0065PB
TXE0065PN

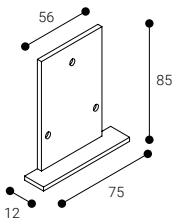
COLOUR



End cover
recessed model

TXE016B
TXE016N

COLOUR







Trazzo

TRAZZO is a system which enables to make continuous lines of light with direct and indirect lighting. It is made of extruded and anodized aluminium profile.

It can be mounted in a wall or ceiling and can also be suspended or recessed.

Its lighting variants include an opal polycarbonate diffuser and a matt anodised aluminium diffuser for optimal visual comfort and a wallwasher.

Two versions, multiple possibilities

- Trazzo 70: Light range 3720-9000 lm
- Trazzo Mixto: Light range 6510-16500 lm

	Trazzo 70	Trazzo Mixto
Installation	Ceiling surface mounted Wall surface mounted Ceiling suspended mounted Ceiling recessed mounted	Wall surface mounted Ceiling suspended mounted
Diffuser	○ ○ ○	○ ○ ○
Light source	LED	LED
Photobiological safety	0	0
UGR	19 22	19 22
CRI	>80	>80
MacAdam ellipse	3	3
Beam angle range	80-104	
Power range (W)	26,8-57	46,9-104,5
Colour temperature (°K)	3000 4000	3000 4000
Light range	3720-9000	6510-16500
Power factor	0,95	0,95
Efficiency (%)	62,5 75,4 78,7	63,3 69,8 71,5
Expectancy	60000 h L70B10	60000 h L70B10
DALI Option	✓	✓
Continuous function 24h	✓	✓
IP	30	30
Class	I	I
Ideal cut out (mm)	(L+10)x87	

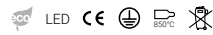
○ Opal diffuser ○ Wallwasher diffuser ○ Sheets diffuser

! Other CRI values
please contact us

Trazzo 70



Ceiling surface
mounted



IP
30

CRI
>80

UGR
22

80-104°

Expectancy
60000 h.
L70B10

Efficiency (%)
62,5

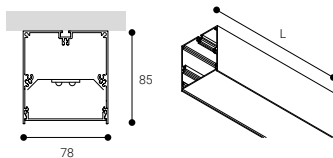
Photobiological safety

RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

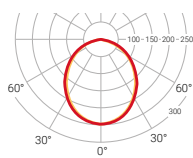
*Time under 3 h.

[Go to page 286 to learn more](#)

○ RAL9016
● RAL7001



Opal diffuser



— C0-C180
— C90-C270
 $\eta = 62\%$

	W	K	LUMEN	COLOUR	L(mm)	
T7A4L3OB	1x26,8W	3000	3720 lm	○	1130	2,8
T7A4L3OG	1x26,8W	3000	3720 lm	●	1130	2,8
T7A4L4OB	1x26,8W	4000	4000 lm	○	1130	2,8
T7A4L4OG	1x26,8W	4000	4000 lm	●	1130	2,8
T7A4H3OB	1x38W	3000	5600 lm	○	1130	2,8
T7A4H3OG	1x38W	3000	5600 lm	●	1130	2,8
T7A4H4OB	1x38W	4000	6000 lm	○	1130	2,8
T7A4H4OG	1x38W	4000	6000 lm	●	1130	2,8
T7A6L3OB	1x40,2W	3000	5580 lm	○	1690	4,1
T7A6L3OG	1x40,2W	3000	5580 lm	●	1690	4,1
T7A6L4OB	1x40,2W	4000	6000 lm	○	1690	4,1
T7A6L4OG	1x40,2W	4000	6000 lm	●	1690	4,1
T7A6H3OB	1x57W	3000	8400 lm	○	1690	4,1
T7A6H3OG	1x57W	3000	8400 lm	●	1690	4,1
T7A6H4OB	1x57W	4000	9000 lm	○	1690	4,1
T7A6H4OG	1x57W	4000	9000 lm	●	1690	4,1



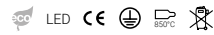
Compatible with **NormaLINK**

	W	K	LUMEN	COLOUR	L(mm)	
T7A4L3DOB	1x26,8W	3000	3720 lm	○	1130	2,8
T7A4L3DOG	1x26,8W	3000	3720 lm	●	1130	2,8
T7A4L4DOB	1x26,8W	4000	4000 lm	○	1130	2,8
T7A4L4DOG	1x26,8W	4000	4000 lm	●	1130	2,8
T7A4H3DOB	1x38W	3000	5600 lm	○	1130	2,8
T7A4H3DOG	1x38W	3000	5600 lm	●	1130	2,8
T7A4H4DOB	1x38W	4000	6000 lm	○	1130	2,8
T7A4H4DOG	1x38W	4000	6000 lm	●	1130	2,8
T7A6L3DOB	1x40,2W	3000	5580 lm	○	1690	4,1
T7A6L3DOG	1x40,2W	3000	5580 lm	●	1690	4,1
T7A6L4DOB	1x40,2W	4000	6000 lm	○	1690	4,1
T7A6L4DOG	1x40,2W	4000	6000 lm	●	1690	4,1
T7A6H3DOB	1x57W	3000	8400 lm	○	1690	4,1
T7A6H3DOG	1x57W	3000	8400 lm	●	1690	4,1
T7A6H4DOB	1x57W	4000	9000 lm	○	1690	4,1
T7A6H4DOG	1x57W	4000	9000 lm	●	1690	4,1

Trazzo 70



Ceiling surface
mounted



IP
30

CRI
>80

UGR
19

80-104°

Expectancy
60000 h.
L70B10

Efficiency (%)
75,4

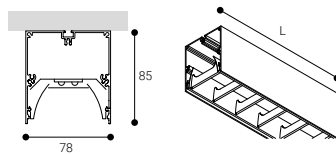
Photobiological safety

RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

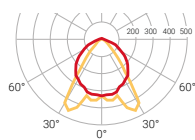
*Time under 3 h.

Go to page 286 to learn more

○ RAL9016
● RAL7001



Lamelas diffuser



— C0-C180
— C90-C270 $\eta=75\%$

	W	K	LUMEN	COLOUR	L(mm)	
T7A4L3LB	1x26,8W	3000	3720 lm	○	1130	2,8
T7A4L3LG	1x26,8W	3000	3720 lm	●	1130	2,8
T7A4L4LB	1x26,8W	4000	4000 lm	○	1130	2,8
T7A4L4LG	1x26,8W	4000	4000 lm	●	1130	2,8
T7A4H3LB	1x38W	3000	5600 lm	○	1130	2,8
T7A4H3LG	1x38W	3000	5600 lm	●	1130	2,8
T7A4H4LB	1x38W	4000	6000 lm	○	1130	2,8
T7A4H4LG	1x38W	4000	6000 lm	●	1130	2,8
T7A6L3LB	1x40,2W	3000	5580 lm	○	1690	4,1
T7A6L3LG	1x40,2W	3000	5580 lm	●	1690	4,1
T7A6L4LB	1x40,2W	4000	6000 lm	○	1690	4,1
T7A6L4LG	1x40,2W	4000	6000 lm	●	1690	4,1
T7A6H3LB	1x57W	3000	8400 lm	○	1690	4,1
T7A6H3LG	1x57W	3000	8400 lm	●	1690	4,1
T7A6H4LB	1x57W	4000	9000 lm	○	1690	4,1
T7A6H4LG	1x57W	4000	9000 lm	●	1690	4,1



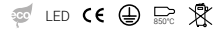
Compatible with **NormaLINK**

	W	K	LUMEN	COLOUR	L(mm)	
T7A4L3DLB	1x26,8W	3000	3720 lm	○	1130	2,8
T7A4L3DLG	1x26,8W	3000	3720 lm	●	1130	2,8
T7A4L4DLB	1x26,8W	4000	4000 lm	○	1130	2,8
T7A4L4DLG	1x26,8W	4000	4000 lm	●	1130	2,8
T7A4H3DLB	1x38W	3000	5600 lm	○	1130	2,8
T7A4H3DLG	1x38W	3000	5600 lm	●	1130	2,8
T7A4H4DLB	1x38W	4000	6000 lm	○	1130	2,8
T7A4H4DLG	1x38W	4000	6000 lm	●	1130	2,8
T7A6L3DLB	1x40,2W	3000	5580 lm	○	1690	4,1
T7A6L3DLG	1x40,2W	3000	5580 lm	●	1690	4,1
T7A6L4DLB	1x40,2W	4000	6000 lm	○	1690	4,1
T7A6L4DLG	1x40,2W	4000	6000 lm	●	1690	4,1
T7A6H3DLB	1x57W	3000	8400 lm	○	1690	4,1
T7A6H3DLG	1x57W	3000	8400 lm	●	1690	4,1
T7A6H4DLB	1x57W	4000	9000 lm	○	1690	4,1
T7A6H4DLG	1x57W	4000	9000 lm	●	1690	4,1

Trazzo 70



Ceiling surface mounted
Wallwasher



IP
30

CRI
>80

UGR
19

80-104°

Expectancy
60000 h.
L70B10

Efficiency (%)
78,7

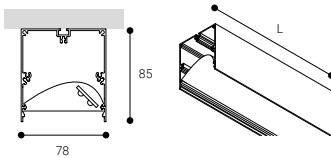
Photobiological safety

RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

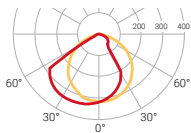
*Time under 3 h.

Go to page 286 to learn more

○ RAL9016
● RAL7001



Wallwasher diffuser



— C0-C180
— C90-C270 $\eta=79\%$

	W	K	LUMEN	COLOUR	L(mm)	
T7A4L3AB	1x26,8W	3000	3720 lm	○	1130	2,8
T7A4L3AG	1x26,8W	3000	3720 lm	●	1130	2,8
T7A4L4AB	1x26,8W	4000	4000 lm	○	1130	2,8
T7A4L4AG	1x26,8W	4000	4000 lm	●	1130	2,8
T7A4H3AB	1x38W	3000	5600 lm	○	1130	2,8
T7A4H3AG	1x38W	3000	5600 lm	●	1130	2,8
T7A4H4AB	1x38W	4000	6000 lm	○	1130	2,8
T7A4H4AG	1x38W	4000	6000 lm	●	1130	2,8
T7A6L3AB	1x40,2W	3000	5580 lm	○	1690	4,1
T7A6L3AG	1x40,2W	3000	5580 lm	●	1690	4,1
T7A6L4AB	1x40,2W	4000	6000 lm	○	1690	4,1
T7A6L4AG	1x40,2W	4000	6000 lm	●	1690	4,1
T7A6H3AB	1x57W	3000	8400 lm	○	1690	4,1
T7A6H3AG	1x57W	3000	8400 lm	●	1690	4,1
T7A6H4AB	1x57W	4000	9000 lm	○	1690	4,1
T7A6H4AG	1x57W	4000	9000 lm	●	1690	4,1



Compatible with **NormaLINK**

	W	K	LUMEN	COLOUR	L(mm)	
T7A4L3DAB	1x26,8W	3000	3720 lm	○	1130	2,8
T7A4L3DAG	1x26,8W	3000	3720 lm	●	1130	2,8
T7A4L4DAB	1x26,8W	4000	4000 lm	○	1130	2,8
T7A4L4DAG	1x26,8W	4000	4000 lm	●	1130	2,8
T7A4H3DAB	1x38W	3000	5600 lm	○	1130	2,8
T7A4H3DAG	1x38W	3000	5600 lm	●	1130	2,8
T7A4H4DAB	1x38W	4000	6000 lm	○	1130	2,8
T7A4H4DAG	1x38W	4000	6000 lm	●	1130	2,8
T7A6L3DAB	1x40,2W	3000	5580 lm	○	1690	4,1
T7A6L3DAG	1x40,2W	3000	5580 lm	●	1690	4,1
T7A6L4DAB	1x40,2W	4000	6000 lm	○	1690	4,1
T7A6L4DAG	1x40,2W	4000	6000 lm	●	1690	4,1
T7A6H3DAB	1x57W	3000	8400 lm	○	1690	4,1
T7A6H3DAG	1x57W	3000	8400 lm	●	1690	4,1
T7A6H4DAB	1x57W	4000	9000 lm	○	1690	4,1
T7A6H4DAG	1x57W	4000	9000 lm	●	1690	4,1

Trazzo 70

Ceiling suspended
mountedIP
30CRI
>80UGR
22

80-104°

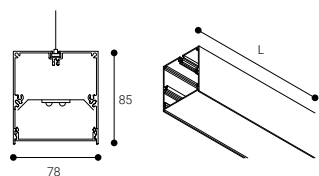
Expectancy
60000 h.
L70B10Efficiency (%)
62,5

Photobiological safety

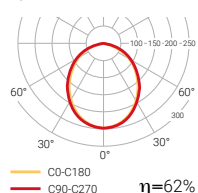
RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

Go to page 286 to learn more

☐ RAL9016
☐ RAL7001


Opal diffuser



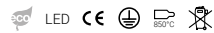
	W	K	LUMEN	COLOUR	L(mm)	
T7S4L30B	1x26,8W	3000	3720 lm	☐	1130	2,8
T7S4L30G	1x26,8W	3000	3720 lm	☒	1130	2,8
T7S4L40B	1x26,8W	4000	4000 lm	☐	1130	2,8
T7S4L40G	1x26,8W	4000	4000 lm	☒	1130	2,8
T7S4H30B	1x38W	3000	5600 lm	☐	1130	2,8
T7S4H30G	1x38W	3000	5600 lm	☒	1130	2,8
T7S4H40B	1x38W	4000	6000 lm	☐	1130	2,8
T7S4H40G	1x38W	4000	6000 lm	☒	1130	2,8
T7S6L30B	1x40,2W	3000	5580 lm	☐	1690	4,1
T7S6L30G	1x40,2W	3000	5580 lm	☒	1690	4,1
T7S6L40B	1x40,2W	4000	6000 lm	☐	1690	4,1
T7S6L40G	1x40,2W	4000	6000 lm	☒	1690	4,1
T7S6H30B	1x57W	3000	8400 lm	☐	1690	4,1
T7S6H30G	1x57W	3000	8400 lm	☒	1690	4,1
T7S6H40B	1x57W	4000	9000 lm	☐	1690	4,1
T7S6H40G	1x57W	4000	9000 lm	☒	1690	4,1

Compatible with **NormaLINK**

	W	K	LUMEN	COLOUR	L(mm)	
T7S4L3DOB	1x26,8W	3000	3720 lm	☐	1130	2,8
T7S4L3DOG	1x26,8W	3000	3720 lm	☒	1130	2,8
T7S4L4DOB	1x26,8W	4000	4000 lm	☐	1130	2,8
T7S4L4DOG	1x26,8W	4000	4000 lm	☒	1130	2,8
T7S4H3DOB	1x38W	3000	5600 lm	☐	1130	2,8
T7S4H3DOG	1x38W	3000	5600 lm	☒	1130	2,8
T7S4H4DOB	1x38W	4000	6000 lm	☐	1130	2,8
T7S4H4DOG	1x38W	4000	6000 lm	☒	1130	2,8
T7S6L3DOB	1x40,2W	3000	5580 lm	☐	1690	4,1
T7S6L3DOG	1x40,2W	3000	5580 lm	☒	1690	4,1
T7S6L4DOB	1x40,2W	4000	6000 lm	☐	1690	4,1
T7S6L4DOG	1x40,2W	4000	6000 lm	☒	1690	4,1
T7S6H3DOB	1x57W	3000	8400 lm	☐	1690	4,1
T7S6H3DOG	1x57W	3000	8400 lm	☒	1690	4,1
T7S6H4DOB	1x57W	4000	9000 lm	☐	1690	4,1
T7S6H4DOG	1x57W	4000	9000 lm	☒	1690	4,1

It is recommended the use of suspensions
for every 700 mm in linear mounting of
the ref. T7S4L and every 1500 mm in the
ref. T7S6L

Trazzo 70

Ceiling suspended
mountedIP
30CRI
>80UGR
19

80-104°

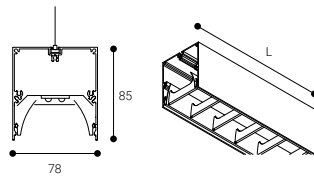
Expectancy
60000 h.
L70B10Efficiency (%)
75,4

Photobiological safety

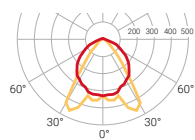
RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

Go to page 286 to learn more

☐ RAL9016
☐ RAL7001


Lamelas diffuser


 C0-C180
 C90-C270
 $\eta=75\%$

	W	K	LUMEN	COLOUR	L(mm)	
T7S4L3LB	1x26,8W	3000	3720 lm	☐	1130	2,8
T7S4L3LG	1x26,8W	3000	3720 lm	☒	1130	2,8
T7S4L4LB	1x26,8W	4000	4000 lm	☐	1130	2,8
T7S4L4LG	1x26,8W	4000	4000 lm	☒	1130	2,8
T7S4H3LB	1x38W	3000	5600 lm	☐	1130	2,8
T7S4H3LG	1x38W	3000	5600 lm	☒	1130	2,8
T7S4H4LB	1x38W	4000	6000 lm	☐	1130	2,8
T7S4H4LG	1x38W	4000	6000 lm	☒	1130	2,8
T7S6L3LB	1x40,2W	3000	5580 lm	☐	1690	4,1
T7S6L3LG	1x40,2W	3000	5580 lm	☒	1690	4,1
T7S6L4LB	1x40,2W	4000	6000 lm	☐	1690	4,1
T7S6L4LG	1x40,2W	4000	6000 lm	☒	1690	4,1
T7S6H3LB	1x57W	3000	8400 lm	☐	1690	4,1
T7S6H3LG	1x57W	3000	8400 lm	☒	1690	4,1
T7S6H4LB	1x57W	4000	9000 lm	☐	1690	4,1
T7S6H4LG	1x57W	4000	9000 lm	☒	1690	4,1

Compatible with **NormaLINK**

	W	K	LUMEN	COLOUR	L(mm)	
T7S4L3DLB	1x26,8W	3000	3720 lm	☐	1130	2,8
T7S4L3DLG	1x26,8W	3000	3720 lm	☒	1130	2,8
T7S4L4DLB	1x26,8W	4000	4000 lm	☐	1130	2,8
T7S4L4DLG	1x26,8W	4000	4000 lm	☒	1130	2,8
T7S4H3DLB	1x38W	3000	5600 lm	☐	1130	2,8
T7S4H3DLG	1x38W	3000	5600 lm	☒	1130	2,8
T7S4H4DLB	1x38W	4000	6000 lm	☐	1130	2,8
T7S4H4DLG	1x38W	4000	6000 lm	☒	1130	2,8
T7S6L3DLB	1x40,2W	3000	5580 lm	☐	1690	4,1
T7S6L3DLG	1x40,2W	3000	5580 lm	☒	1690	4,1
T7S6L4DLB	1x40,2W	4000	6000 lm	☐	1690	4,1
T7S6L4DLG	1x40,2W	4000	6000 lm	☒	1690	4,1
T7S6H3DLB	1x57W	3000	8400 lm	☐	1690	4,1
T7S6H3DLG	1x57W	3000	8400 lm	☒	1690	4,1
T7S6H4DLB	1x57W	4000	9000 lm	☐	1690	4,1
T7S6H4DLG	1x57W	4000	9000 lm	☒	1690	4,1

It is recommended the use of suspensions for every 700 mm in linear mounting of the ref. T7S4L and every 1500 mm in the ref. T7S6L

Trazzo 70



Ceiling suspended mounted
Wallwasher



IP
30

CRI
>80

UGR
19

80-104°

Expectancy
60000 h.
L70B10

Efficiency (%)
78,7

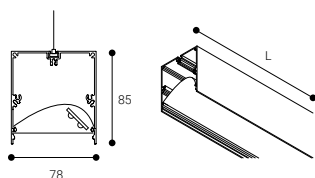
Photobiological safety

RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

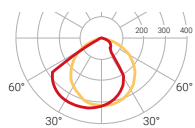
*Time under 3 h.

Go to page 286 to learn more

○ RAL9016
● RAL7001



Wallwasher diffuser



— C0-C180
— C90-C270 $\eta=79\%$

	W	K	LUMEN	COLOUR	L(mm)	
T7S4L3AB	1x26,8W	3000	3720 lm	○	1130	2,8
T7S4L3AG	1x26,8W	3000	3720 lm	●	1130	2,8
T7S4L4AB	1x26,8W	4000	4000 lm	○	1130	2,8
T7S4L4AG	1x26,8W	4000	4000 lm	●	1130	2,8
T7S4H3AB	1x38W	3000	5600 lm	○	1130	2,8
T7S4H3AG	1x38W	3000	5600 lm	●	1130	2,8
T7S4H4AB	1x38W	4000	6000 lm	○	1130	2,8
T7S4H4AG	1x38W	4000	6000 lm	●	1130	2,8
T7S6L3AB	1x40,2W	3000	5580 lm	○	1690	4,1
T7S6L3AG	1x40,2W	3000	5580 lm	●	1690	4,1
T7S6L4AB	1x40,2W	4000	6000 lm	○	1690	4,1
T7S6L4AG	1x40,2W	4000	6000 lm	●	1690	4,1
T7S6H3AB	1x57W	3000	8400 lm	○	1690	4,1
T7S6H3AG	1x57W	3000	8400 lm	●	1690	4,1
T7S6H4AB	1x57W	4000	9000 lm	○	1690	4,1
T7S6H4AG	1x57W	4000	9000 lm	●	1690	4,1



Compatible with **NormaLINK**

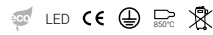
	W	K	LUMEN	COLOUR	L(mm)	
T7S4L3DAB	1x26,8W	3000	3720 lm	○	1130	2,8
T7S4L3DAG	1x26,8W	3000	3720 lm	●	1130	2,8
T7S4L4DAB	1x26,8W	4000	4000 lm	○	1130	2,8
T7S4L4DAG	1x26,8W	4000	4000 lm	●	1130	2,8
T7S4H3DAB	1x38W	3000	5600 lm	○	1130	2,8
T7S4H3DAG	1x38W	3000	5600 lm	●	1130	2,8
T7S4H4DAB	1x38W	4000	6000 lm	○	1130	2,8
T7S4H4DAG	1x38W	4000	6000 lm	●	1130	2,8
T7S6L3DAB	1x40,2W	3000	5580 lm	○	1690	4,1
T7S6L3DAG	1x40,2W	3000	5580 lm	●	1690	4,1
T7S6L4DAB	1x40,2W	4000	6000 lm	○	1690	4,1
T7S6L4DAG	1x40,2W	4000	6000 lm	●	1690	4,1
T7S6H3DAB	1x57W	3000	8400 lm	○	1690	4,1
T7S6H3DAG	1x57W	3000	8400 lm	●	1690	4,1
T7S6H4DAB	1x57W	4000	9000 lm	○	1690	4,1
T7S6H4DAG	1x57W	4000	9000 lm	●	1690	4,1

It is recommended the use of suspensions for every 700 mm in linear mounting of the ref: T7S4L and every 1500 mm in the ref: T7S6L

Trazzo 70



Wall surface
mounted



IP
30

CRI
>80

UGR
22

80-104°

Expectancy
60000 h.
L70B10

Efficiency (%)
62,5

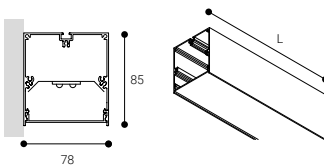
Photobiological safety

RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

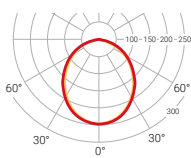
*Time under 3 h.

Go to page 286 to learn more

○ RAL9016
● RAL7001



Opal diffuser



— C0-C180
— C90-C270 $\eta=62\%$

	W	K	LUMEN	COLOUR	L(mm)	
T7P4L3OB	1x26,8W	3000	3720 lm	○	1130	2,8
T7P4L3OG	1x26,8W	3000	3720 lm	●	1130	2,8
T7P4L4OB	1x26,8W	4000	4000 lm	○	1130	2,8
T7P4L4OG	1x26,8W	4000	4000 lm	●	1130	2,8
T7P4H3OB	1x38W	3000	5600 lm	○	1130	2,8
T7P4H3OG	1x38W	3000	5600 lm	●	1130	2,8
T7P4H4OB	1x38W	4000	6000 lm	○	1130	2,8
T7P4H4OG	1x38W	4000	6000 lm	●	1130	2,8
T7P6L3OB	1x40,2W	3000	5580 lm	○	1690	4,1
T7P6L3OG	1x40,2W	3000	5580 lm	●	1690	4,1
T7P6L4OB	1x40,2W	4000	6000 lm	○	1690	4,1
T7P6L4OG	1x40,2W	4000	6000 lm	●	1690	4,1
T7P6H3OB	1x57W	3000	8400 lm	○	1690	4,1
T7P6H3OG	1x57W	3000	8400 lm	●	1690	4,1
T7P6H4OB	1x57W	4000	9000 lm	○	1690	4,1
T7P6H4OG	1x57W	4000	9000 lm	●	1690	4,1



Compatible with **NormaLINK**

	W	K	LUMEN	COLOUR	L(mm)	
T7P4L3DOB	1x26,8W	3000	3720 lm	○	1130	2,8
T7P4L3DOG	1x26,8W	3000	3720 lm	●	1130	2,8
T7P4L4DOB	1x26,8W	4000	4000 lm	○	1130	2,8
T7P4L4DOG	1x26,8W	4000	4000 lm	●	1130	2,8
T7P4H3DOB	1x38W	3000	5600 lm	○	1130	2,8
T7P4H3DOG	1x38W	3000	5600 lm	●	1130	2,8
T7P4H4DOB	1x38W	4000	6000 lm	○	1130	2,8
T7P4H4DOG	1x38W	4000	6000 lm	●	1130	2,8
T7P6L3DOB	1x40,2W	3000	5580 lm	○	1690	4,1
T7P6L3DOG	1x40,2W	3000	5580 lm	●	1690	4,1
T7P6L4DOB	1x40,2W	4000	6000 lm	○	1690	4,1
T7P6L4DOG	1x40,2W	4000	6000 lm	●	1690	4,1
T7P6H3DOB	1x57W	3000	8400 lm	○	1690	4,1
T7P6H3DOG	1x57W	3000	8400 lm	●	1690	4,1
T7P6H4DOB	1x57W	4000	9000 lm	○	1690	4,1
T7P6H4DOG	1x57W	4000	9000 lm	●	1690	4,1

Trazzo 70



Wall surface mounted
Wallwasher



LED CE 850°C

IP
30

CRI
>80

UGR
19

80-104°

Expectancy
60000 h.
L70B10

Efficiency (%)
78,7

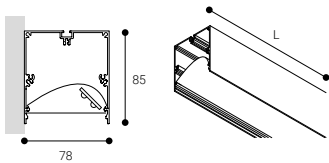
Photobiological safety

RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

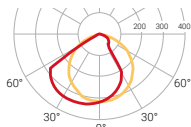
*Time under 3 h.

Go to page 286 to learn more

○ RAL9016
● RAL7001



Wallwasher diffuser



— C0-C180
— C90-C270 $\eta=79\%$

	W	K	LUMEN	COLOUR	L(mm)	
T7P4L3AB	1x26,8W	3000	3720 lm	○	1130	2,8
T7P4L3AG	1x26,8W	3000	3720 lm	●	1130	2,8
T7P4L4AB	1x26,8W	4000	4000 lm	○	1130	2,8
T7P4L4AG	1x26,8W	4000	4000 lm	●	1130	2,8
T7P4H3AB	1x38W	3000	5600 lm	○	1130	2,8
T7P4H3AG	1x38W	3000	5600 lm	●	1130	2,8
T7P4H4AB	1x38W	4000	6000 lm	○	1130	2,8
T7P4H4AG	1x38W	4000	6000 lm	●	1130	2,8
T7P6L3AB	1x40,2W	3000	5580 lm	○	1690	4,1
T7P6L3AG	1x40,2W	3000	5580 lm	●	1690	4,1
T7P6L4AB	1x40,2W	4000	6000 lm	○	1690	4,1
T7P6L4AG	1x40,2W	4000	6000 lm	●	1690	4,1
T7P6H3AB	1x57W	3000	8400 lm	○	1690	4,1
T7P6H3AG	1x57W	3000	8400 lm	●	1690	4,1
T7P6H4AB	1x57W	4000	9000 lm	○	1690	4,1
T7P6H4AG	1x57W	4000	9000 lm	●	1690	4,1



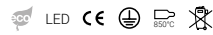
Compatible with **NormaLINK**

	W	K	LUMEN	COLOUR	L(mm)	
T7P4L3DAB	1x26,8W	3000	3720 lm	○	1130	2,8
T7P4L3DAG	1x26,8W	3000	3720 lm	●	1130	2,8
T7P4L4DAB	1x26,8W	4000	4000 lm	○	1130	2,8
T7P4L4DAG	1x26,8W	4000	4000 lm	●	1130	2,8
T7P4H3DAB	1x38W	3000	5600 lm	○	1130	2,8
T7P4H3DAG	1x38W	3000	5600 lm	●	1130	2,8
T7P4H4DAB	1x38W	4000	6000 lm	○	1130	2,8
T7P4H4DAG	1x38W	4000	6000 lm	●	1130	2,8
T7P6L3DAB	1x40,2W	3000	5580 lm	○	1690	4,1
T7P6L3DAG	1x40,2W	3000	5580 lm	●	1690	4,1
T7P6L4DAB	1x40,2W	4000	6000 lm	○	1690	4,1
T7P6L4DAG	1x40,2W	4000	6000 lm	●	1690	4,1
T7P6H3DAB	1x57W	3000	8400 lm	○	1690	4,1
T7P6H3DAG	1x57W	3000	8400 lm	●	1690	4,1
T7P6H4DAB	1x57W	4000	9000 lm	○	1690	4,1
T7P6H4DAG	1x57W	4000	9000 lm	●	1690	4,1

Trazzo 70



Ceiling recessed
mounted



IP
44

CRI
>80

UGR
22

80-104°

Expectancy
60000 h.
L70B10

Efficiency (%)
62,5

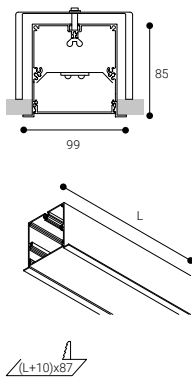
Photobiological safety

RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

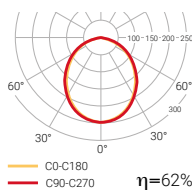
*Time under 3 h.

Go to page 286 to learn more

○ RAL9016
● RAL7001



Opal diffuser



Compatible with **NormaLINK**

	W	K	LUMEN	COLOUR	L(mm)	
T7E4L3OB	1x26,8W	3000	3720 lm	○	1130	2,8
T7E4L3OG	1x26,8W	3000	3720 lm	●	1130	2,8
T7E4L4OB	1x26,8W	4000	4000 lm	○	1130	2,8
T7E4L4OG	1x26,8W	4000	4000 lm	●	1130	2,8
T7E4H3OB	1x38W	3000	5600 lm	○	1130	2,8
T7E4H3OG	1x38W	3000	5600 lm	●	1130	2,8
T7E4H4OB	1x38W	4000	6000 lm	○	1130	2,8
T7E4H4OG	1x38W	4000	6000 lm	●	1130	2,8
T7E6L3OB	1x40,2W	3000	5580 lm	○	1690	4,1
T7E6L3OG	1x40,2W	3000	5580 lm	●	1690	4,1
T7E6L4OB	1x40,2W	4000	6000 lm	○	1690	4,1
T7E6L4OG	1x40,2W	4000	6000 lm	●	1690	4,1
T7E6H3OB	1x57W	3000	8400 lm	○	1690	4,1
T7E6H3OG	1x57W	3000	8400 lm	●	1690	4,1
T7E6H4OB	1x57W	4000	9000 lm	○	1690	4,1
T7E6H4OG	1x57W	4000	9000 lm	●	1690	4,1

Trazzo 70



Ceiling recessed
mounted



LED CE ENEC 85°C

IP
44

CRI
>80

UGR
19

80-104°

Expectancy
60000 h.
L70B10

Efficiency (%)
75,4

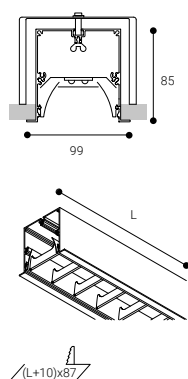
Photobiological safety

RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

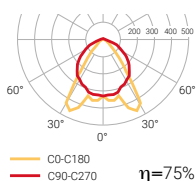
*Time under 3 h.

Go to page 286 to learn more

○ RAL9016
● RAL7001



Lamelas diffuser



	W	K	LUMEN	COLOUR	L(mm)	⚙️
T7E4L3LB	1x26,8W	3000	3720 lm	○	1130	2,8
T7E4L3LG	1x26,8W	3000	3720 lm	●	1130	2,8
T7E4L4LB	1x26,8W	4000	4000 lm	○	1130	2,8
T7E4L4LG	1x26,8W	4000	4000 lm	●	1130	2,8
T7E4H3LB	1x38W	3000	5600 lm	○	1130	2,8
T7E4H3LG	1x38W	3000	5600 lm	●	1130	2,8
T7E4H4LB	1x38W	4000	6000 lm	○	1130	2,8
T7E4H4LG	1x38W	4000	6000 lm	●	1130	2,8
T7E6L3LB	1x40,2W	3000	5580 lm	○	1690	4,1
T7E6L3LG	1x40,2W	3000	5580 lm	●	1690	4,1
T7E6L4LB	1x40,2W	4000	6000 lm	○	1690	4,1
T7E6L4LG	1x40,2W	4000	6000 lm	●	1690	4,1
T7E6H3LB	1x57W	3000	8400 lm	○	1690	4,1
T7E6H3LG	1x57W	3000	8400 lm	●	1690	4,1
T7E6H4LB	1x57W	4000	9000 lm	○	1690	4,1
T7E6H4LG	1x57W	4000	9000 lm	●	1690	4,1



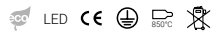
Compatible with **NormaLINK**

	W	K	LUMEN	COLOUR	L(mm)	⚙️
T7E4L3DLB	1x26,8W	3000	3720 lm	○	1130	2,8
T7E4L3DLG	1x26,8W	3000	3720 lm	●	1130	2,8
T7E4L4DLB	1x26,8W	4000	4000 lm	○	1130	2,8
T7E4L4DLG	1x26,8W	4000	4000 lm	●	1130	2,8
T7E4H3DLB	1x38W	3000	5600 lm	○	1130	2,8
T7E4H3DLG	1x38W	3000	5600 lm	●	1130	2,8
T7E4H4DLB	1x38W	4000	6000 lm	○	1130	2,8
T7E4H4DLG	1x38W	4000	6000 lm	●	1130	2,8
T7E6L3DLB	1x40,2W	3000	5580 lm	○	1690	4,1
T7E6L3DLG	1x40,2W	3000	5580 lm	●	1690	4,1
T7E6L4DLB	1x40,2W	4000	6000 lm	○	1690	4,1
T7E6L4DLG	1x40,2W	4000	6000 lm	●	1690	4,1
T7E6H3DLB	1x57W	3000	8400 lm	○	1690	4,1
T7E6H3DLG	1x57W	3000	8400 lm	●	1690	4,1
T7E6H4DLB	1x57W	4000	9000 lm	○	1690	4,1
T7E6H4DLG	1x57W	4000	9000 lm	●	1690	4,1

Trazzo 70



Ceiling recessed mounted
Wallwasher



IP
44

CRI
>80

UGR
19

80-104°

Expectancy
60000 h.
L70B10

Efficiency (%)
78,7

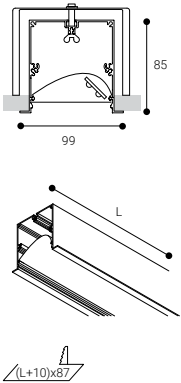
Photobiological safety

RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

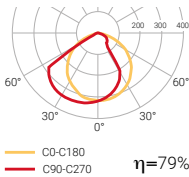
*Time under 3 h.

Go to page 286 to learn more

☐ RAL9016
☒ RAL7001



Wallwasher diffuser



	W	K	LUMEN	COLOUR	L(mm)	
T7E4L3AB	1x26,8W	3000	3720 lm	☐	1130	2,8
T7E4L3AG	1x26,8W	3000	3720 lm	☒	1130	2,8
T7E4L4AB	1x26,8W	4000	4000 lm	☐	1130	2,8
T7E4L4AG	1x26,8W	4000	4000 lm	☒	1130	2,8
T7E4H3AB	1x38W	3000	5600 lm	☐	1130	2,8
T7E4H3AG	1x38W	3000	5600 lm	☒	1130	2,8
T7E4H4AB	1x38W	4000	6000 lm	☐	1130	2,8
T7E4H4AG	1x38W	4000	6000 lm	☒	1130	2,8
T7E6L3AB	1x40,2W	3000	5580 lm	☐	1690	4,1
T7E6L3AG	1x40,2W	3000	5580 lm	☒	1690	4,1
T7E6L4AB	1x40,2W	4000	6000 lm	☐	1690	4,1
T7E6L4AG	1x40,2W	4000	6000 lm	☒	1690	4,1
T7E6H3AB	1x57W	3000	8400 lm	☐	1690	4,1
T7E6H3AG	1x57W	3000	8400 lm	☒	1690	4,1
T7E6H4AB	1x57W	4000	9000 lm	☐	1690	4,1
T7E6H4AG	1x57W	4000	9000 lm	☒	1690	4,1



Compatible with **NormaLINK**

	W	K	LUMEN	COLOUR	L(mm)	
T7E4L3DAB	1x26,8W	3000	3720 lm	☐	1130	2,8
T7E4L3DAG	1x26,8W	3000	3720 lm	☒	1130	2,8
T7E4L4DAB	1x26,8W	4000	4000 lm	☐	1130	2,8
T7E4L4DAG	1x26,8W	4000	4000 lm	☒	1130	2,8
T7E4H3DAB	1x38W	3000	5600 lm	☐	1130	2,8
T7E4H3DAG	1x38W	3000	5600 lm	☒	1130	2,8
T7E4H4DAB	1x38W	4000	6000 lm	☐	1130	2,8
T7E4H4DAG	1x38W	4000	6000 lm	☒	1130	2,8
T7E6L3DAB	1x40,2W	3000	5580 lm	☐	1690	4,1
T7E6L3DAG	1x40,2W	3000	5580 lm	☒	1690	4,1
T7E6L4DAB	1x40,2W	4000	6000 lm	☐	1690	4,1
T7E6L4DAG	1x40,2W	4000	6000 lm	☒	1690	4,1
T7E6H3DAB	1x57W	3000	8400 lm	☐	1690	4,1
T7E6H3DAG	1x57W	3000	8400 lm	☒	1690	4,1
T7E6H4DAB	1x57W	4000	9000 lm	☐	1690	4,1
T7E6H4DAG	1x57W	4000	9000 lm	☒	1690	4,1

Trazzo 70

ACCESSORIES

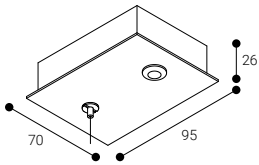
Suspension accessory

	L (m)	COLOUR
1029L2	2	●
1029L4	4	●



Connection box and power supply cable

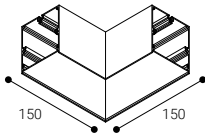
	POWER SUPPLY CABLE LENGHT	COLOUR
ETC1029B	2	○
ETC1029G	2	●
ETC10294MB	4	○
ETC10294MG	4	●



ETC10295PB	2	○
ETC10295PG	2	●
ETC10295P4MB	4	○
ETC10295P4MG	4	●

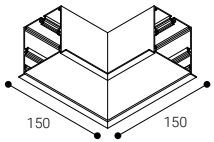
L shaped accessory

	COLOUR
TZ70D006B	○
TZ70D006G	●



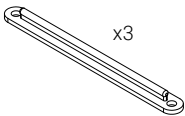
L shaped accessory
for recessed units

	COLOUR
TZ70E006B	○
TZ70E006G	●



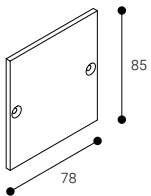
Joining accessory

	COLOUR
TZ70D014	●



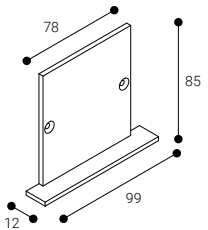
End cover

	COLOUR
TZ70D016B	○
TZ70D016G	●



End cover recessed model

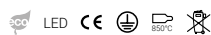
	COLOUR
TZ70E016B	○
TZ70E016G	●



Trazzo Mixto



Ceiling suspended mounted
Direct/Indirect



IP
30

CRI
>80

UGR
22

Expectancy
60000 h.
L70B10

Efficiency (%)
63,3

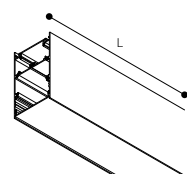
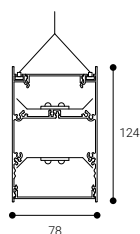
Photobiological safety

RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

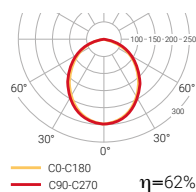
Go to page 286 to learn more

○ RAL9016
● RAL7001

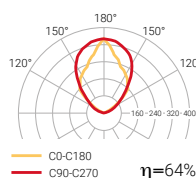


Opal diffuser

Direct



Indirect



Compatible with **NormaLINK**

	W	K	LUMEN	COLOUR	L(mm)	⚖
TMS4L3DOB	1x46,9W	3000	6510 lm	○	1130	4,8
TMS4L3DOG	1x46,9W	3000	6510 lm	●	1130	4,8
TMS4L4DOB	1x46,9W	4000	7000 lm	○	1130	4,8
TMS4L4DOG	1x46,9W	4000	7000 lm	●	1130	4,8
TMS4H3DOB	1x66,5W	3000	9800 lm	○	1130	4,8
TMS4H3DOG	1x66,5W	3000	9800 lm	●	1130	4,8
TMS4H4DOB	1x66,5W	4000	10500 lm	○	1130	4,8
TMS4H4DOG	1x66,5W	4000	10500 lm	●	1130	4,8
TMS6L3DOB	1x73,7W	3000	10230 lm	○	1690	7,1
TMS6L3DOG	1x73,7W	3000	10230 lm	●	1690	7,1
TMS6L4DOB	1x73,7W	4000	11000 lm	○	1690	7,1
TMS6L4DOG	1x73,7W	4000	11000 lm	●	1690	7,1
TMS6H3DOB	1x104,5W	3000	15400 lm	○	1690	7,1
TMS6H3DOG	1x104,5W	3000	15400 lm	●	1690	7,1
TMS6H4DOB	1x104,5W	4000	16500 lm	○	1690	7,1
TMS6H4DOG	1x104,5W	4000	16500 lm	●	1690	7,1

Trazzo Mixto



Ceiling suspended mounted
Direct/Indirect

LED CE ENEC

IP
30

CRI
>80

UGR
19

Expectancy
60000 h.
L70B10

Efficiency (%)
69,8

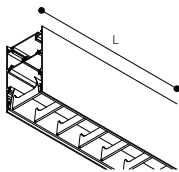
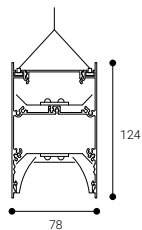
Photobiological safety

RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

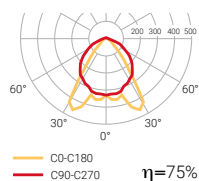
○ RAL9016
● RAL7001

Go to page 286 to learn more

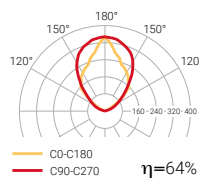


Lamelas diffuser

Direct



Indirect



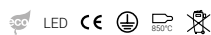
Compatible with **NormaLINK**

	W	K	LUMEN	COLOUR	L(mm)	
TMS4L3DLB	1x46,9W	3000	6510 lm	○	1130	4,8
TMS4L3DLG	1x46,9W	3000	6510 lm	●	1130	4,8
TMS4L4DLB	1x46,9W	4000	7000 lm	○	1130	4,8
TMS4L4DLG	1x46,9W	4000	7000 lm	●	1130	4,8
TMS4H3DLB	1x66,5W	3000	9800 lm	○	1130	4,8
TMS4H3DLG	1x66,5W	3000	9800 lm	●	1130	4,8
TMS4H4DLB	1x66,5W	4000	10500 lm	○	1130	4,8
TMS4H4DLG	1x66,5W	4000	10500 lm	●	1130	4,8
TMS6L3DLB	1x73,7W	3000	10230 lm	○	1690	7,1
TMS6L3DLG	1x73,7W	3000	10230 lm	●	1690	7,1
TMS6L4DLB	1x73,7W	4000	11000 lm	○	1690	7,1
TMS6L4DLG	1x73,7W	4000	11000 lm	●	1690	7,1
TMS6H3DLB	1x104,5W	3000	15400 lm	○	1690	7,1
TMS6H3DLG	1x104,5W	3000	15400 lm	●	1690	7,1
TMS6H4DLB	1x104,5W	4000	16500 lm	○	1690	7,1
TMS6H4DLG	1x104,5W	4000	16500 lm	●	1690	7,1

Trazzo Mixto



Ceiling suspended mounted
Wallwasher
Direct/Indirect



IP
30

CRI
>80

UGR
19

Expectancy
60000 h.
L70B10

Efficiency (%)
71,5

Photobiological safety

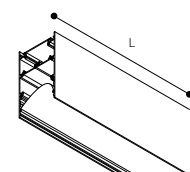
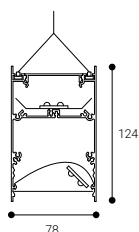
RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

Go to page 286 to learn more

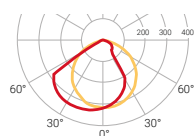
○ RAL9016

● RAL7001



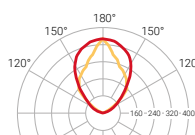
Wallwasher diffuser

Direct



— C0-C180
— C90-C270 $\eta=79\%$

Indirect



— C0-C180
— C90-C270 $\eta=64\%$



Compatible with **NormaLINK**

	W	K	LUMEN	COLOUR	L(mm)	
TMS4L3DAB	1x46,9W	3000	6510 lm	○	1130	4,8
TMS4L3DAG	1x46,9W	3000	6510 lm	●	1130	4,8
TMS4L4DAB	1x46,9W	4000	7000 lm	○	1130	4,8
TMS4L4DAG	1x46,9W	4000	7000 lm	●	1130	4,8
TMS4H3DAB	1x66,5W	3000	9800 lm	○	1130	4,8
TMS4H3DAG	1x66,5W	3000	9800 lm	●	1130	4,8
TMS4H4DAB	1x66,5W	4000	10500 lm	○	1130	4,8
TMS4H4DAG	1x66,5W	4000	10500 lm	●	1130	4,8
TMS6L3DAB	1x73,7W	3000	10230 lm	○	1690	7,1
TMS6L3DAG	1x73,7W	3000	10230 lm	●	1690	7,1
TMS6L4DAB	1x73,7W	4000	11000 lm	○	1690	7,1
TMS6L4DAG	1x73,7W	4000	11000 lm	●	1690	7,1
TMS6H3DAB	1x104,5W	3000	15400 lm	○	1690	7,1
TMS6H3DAG	1x104,5W	3000	15400 lm	●	1690	7,1
TMS6H4DAB	1x104,5W	4000	16500 lm	○	1690	7,1
TMS6H4DAG	1x104,5W	4000	16500 lm	●	1690	7,1

It is recommended the use of suspensions for every 700 mm in linear mounting of the ref: TMS4 and every 1500 mm in the ref: TMS6

Trazzo Mixto



Wall surface mounted
Direct/Indirect



IP
30

CRI
>80

UGR
22

Expectancy
60000 h.
L70B10

Efficiency (%)
63,3

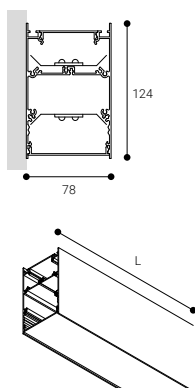
Photobiological safety

RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

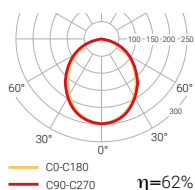
Go to page 286 to learn more

○ RAL9016
● RAL7001

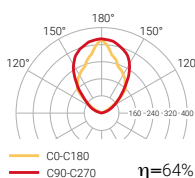


Opal diffuser

Direct



Indirect



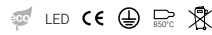
Compatible with **NormaLINK**

	W	K	LUMEN	COLOUR	L(mm)	
TMP4L3DOB	1x46,9W	3000	6510 lm	○	1130	4,8
TMP4L3DOG	1x46,9W	3000	6510 lm	●	1130	4,8
TMP4L4DOB	1x46,9W	4000	7000 lm	○	1130	4,8
TMP4L4DOG	1x46,9W	4000	7000 lm	●	1130	4,8
TMP4H3DOB	1x66,5W	3000	9800 lm	○	1130	4,8
TMP4H3DOG	1x66,5W	3000	9800 lm	●	1130	4,8
TMP4H4DOB	1x66,5W	4000	10500 lm	○	1130	4,8
TMP4H4DOG	1x66,5W	4000	10500 lm	●	1130	4,8
TMP6L3DOB	1x73,7W	3000	10230 lm	○	1690	7,1
TMP6L3DOG	1x73,7W	3000	10230 lm	●	1690	7,1
TMP6L4DOB	1x73,7W	4000	11000 lm	○	1690	7,1
TMP6L4DOG	1x73,7W	4000	11000 lm	●	1690	7,1
TMP6H3DOB	1x104,5W	3000	15400 lm	○	1690	7,1
TMP6H3DOG	1x104,5W	3000	15400 lm	●	1690	7,1
TMP6H4DOB	1x104,5W	4000	16500 lm	○	1690	7,1
TMP6H4DOG	1x104,5W	4000	16500 lm	●	1690	7,1

Trazzo Mixto



Wall surface mounted
Wallwasher
Direct/Indirect



IP
30

CRI
>80

UGR
19

Expectancy
60000 h.
L70B10

Efficiency (%)
71,5

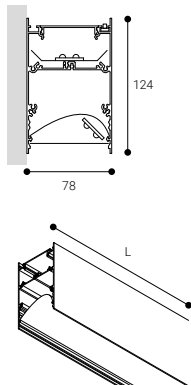
Photobiological safety

RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

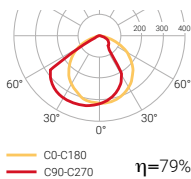
Go to page 286 to learn more

○ RAL9016
● RAL7001

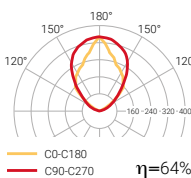


Wallwasher diffuser

Direct



Indirect



Compatible with **NormaLINK**

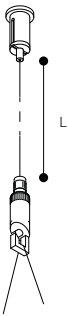
	W	K	LUMEN	COLOUR	L(mm)	
TMP4L3DAB	1x46,9W	3000	6510 lm	○	1130	4,8
TMP4L3DAG	1x46,9W	3000	6510 lm	●	1130	4,8
TMP4L4DAB	1x46,9W	4000	7000 lm	○	1130	4,8
TMP4L4DAG	1x46,9W	4000	7000 lm	●	1130	4,8
TMP4H3DAB	1x66,5W	3000	9800 lm	○	1130	4,8
TMP4H3DAG	1x66,5W	3000	9800 lm	●	1130	4,8
TMP4H4DAB	1x66,5W	4000	10500 lm	○	1130	4,8
TMP4H4DAG	1x66,5W	4000	10500 lm	●	1130	4,8
TMP6L3DAB	1x73,7W	3000	10230 lm	○	1690	7,1
TMP6L3DAG	1x73,7W	3000	10230 lm	●	1690	7,1
TMP6L4DAB	1x73,7W	4000	11000 lm	○	1690	7,1
TMP6L4DAG	1x73,7W	4000	11000 lm	●	1690	7,1
TMP6H3DAB	1x104,5W	3000	15400 lm	○	1690	7,1
TMP6H3DAG	1x104,5W	3000	15400 lm	●	1690	7,1
TMP6H4DAB	1x104,5W	4000	16500 lm	○	1690	7,1
TMP6H4DAG	1x104,5W	4000	16500 lm	●	1690	7,1

Trazzo Mixto

ACCESSORIES

Suspension accessory

	L (m)	COLOUR
1029TZ70	2	A

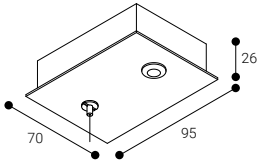


Connection box and power supply cable

	HOSE LENGTH	COLOUR
ETC1029B	2	○
ETC1029G	2	●
ETC10294MB	4	○
ETC10294MG	4	●

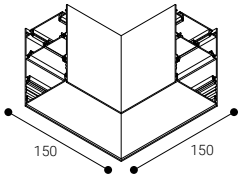


ETC10295PB	2	○
ETC10295PG	2	●
ETC10295P4MB	4	○
ETC10295P4MG	4	●



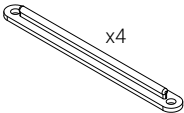
L shaped accessory

	COLOUR
TZ70M006B	○
TZ70M006G	●



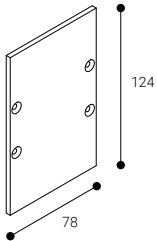
Joining accessory

	COLOUR
TZ70M014	●



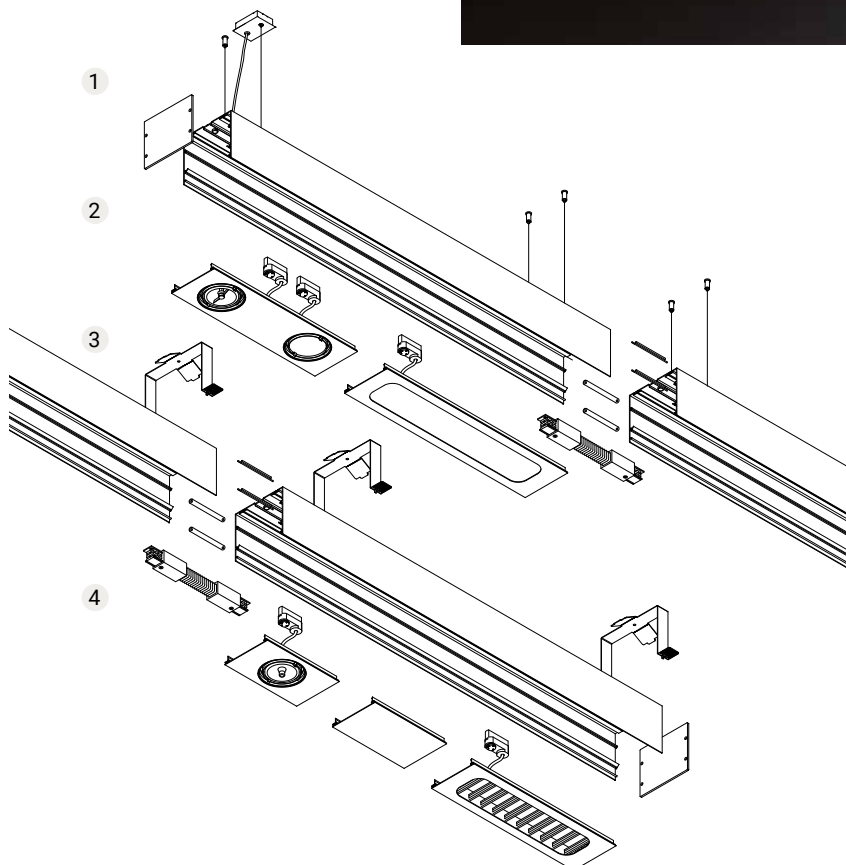
End cover

	COLOUR
TZ70M016B	○
TZ70M016G	●



Cosmos

COSMOS is a mixed structural system for spot and linear lighting. It is made of an extruded and lacquered aluminium profile housing. It can be installed suspended, recessed or ceiling mounted. The set is completed with fast installation lighting modules that enable the lighting properties of the installation to be changed at any point.



- 1 **END CAPS**
Sold separately, they include the terminals of electrified rail. In the recessed version, both caps come with ventilation holes.
- 2 **EXTERNAL PROFILE**
For all the possible configurations and available from 900mm up to 2400mm. Incorporates an electrified rail that guarantees the electrical continuity in all the pieces and with just one power connection.
- 3 **INSTALLATION**
Three options available: Suspended, surface mounted or ceiling recessed mounted. Once selected, all the necessary installation accessories will be assigned.
- 4 **MODULES**
Can be configured as projectors or fluorescent fittings, installed with clips that guarantee and simplify the mounting process. Electrical connection is made by means of an standard adapter.

Cosmos



Ceiling
suspended
mounted



Ceiling
surface
mounted

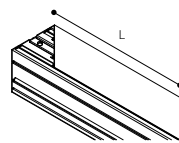
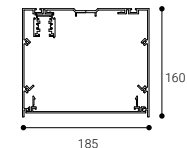


Ceiling
recessed
mounted

EXTERNAL PROFILE



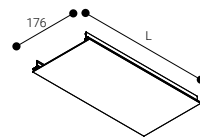
	L(mm)	COLOUR
CS3P0300B	300	○
CS3P0300N	300	●
CS3P0600B	600	○
CS3P0600N	600	●
CS3P0900B	900	○
CS3P0900N	900	●
CS3P1200B	1200	○
CS3P1200N	1200	●
CS3P1500B	1500	○
CS3P1500N	1500	●
CS3P1800B	1800	○
CS3P1800N	1800	●
CS3P2100B	2100	○
CS3P2100N	2100	●
CS3P2400B	2400	○
CS3P2400N	2400	●



BLANK MODULES



	L(mm)	COLOUR
CS3T0300B	300	○
CS3T0300N	300	●
CS3T0600B	600	○
CS3T0600N	600	●
CS3T0900B	900	○
CS3T0900N	900	●
CS3T1200B	1200	○
CS3T1200N	1200	●
CS3T1500B	1500	○
CS3T1500N	1500	●



○ RAL9016
● RAL9005

Cosmos

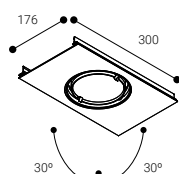


IP
20

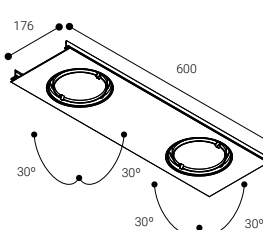
UGR
19

Expectancy
60000 h.
L70B10

CSP1

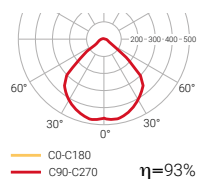


CSP2



○ RAL9016
● RAL9005

Transparent diffuser



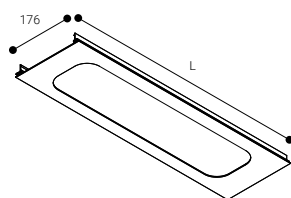
! DALI REGULATION
AVAILABLE



IP
20

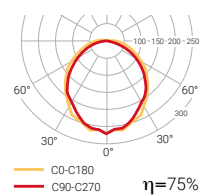
UGR
22

Expectancy
72000 h.
L70B10



○ RAL9016
● RAL9005

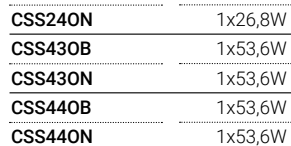
Opal diffuser



IP
20

UGR
22

Expectancy
72000 h.
L70B10



○ RAL9016
● RAL9005

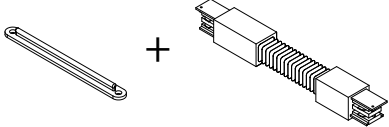
	W	K	LUMEN	COLOUR	
CSP123FB	1x11,8W	3000	1930 lm	○	1,2
CSP123FN	1x11,8W	3000	1930 lm	●	1,2
CSP124FB	1x11,8W	4000	2050 lm	○	1,2
CSP124FN	1x11,8W	4000	2050 lm	●	1,2
CSP223FB	1x11,8W	3000	3860 lm	○	2,4
CSP223FN	1x11,8W	3000	3860 lm	●	2,4
CSP224FB	1x11,8W	4000	4100 lm	○	2,4
CSP224FN	1x11,8W	4000	4100 lm	●	2,4

	W	K	LUMEN	COLOUR	
CSS230B	1x26,8W	3000	3040 lm	○	2,4
CSS230N	1x26,8W	3000	3040 lm	●	2,4
CSS240B	1x26,8W	4000	3360 lm	○	2,4
CSS240N	1x26,8W	4000	3360 lm	●	2,4
CSS430B	1x53,6W	3000	6080 lm	○	3,2
CSS430N	1x53,6W	3000	6080 lm	●	3,2
CSS440B	1x53,6W	4000	6720 lm	○	3,2
CSS440N	1x53,6W	4000	6720 lm	●	3,2

Cosmos

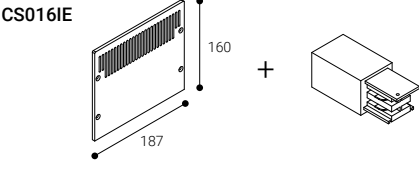
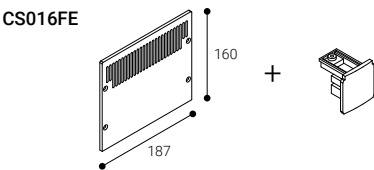
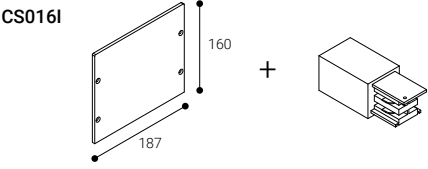
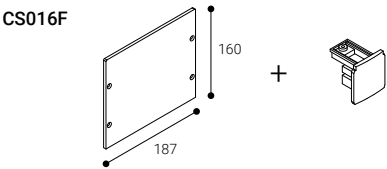
ACCESSORIES

Joining accessory

	COLOUR	
CS014B	○	
CS014N	●	

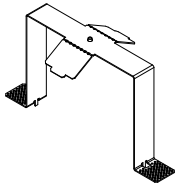
Cover

	COLOUR	
CS016FB	○	end cap
CS016FN	●	end cap
CS016FEB	○	end recessed
CS016FEN	●	end recessed
CS016IB	○	starting cap
CS016IN	●	starting cap
CS016IEB	○	recessed starting cap
CS016IEN	●	recessed starting cap



Recessed accessory

	L (mm)
CS0312	600 a 900
CS0313	1200 a 1500
CS0314	1800 a 2100



Suspension accessory

	L (m)	COLOUR
CS1029L2	2	
CS1029L2AB	2	○ with mains connection box
CS1029L2AN	2	● with mains connection box





Contelux

CONTELUX system is an extraordinarily versatile structure that can hold a wide variety of luminaires installed on its metallic trays.

CONTELUX structures can be fixed directly to the ceiling or be fitted with standard suspensions.

Specially useful when working with high ceiling, since the luminaires can be lowered to the desired height. This way we can use lower

power fittings without giving up a comfortable lighting in this type of installations.

The trays can be blank or can incorporate luminaires, emergency lighting, speakers, electrical sockets, security systems etc.

It is very easy to install and allows an optimization in the maintenance labors.

Compatible fittings



Elit



Elit Max



Elit Mini



Elit Micro



Dorfin



Linnea



For other fittings, please contact us

Contelux



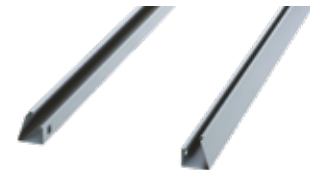
Ceiling
suspended
mounted



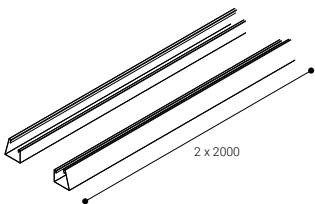
Ceiling
recessed
mounted

- RAL9016
- RAL7001
- RAL9005

Rail set 2x2000 mm



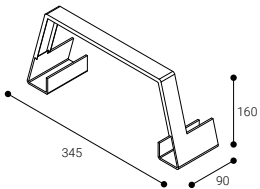
	COLOUR	 kg
MC2000B	○	4,8
MC2000G	●	4,8
MC2000N	●	4,8



End bridge bracket



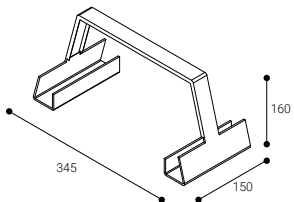
	COLOUR	 kg
MSIB	○	0,65
MSIG	●	0,65
MSIN	●	0,65



Intermediate bridge bracket



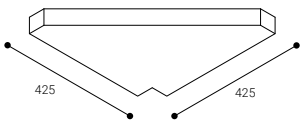
	COLOUR	 kg
MSMB	○	0,65
MSMG	●	0,65
MSMN	●	0,65



L connector



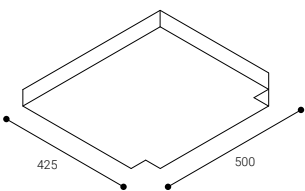
	COLOUR	 kg
MC250B	○	1,1
MC250G	●	1,1
MC250N	●	1,1



T Connector



	COLOUR	 kg
MT250B	○	1,8
MT250G	●	1,8
MT250N	●	1,8



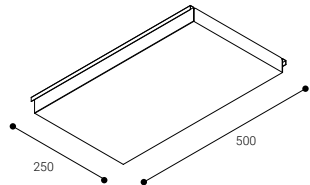
Contelux

- RAL9016
- RAL7001
- RAL9005



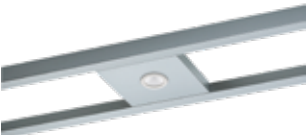
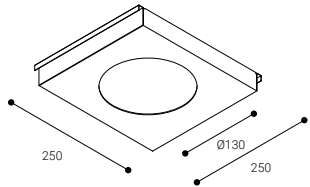
Blank tray

	COLOUR	 / kg
M250B	○	0,5
M250G	●	0,5
M250N	●	0,5
M500B	○	0,9
M500G	●	0,9
M500N	●	0,9
M750B	○	1,3
M750G	●	1,3
M750N	●	1,3



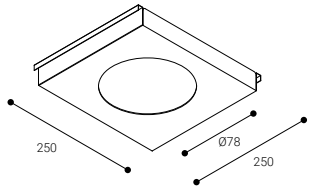
Tray for Elit Mini downlight

	COLOUR	 / kg
M250EMB	○	0,5
M250EMG	●	0,5
M250EMN	●	0,5



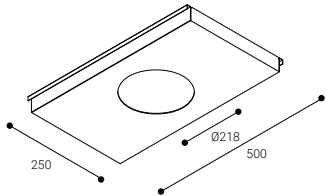
Tray for Elit Micro downlight

	COLOUR	 / kg
M250EPB	○	0,5
M250EPG	●	0,5
M250EPN	●	0,5



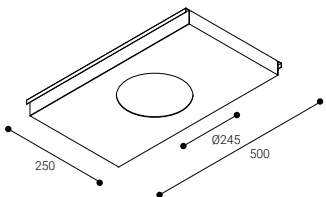
Tray for Elit downlight

	COLOUR	 / kg
M500ELB	○	0,9
M500ELG	●	0,9
M500ELN	●	0,9



Tray for Elit Max downlight

	COLOUR	 / kg
M500EEB	○	0,9
M500EEG	●	0,9
M500EEN	●	0,9



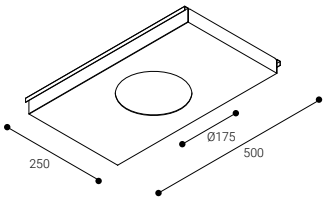
Contelux

- RAL9016
- RAL7001
- RAL9005



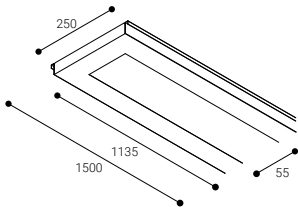
Tray for Dorfin downlight

	COLOUR	 kg
M500DB	○	0,9
M500DG	●	0,9
M500DN	●	0,9



Tray for Linnea profile

	COLOUR	 kg
M1500LB	○	2,6
M1500LG	●	2,6
M1500LN	●	2,6



FOR OTHER FINISHES, PLEASE CONTACT US

ACCESSORIES

Suspension accessory

	L (m)	COLOUR
1029L2	2	●
1029L4	4	●





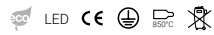
Sycom

SYCOM is a suspended lighting system that creates a distinctive geometry for each installation. The different modules can be combined in multiple ways.

Sycom



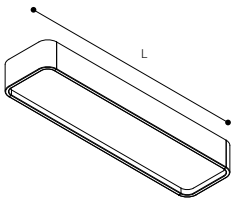
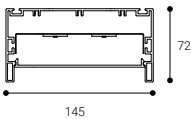
Ceiling suspended mounted
Direct



IP
30

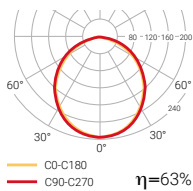
UGR
22

Expectancy
72000 h.
L70B10



○ RAL9016

Opal diffuser



	W	K	LUMEN	COLOUR	L(mm)	
SYS2L3B	1x26,8W	3000	3040 lm	○	584	3,9
SYS2L4B	1x26,8W	4000	3360 lm	○	584	3,9
SYS4L3B	1x53,6W	3000	6080 lm	○	1144	4,9
SYS4L4B	1x53,6W	4000	6720 lm	○	1144	4,9



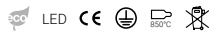
Compatible with **NormaLINK**

	W	K	LUMEN	COLOUR	L(mm)	
SYS2L3DB	1x26,8W	3000	3040 lm	○	584	3,9
SYS2L4DB	1x26,8W	4000	3360 lm	○	584	3,9
SYS4L3DB	1x53,6W	3000	6080 lm	○	1144	4,9
SYS4L4DB	1x53,6W	4000	6720 lm	○	1144	4,9

Sycom Projector

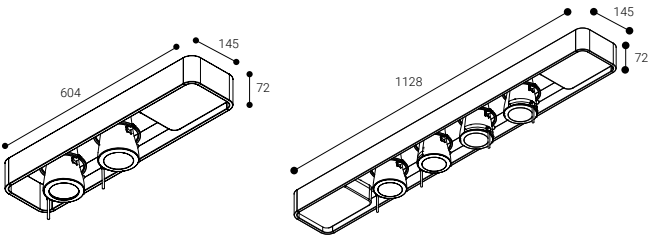
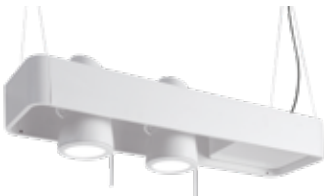


Ceiling suspended mounted
Direct



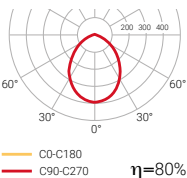
IP
20

UGR
19

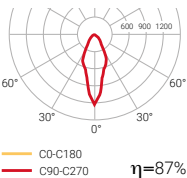


○ RAL9016

Opal diffuser



Transparent diffuser



	W	K	LUMEN	COLOUR	L(mm)	
SYP2230B	1x11,8W	3000	3860 lm	○	604	3,4
SYP223SB	1x11,8W	3000	3860 lm	○	604	3,4
SYP2240B	1x11,8W	4000	4100 lm	○	604	3,4
SYP224SB	1x11,8W	4000	4100 lm	○	604	3,4
SYP4230B	1x11,8W	3000	7720 lm	○	1128	6,8
SYP423SB	1x11,8W	3000	8860 lm	○	1128	6,8
SYP4240B	1x11,8W	4000	8200 lm	○	1128	6,8
SYP424SB	1x11,8W	4000	8200 lm	○	1128	6,8

Ref. O Opal diffuser. IP20. UGR22
Ref. S Transparent diffuser. IP20. UGR19

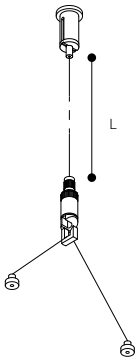


Sycom

ACCESSORIES

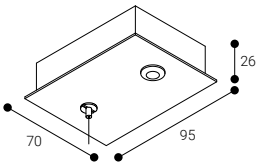
Suspension accessory

	L (m)	COLOUR
1029SYS	2	○
1029SYP	2	○



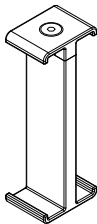
Connection box and power supply cable

	POWER SUPPLY CABLE LENGHT	COLOUR
ETC1029B	2	○
ETC10294MB	4	○



Joining accessory

	COLOUR
SY014B	○





Coral

CORAL is an LED lighting system based on an extruded and laquered aluminium profile. It might be displayed as suspended or a ceiling mounted fitting.

Ideal solution for linear structures of light.

Coral

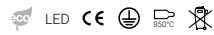
Installation	Ceiling surface mounted Ceiling suspended mounted
Diffuser	○
Light source	LED
Photobiological safety	0
UGR	22
CRI	>80
MacAdam ellipse	3
Beam angle range	105
Power range (W)	26,8-53,6
Colour temperature (°K)	3000 4000
Light range	3040-6720
Power factor	0,95
Efficiency (%)	75
Expectancy	72000 h L70B10
DALI Option	–
Continuous function 24h	✓
IP	30
Class	I

○ Opal diffuser



For other CRI values, please contact us.

Coral

Ceiling
surface
mountedCeiling
suspended
mountedIP
30CRI
>80UGR
22

105°

Expectancy
72000 h.
L70B10Efficiency (%)
75

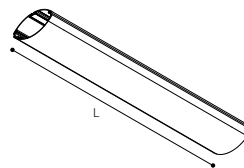
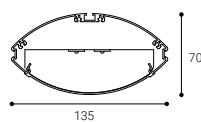
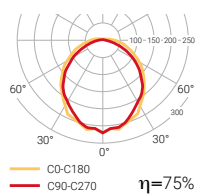
Photobiological safety

RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

Go to page 286 to learn more

Opal diffuser



○ RAL9016
● RAL7001

! DALI REGULATION
AVAILABLE

! Union accessories
included

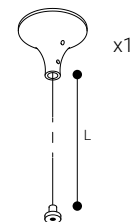
	W	K	LUMEN	COLOUR	L(mm)	⚖
C23LOB	1x26,8W	3000	3040 lm	○	580	1,8
C23LOG	1x26,8W	3000	3040 lm	●	580	1,8
C24LOB	1x26,8W	4000	3360 lm	○	580	1,8
C24LOG	1x26,8W	4000	3360 lm	●	580	1,8
C43LOB	1x53,6W	3000	6080 lm	○	1140	3,5
C43LOG	1x53,6W	3000	6080 lm	●	1140	3,5
C44LOB	1x53,6W	4000	6720 lm	○	1140	3,5
C44LOG	1x53,6W	4000	6720 lm	●	1140	3,5

ACCESSORIES

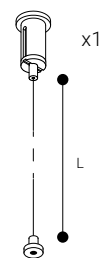
Suspension accessory

	L (m)	COLOUR
1027B	4	○
1027G	4	●
1028B	2	○
1028G	2	●
1029L2	2	○
1029L4	4	○

1027 / 1028



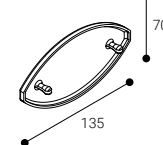
1029



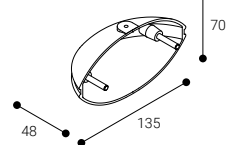
End cover

	COLOUR
C015B	○
C015G	●
C016B	○
C016G	●

C015

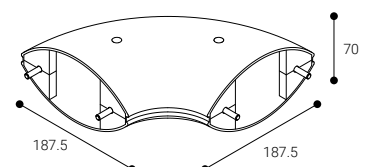


C016



Elbow union accessory

	COLOUR
C006B	○
C006G	●





Zafiro

ZAFIRO is a small-sized spatial system.
Specially designed for LED light sources, made
of aluminium profile.

Zafiro

Installation	Ceiling surface mounted Ceiling suspended mounted
Diffuser	
Light source	LED
Photobiological safety	0
UGR	22
CRI	>80
MacAdam ellipse	3
Beam angle range	100
Power range (W)	26,8-57
Colour temperature (°K)	3000 4000
Light range	3040-7740
Power factor	0,95
Efficiency (%)	54,2
Expectancy	72000 h L70B10
DALI Option	✓
Continuous function 24h	✓
IP	30
Class	I

 Opal diffuser



For other CRI values, please contact us.

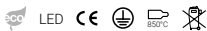
Zafiro



Ceiling
surface
mounted



Ceiling
suspended
mounted



IP
30

CRI
>80

UGR
22

100°

Expectancy
72000 h.
L70B10

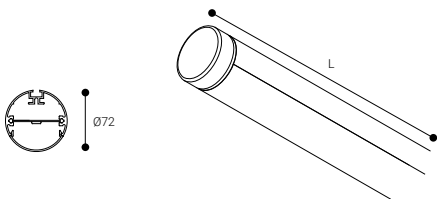
Efficiency (%)
54,2

Photobiological safety

RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

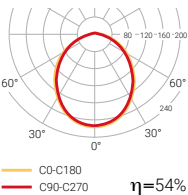
*Time under 3 h.

Go to page 286 to learn more



○ RAL9016
● RAL7001

Opal diffuser



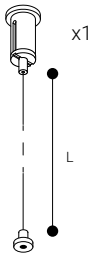
**DALI REGULATION
AVAILABLE**

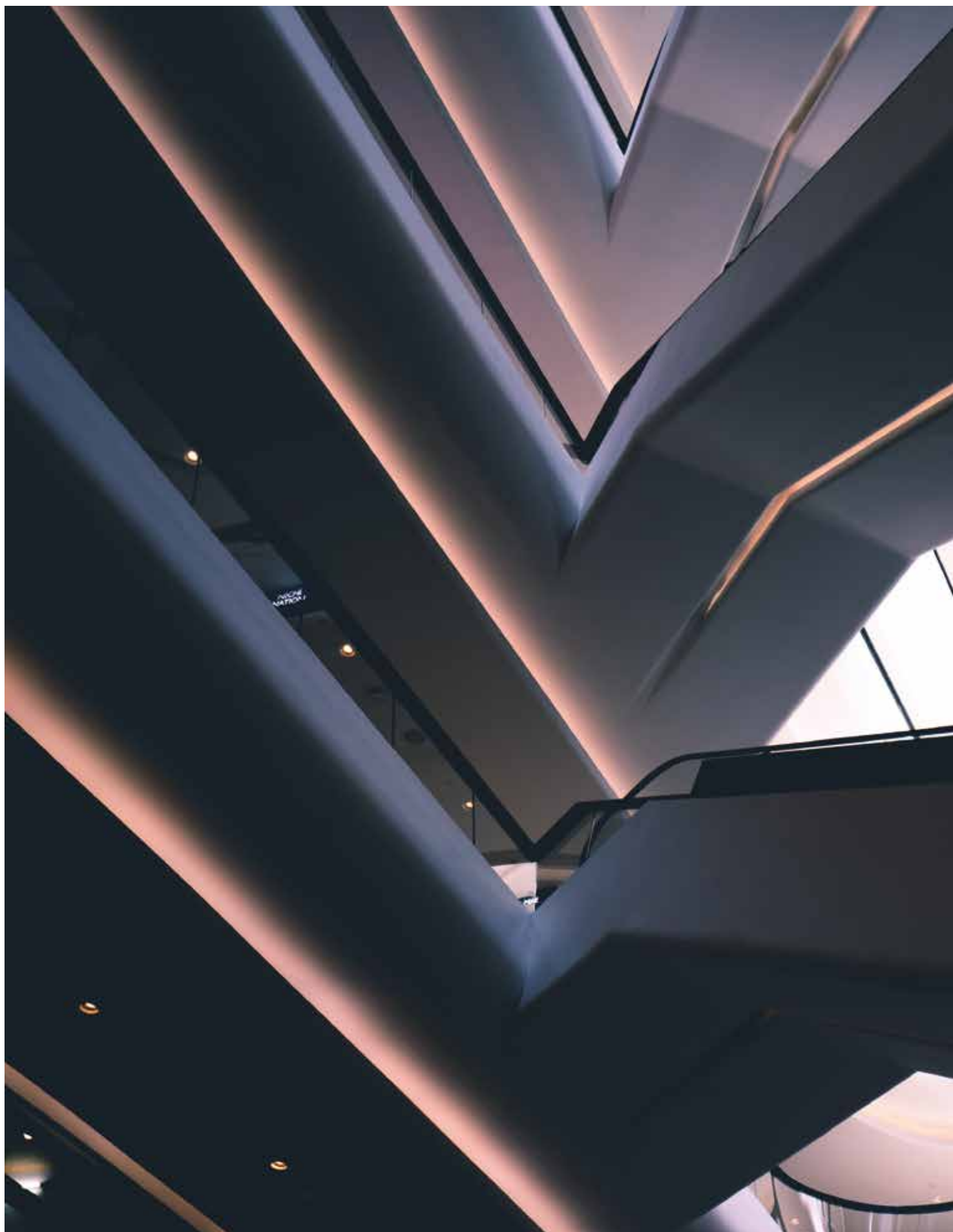
	W	K	LUMEN	COLOUR	L(mm)	
Z4L30B	1x26,8W	3000	3040 lm	○	1180	2,0
Z4L30G	1x26,8W	3000	3040 lm	●	1180	2,0
Z4L40B	1x26,8W	4000	3360 lm	○	1180	2,0
Z4L40G	1x26,8W	4000	3360 lm	●	1180	2,0
Z4H30B	1x38W	3000	4640 lm	○	1180	2,0
Z4H30G	1x38W	3000	4640 lm	●	1180	2,0
Z4H40B	1x38W	4000	5160 lm	○	1180	2,0
Z4H40G	1x38W	4000	5160 lm	●	1180	2,0
Z6L30B	1x40,2W	3000	4560 lm	○	1740	2,9
Z6L30G	1x40,2W	3000	4560 lm	●	1740	2,9
Z6L40B	1x40,2W	4000	5040 lm	○	1740	2,9
Z6L40G	1x40,2W	4000	5040 lm	●	1740	2,9
Z6H30B	1x57W	3000	6960 lm	○	1740	2,9
Z6H30G	1x57W	3000	6960 lm	●	1740	2,9
Z6H40B	1x57W	4000	7740 lm	○	1740	2,9
Z6H40G	1x57W	4000	7740 lm	●	1740	2,9

ACCESSORIES

Suspension accessory

	L (m)	COLOUR
1029L2	2	●
1029L4	4	●







LED strips

We offer a complete professional solution in decorative lighting using LED strips.

High brightness 24V monochromatic or RGBW LED strips for indoors (IP20) or outdoors use (IP67) and perfect to illuminate and decorate any domestic, commercial or professional atmosphere.

Wide range of profiles, perfectly adapted to the needs of any project.

Normalit supplies a solution which is fully customized and ready to install: LED strip + Profile + Cover + Accessories. Check the supply conditions.



Please ask us about our cut and assembly service

Profiles

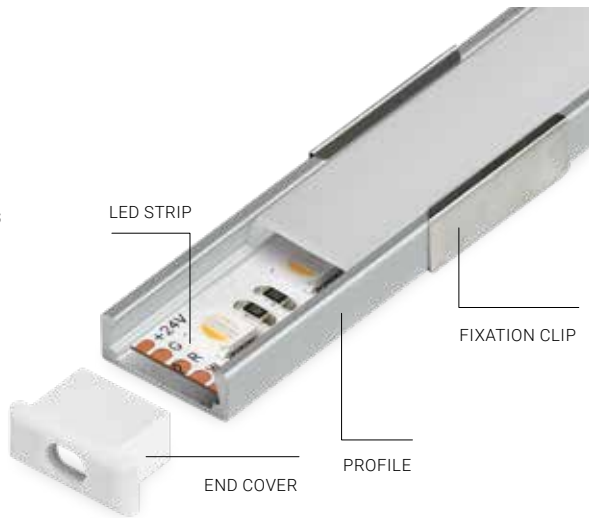
LED strips

Drivers
and controllers

LED strips

Profiles

We offer different types of profile solutions for different types of executions: recessed, surface mounted and corner mounted. We also offer profiles in different heights, and wider housings for IP67 strips.



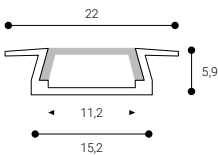
RECESSED MOUNTED PROFILES

Low height recessed profile



	LENGTH
TLP1A	1 m
TLP2A	2 m

COMPATIBILITY STRIP	
IP 20	Monochromatic



COVERS

OPAL



TRANSPARENT



	LENGTH
TL01AB	1 m
TL02AB	2 m

	LENGTH
TLT1AB	1 m
TLT2AB	2 m

ACCESSORIES

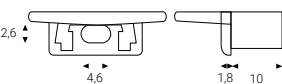
END COVERS

TLPAT



FIXATION CLIPS

TLPABS



LED strips

RECESSED MOUNTED PROFILES

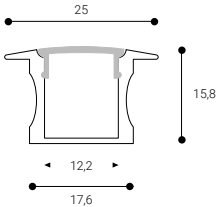
Standard recessed mounted



	LENGTH
TLP1C	1 m
TLP2C	2 m

COMPATIBILITY STRIP	
IP 20	Monochromatic
IP 20	RGBW

IP 67
Monochromatic



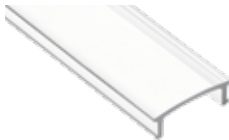
COVERS

OPAL



	LENGTH
TL01CD	1 m
TL02CD	2 m

TRANSPARENT



	LENGTH
TLT1CD	1 m
TLT2CD	2 m

ACCESSORIES

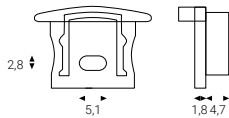
END COVERS

TLPCT



FIXATION CLIPS

TLPDCS



Wide recessed mounted

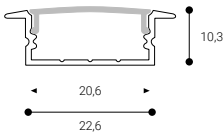


	LENGTH
TLP1F	1 m
TLP2F	2 m

COMPATIBILITY STRIP	
IP 20	Monochromatic
IP 20	RGBW

IP 67
Monochromatic

IP 67
RGBW



COVERS

OPAL



	LENGTH
TL01FG	1 m
TL02FG	2 m

TRANSPARENT



	LENGTH
TLT1FG	1 m
TLT2FG	2 m

ACCESSORIES

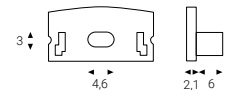
END COVERS

TLPFT



FIXATION CLIPS

TLPFGS



LED strips

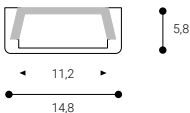
SURFACE MOUNTED PROFILES

Surface mounted low height



LENGTH	
TLP1B	1 m
TLP2B	2 m

COMPATIBILITY STRIP	
IP 20	Monochromatic



COVERS

OPAL



TRANSPARENT



LENGTH	
TL01AB	1 m
TL02AB	2 m

LENGTH	
TLT1AB	1 m
TLT2AB	2 m

ACCESSORIES

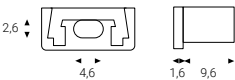
END COVERS

TLPBT



FIXATION CLIPS

TLPABS

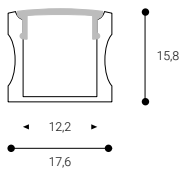


Standard surface mounted



LENGTH	
TLP1D	1 m
TLP2D	2 m

COMPATIBILITY STRIP	
IP 20	Monochromatic
IP 20	RGBW
IP 67	Monochromatic

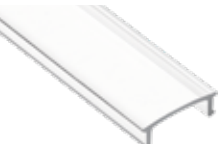


COVERS

OPAL



TRANSPARENT



LENGTH	
TL01CD	1 m
TL02CD	2 m

LENGTH	
TLT1CD	1 m
TLT2CD	2 m

ACCESSORIES

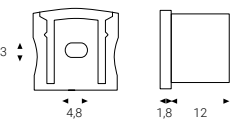
END COVERS

TLPDT



FIXATION CLIPS

TLPCDS



LED strips

SURFACE MOUNTED PROFILES

Wide surface mounted



LENGTH		COMPATIBILITY STRIP				10,8	
TLP1G	1 m	IP 20	Monochromatic	IP 67	Monochromatic	20,6	
TLP2G	2 m	IP 20	RGBW	IP 67	RGBW	23	

COVERS

OPAL



TRANSPARENT



LENGTH	
TL01FG	1 m
TL02FG	2 m

LENGTH	
TLT1FG	1 m
TLT2FG	2 m

ACCESSORIES

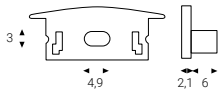
END COVERS

TLPGT



FIXATION CLIPS

TLPFGS



LED strips

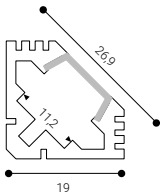
PROFILES FOR CORNERS

Standard corner



	LENGTH
TLP1E	1 m
TLP2E	2 m

COMPATIBILITY STRIP	
IP 20	Monochromatic
IP 20	RGBW
IP 67	Monochromatic



COVERS

OPAL



	LENGTH
TL01AB	1 m
TL02AB	2 m

TRANSPARENT



	LENGTH
TLT1AB	1 m
TLT2AB	2 m

ACCESSORIES

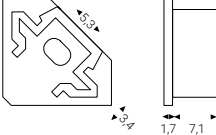
END COVERS

TLPET



FIXATION CLIPS

TLPES

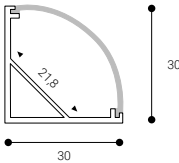


Wide corner profile



	LENGTH
TLP1H	1 m
TLP2H	2 m

COMPATIBILITY STRIP	
IP 20	Monochromatic
IP 20	RGBW
IP 67	Monochromatic
IP 67	RGBW



COVERS

OPAL



	LENGTH
TL01H	1 m
TL02H	2 m

TRANSPARENT



	LENGTH
TLT1H	1 m
TLT2H	2 m

ACCESSORIES

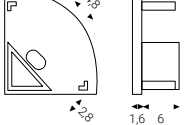
END COVERS

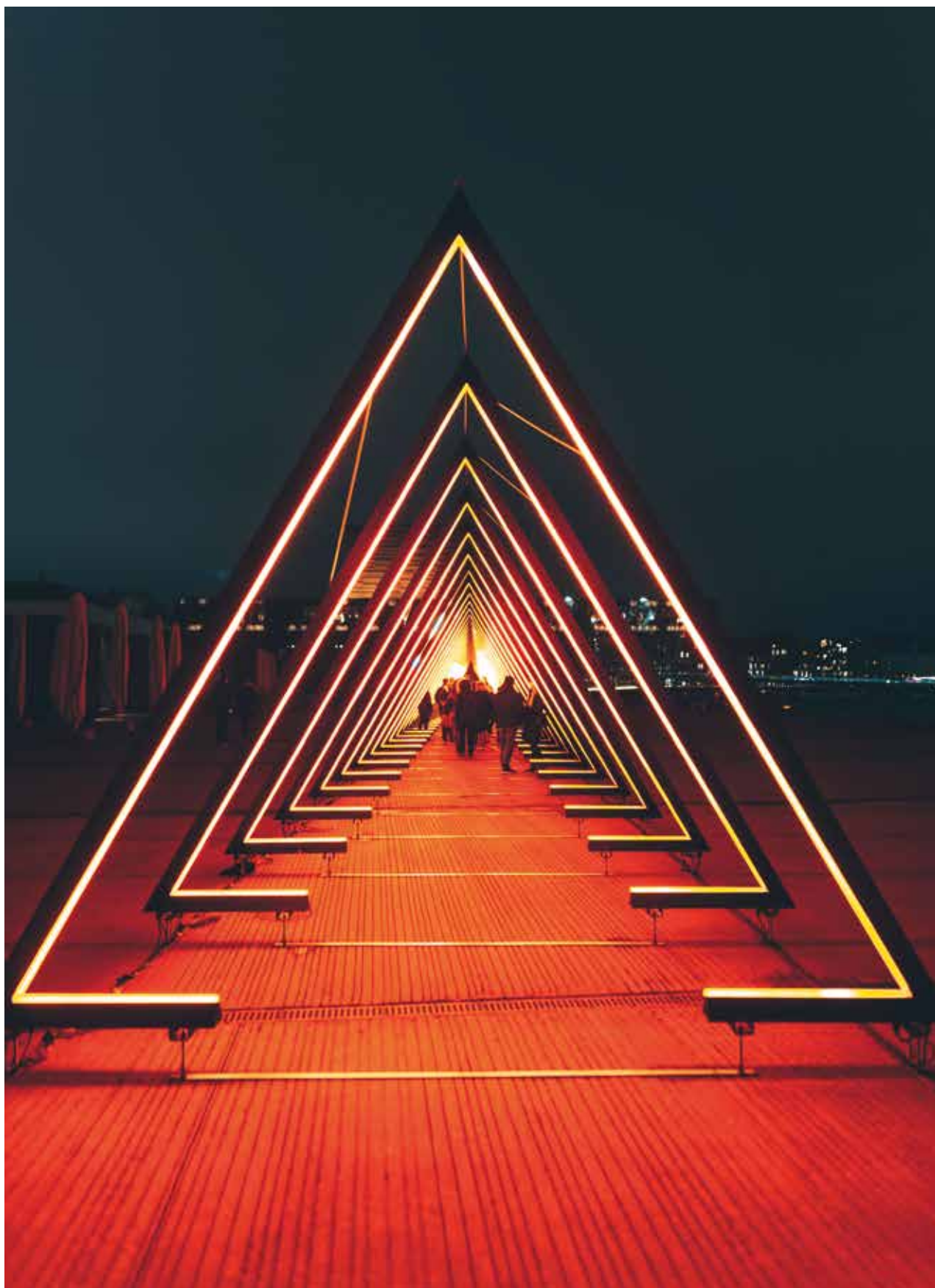
TLPHT



FIXATION CLIPS

TLPHS





LED strips

LED strips IP20

IP20 MONOCHROMATIC

 LED 

IP 20

CRI 90

24 V

Monochromatic LED strips (IP20) for indoors with adhesive tape included.
Available in four different powers (4.8 w / 9.6 w / 14.4 w / 19.2 w) and four
colour temperatures (2700K / 3000K / 4000K / 5000K).

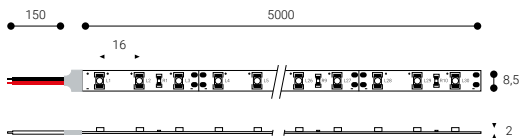


Supplied in 5 meters reels.
Please ask for other measurements.

4,8 W/m 60 Leds/m Expectancy 50000 h. L70B10



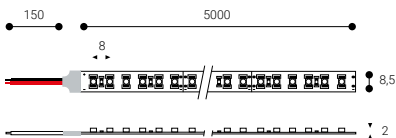
	Lm/m	K	WIDTH	↔
TL0427I	420 lm	2700	8,5 mm	100 mm
TL0430I	420 lm	3000	8,5 mm	100 mm
TL0440I	420 lm	4000	8,5 mm	100 mm
TL0450I	420 lm	5000	8,5 mm	100 mm



9,6 W/m 120 Leds/m Expectancy 50000 h. L70B10



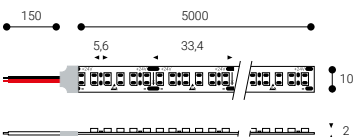
	Lm/m	K	WIDTH	↔
TL0827I	840 lm	2700	8,5 mm	50 mm
TL0830I	840 lm	3000	8,5 mm	50 mm
TL0840I	840 lm	4000	8,5 mm	50 mm
TL0850I	840 lm	5000	8,5 mm	50 mm



14,4 W/m 180 Leds/m Expectancy 50000 h. L70B10



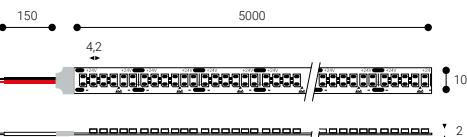
	Lm/m	K	WIDTH	↔
TL1227I	1200 lm	2700	10 mm	34 mm
TL1230I	1200 lm	3000	10 mm	34 mm
TL1240I	1200 lm	4000	10 mm	34 mm
TL1250I	1200 lm	5000	10 mm	34 mm



19,2 W/m 240 Leds/m Expectancy 50000 h. L70B10



	Lm/m	K	WIDTH	↔
TL1727I	1700 lm	2700	10 mm	25 mm
TL1730I	1700 lm	3000	10 mm	25 mm
TL1740I	1700 lm	4000	10 mm	25 mm
TL1750I	1700 lm	5000	10 mm	25 mm



LED strips

IP20 RGBW

 LED 

IP 20

24 V

RGBW Led strips (IP20) for indoors with adhesive tape included. Unlike the monochromatic LED strip, the RGBW LED strip makes it possible to create customized atmospheres thanks to the light control through the mixture of red, green and blue colours. Furthermore, it is possible to play with different white tones (from warm white to cold white). Available in two different powers (19.2 w / 23 w.)

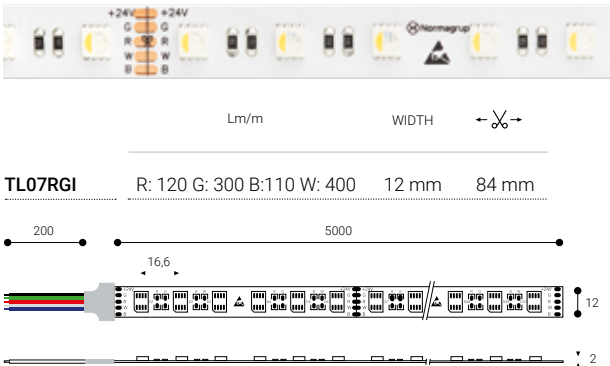


Supplied in 5 meters reels.
Please ask for other measurements.

19,2 W/m

60 Leds/m

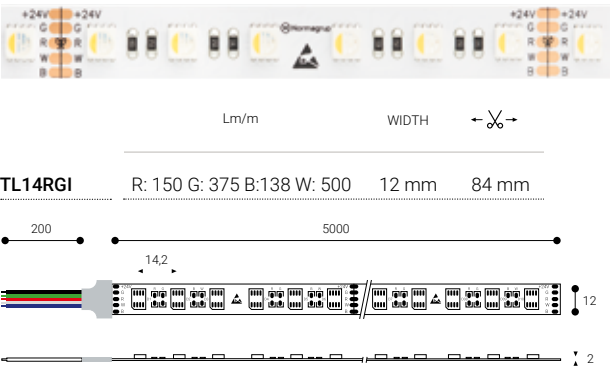
Expectancy
50000 h. L70B10



23 W/m

72 Leds/m

Expectancy
50000 h. L70B10



LED strips

LED strips IP67

IP67 MONOCHROMATIC

 LED 

IP 67



CRI 90

24 V

Monochromatic LED strips (IP67) for outdoors with adhesive tape included.
Available in four different powers (4.8 w / 9.6 w / 14.4 w / 19.2 w) and four
colour temperatures (2700K / 3000K / 4000K / 5000K).

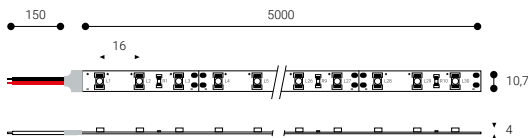
!

Supplied in 5 meters reels.
Please ask for other measurements.

4,8 W/m 60 Leds/m Expectancy 50000 h. L70B10



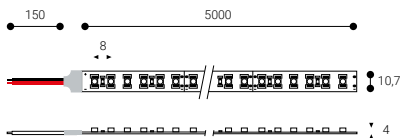
	Lm/m	K	WIDTH	↔ ✂ ↔
TL04270	420 lm	2700	10,7 mm	100 mm
TL04300	420 lm	3000	10,7 mm	100 mm
TL04400	420 lm	4000	10,7 mm	100 mm
TL04500	420 lm	5000	10,7 mm	100 mm



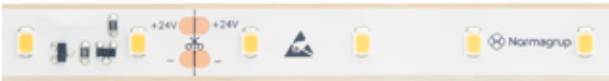
9,6 W/m 120 Leds/m Expectancy 50000 h. L70B10



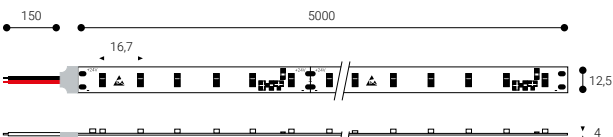
	Lm/m	K	WIDTH	↔ ✂ ↔
TL08270	840 lm	2700	10,7 mm	50 mm
TL08300	840 lm	3000	10,7 mm	50 mm
TL08400	840 lm	4000	10,7 mm	50 mm
TL08500	840 lm	5000	10,7 mm	50 mm



14,4 W/m 60 Leds/m Expectancy 50000 h. L70B10



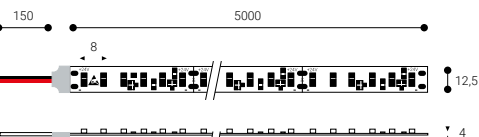
	Lm/m	K	WIDTH	↔ ✂ ↔
TL12270	1200 lm	2700	12,5 mm	100 mm
TL12300	1200 lm	3000	12,5 mm	100 mm
TL12400	1200 lm	4000	12,5 mm	100 mm
TL12500	1200 lm	5000	12,5 mm	100 mm



19,2 W/m 120 Leds/m Expectancy 50000 h. L70B10



	Lm/m	K	WIDTH	↔ ✂ ↔
TL17270	1700 lm	2700	12,5 mm	50 mm
TL17300	1700 lm	3000	12,5 mm	50 mm
TL17400	1700 lm	4000	12,5 mm	50 mm
TL17500	1700 lm	5000	12,5 mm	50 mm



LED strips

IP67 RGBW

 LED 

IP 67 

24 V

RGBW LED strips (IP67) with adhesive tape included.
Unlike the monochromatic LED strips, RGBW LED strip makes it possible to create different customized environments thanks to controlling the colour by mixing red, green and blue. It is also possible to experiment with the different types of white light (from warm white to cold white).
Available in two powers (19.2 w / 23 w).

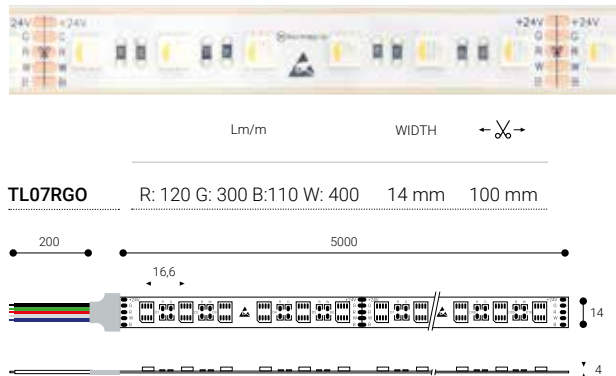
!

Supplied in 5 meters reels.
Please ask for other measurements.

19,2 W/m

60 Leds/m

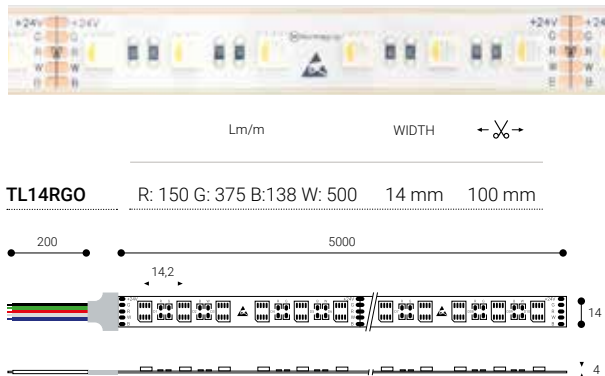
Expectancy
50000 h. L70B10



23 W/m

72 Leds/m

Expectancy
50000 h. L70B10



ACCESSORIES

	DESCRIPTION
TLIP13	Accessory bag for the handling of IP67 led strips10,7 mm. wide. It includes terminal, connector and end covers, and joints fixation.
TLIP15	Accessory bag for the handling of IP67 led strips12,5 mm. wide. It includes terminal, connector and end covers, and joints fixation.
TLIP17	Accessory bag for the handling of IP67 led strips14 mm. wide. It includes terminal, connector and end covers, and joints fixation.

LED strips

Drivers

FOR LED STRIP

Standard

IP 20

W

BE03024	30
BE06024	60
BE07524	75
BE12024	120
BE18024	180
BEU35024	350

IP 67

W

BE030240	30
BE075240	75
BE100240	100
BE150240	150
BE200240	200
BEU300240	300

DIMENSIONS	X	Y	Z
BE03024	153	41,4	32
BE06024	180	52	30
BE07524	180	52	30
BE12024	300	40	30
BE18024	345	50	35
BEU35024	220	62	31
BE030240	131	42	34
BE075240	155	49	32
BE100240	206	68,6	37
BE150240	206	68,6	37
BE200240	206	68,6	37
BEU300240	246	77	39,5

X

Y

Z

DALI

Compatible with

IP 20

W

BE03524D	35
BE06024D	60
BE10024D	100
BE15024D	150

DIMENSIONS	X	Y	Z
BE03524D	195	43	30,2
BE06024D	225	43	30,2
BE10024D	295	43	29,8
BE15024D	325	43	30,2

X

Y

Z

LED strips

Controllers and amplifiers

REMOTE CONTROL



TRARF (RGBW)

Set of remote control and controller for RGBW led strip.

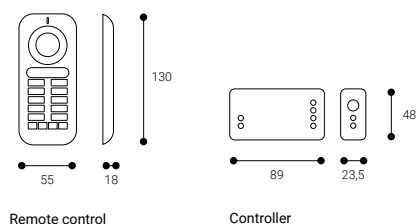
- Controls up to 8 zones
- Colour ring selector
- 9 predefined programs
- Radiofrequency transmission: 2.4 Ghz
- Maximum range: 30 meters
- Remote control dimensions: 18 x 55 x 130 mm
- Power: 3w (Two AAA batteries)
- Made in PC
- Controller dimensions: 23,5 x 48 x 89 mm
- Power: 24v DC
- Maximum power: 360w
- Maximum power per channel: 144W

TRARF-M

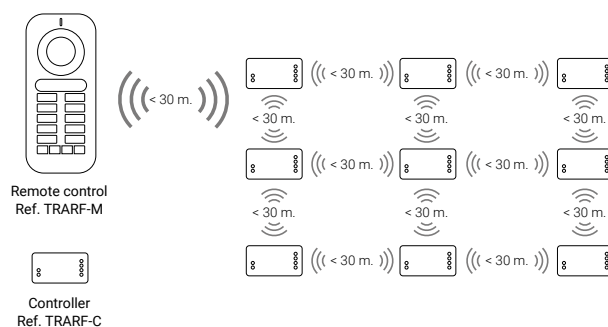
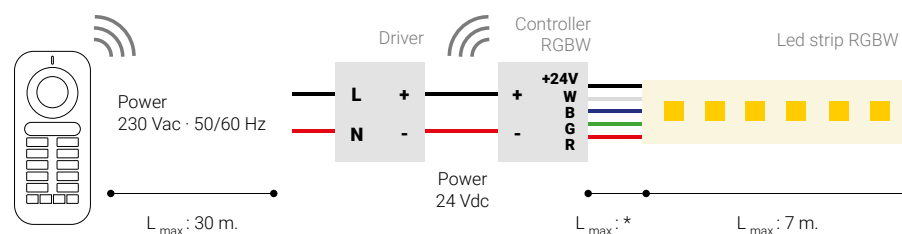
Remote control for TRARF-C controller.

TRARF-C

Controller for RGBW led strip.



Remote control wiring



Each controller is able to reproduce the signal to other controllers that are 30 meters or less away from it.

*Maximum length of 2 metres for a wire with length section below 0.5 sq.mm. For more than 2 metres, use a wire of 1.5 sq.mm. section.

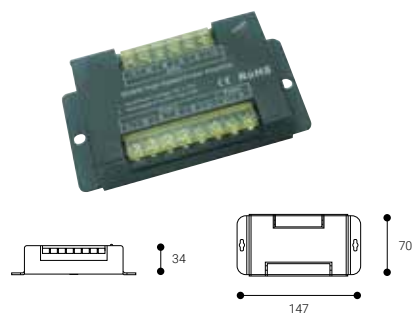
LED strips

Amplifiers

TRAMP (Monochromatic and RGBW)

Amplifier for 24v RGBW led strip.

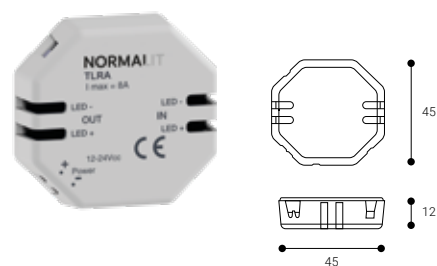
- Output power: 768W.
- Dimensions: 147x70x34 mm.
- Power: 24 Vcc



TLRA

Signal amplifier for monochromatic led strip 12-24 Vcc

- Output power: 192 W.
- Dimensions: 45x45x12 mm.
- Power: 24 Vcc

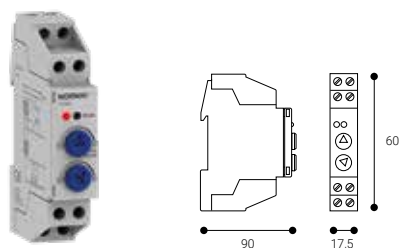


Regulators

TLRD

Regulator for monochromatic led strip 12-48 Vcc with rotating remote control.

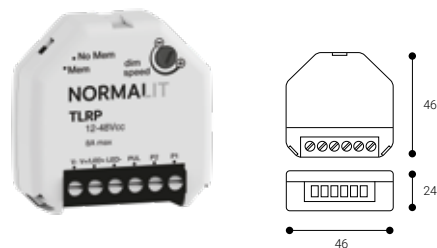
- Output power: 192 W.
- Dimensions: 90x17,5x60 mm. (one DIN rail module)
- Power: 24 Vcc

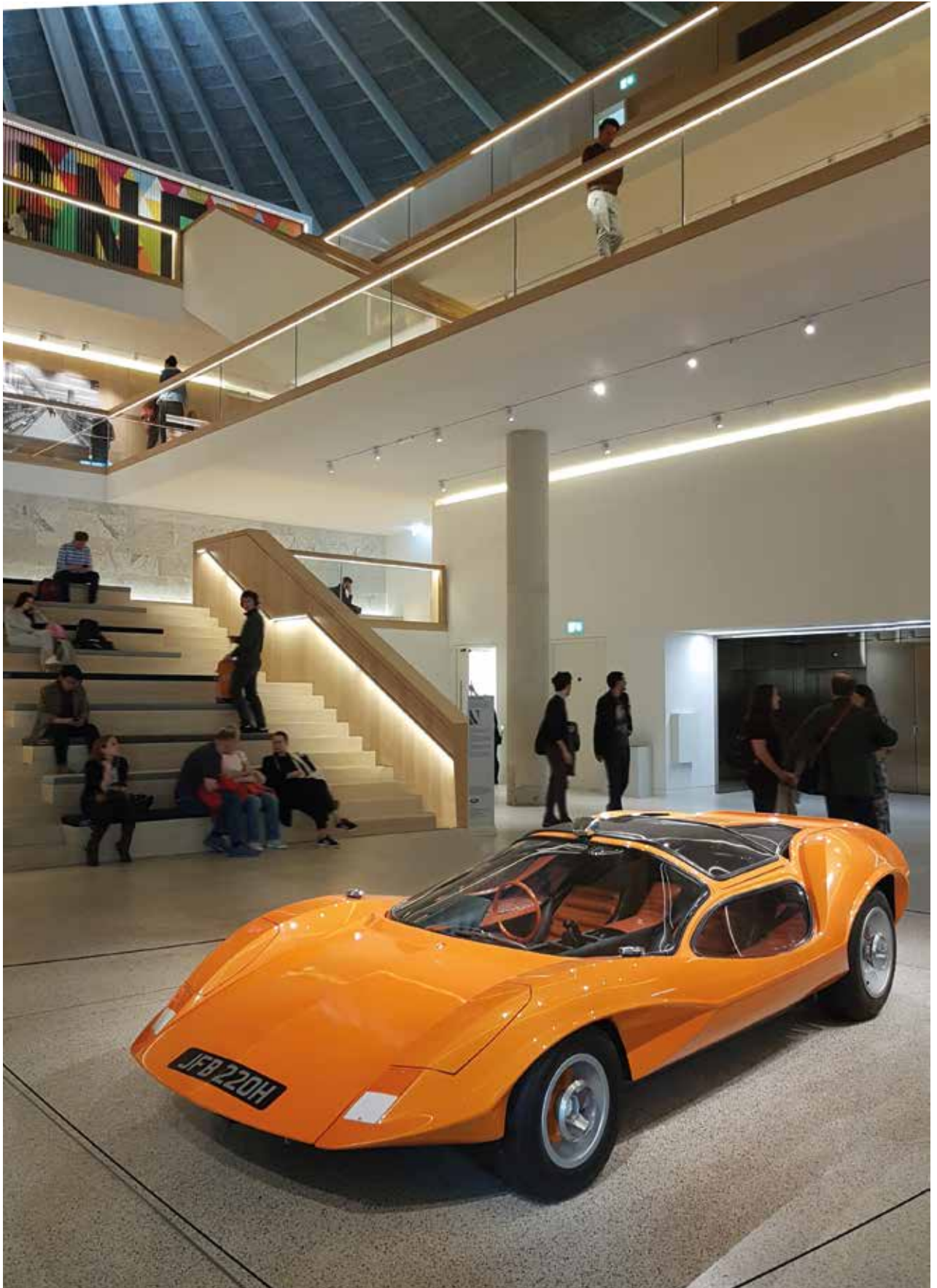


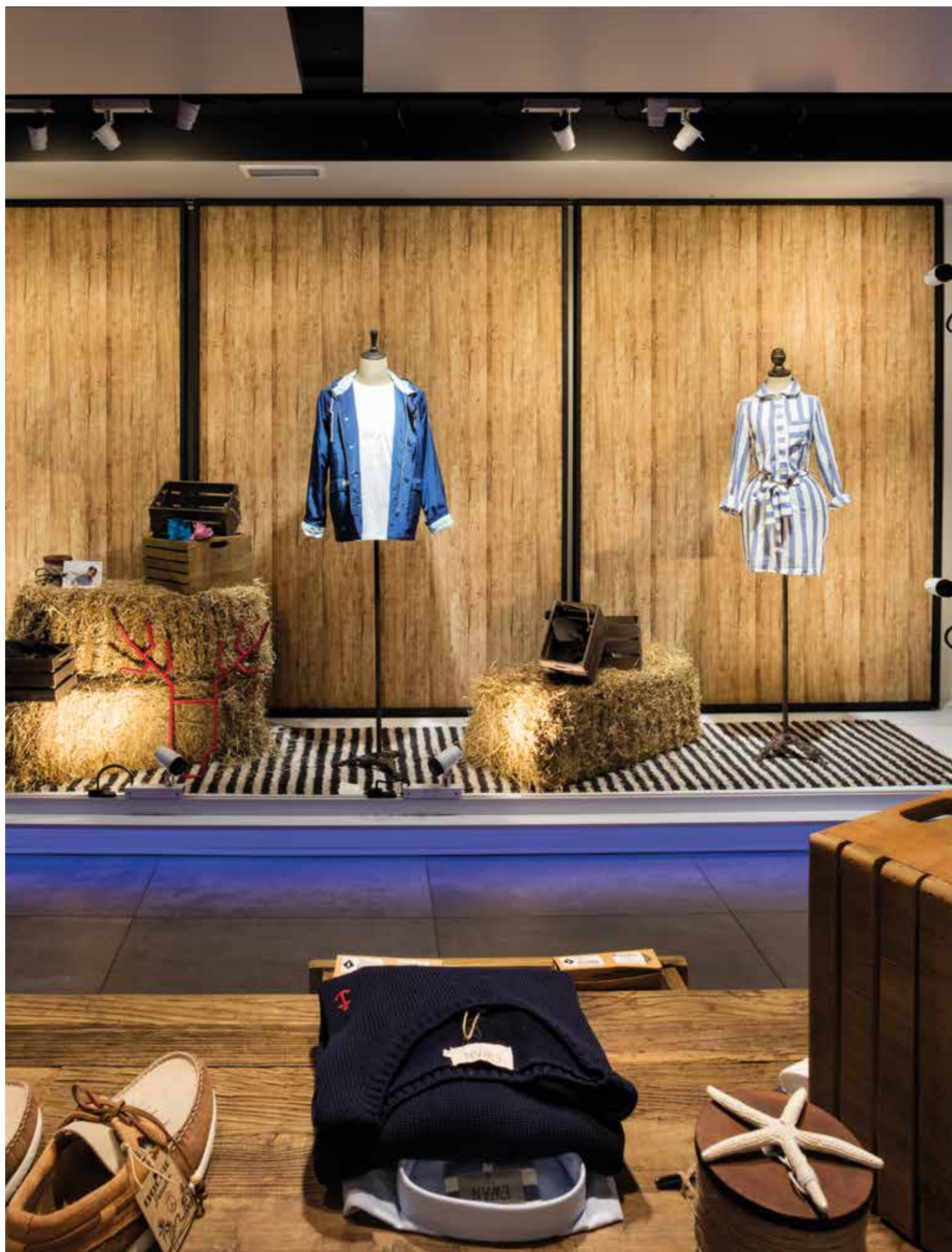
TLRP

Regulator for monochromatic LED strips 12-48 Vcc

- Output power: 192 W.
- Dimensions: 46x46x24 mm.
- Power: 24 Vcc







Projectors

Aqa	235
Dot	239
Area	242
Prolit	248
Nora	251
Rail	253



Aqa

Aqa is the new cylindric projector: elegant, attractive and tough.

Three different optics available: Intensive (15°), medium (25°) and extensive (45°).

Aqa is available in white, grey and black finishings.

**FITTING INTEGRATED
IN THE ELECTRIFIED TRACK ADAPTER**

Aqa

Installation	Electrified track
Diffuser	○
Light source	LED
Photobiological safety	1
UGR	19
CRI	>80
MacAdam ellipse	3
Beam angle range	15-45
Power range (W)	11,8-25,1
Colour temperature (°K)	3000 4000
Light range	1930-3780
Power factor	0,97
Efficiency (%)	81,8
Expectancy	60000 h L70B10
DALI Option	✓
Continuous function 24h	✓
IP	20
Class	II

○ Without diffuser



For other CRI values, please contact us.

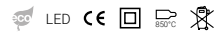
Aqa

N

New



Electrified track

IP
20CRI
>80UGR
19

15-45°

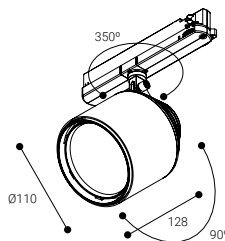
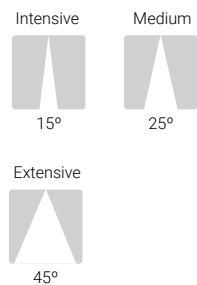
Expectancy
60000 h.
L70B10Efficiency (%)
81,8

Photobiological safety

RG0	Risk free
RG1*	1 Low risk
RG2	Moderate risk
RG3	High risk

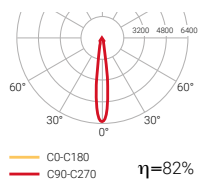
*Time under 3 h.

Go to page 286 to learn more

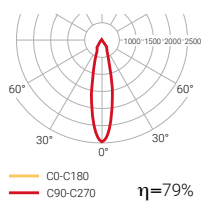


○ RAL9016
● RAL9005

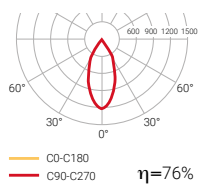
Intensive optics



Medium optics



Extensive optics



	W	K	LUMEN		OPTICS	COLOUR	
PQ23SB	1x11,8W	3000	1930 lm	15°	Intensive	○	1,1
PQ23SN	1x11,8W	3000	1930 lm	15°	Intensive	●	1,1
PQ23MB	1x11,8W	3000	1930 lm	25°	Medium	○	1,1
PQ23MN	1x11,8W	3000	1930 lm	25°	Medium	●	1,1
PQ23FB	1x11,8W	3000	1930 lm	45°	Extensive	○	1,1
PQ23FN	1x11,8W	3000	1930 lm	45°	Extensive	●	1,1
PQ24SB	1x11,8W	4000	2050 lm	15°	Intensive	○	1,1
PQ24SN	1x11,8W	4000	2050 lm	15°	Intensive	●	1,1
PQ24MB	1x11,8W	4000	2050 lm	25°	Medium	○	1,1
PQ24MN	1x11,8W	4000	2050 lm	25°	Medium	●	1,1
PQ24FB	1x11,8W	4000	2050 lm	45°	Extensive	○	1,1
PQ24FN	1x11,8W	4000	2050 lm	45°	Extensive	●	1,1
PQ33SB	1x19,1W	3000	2650 lm	15°	Intensive	○	1,1
PQ33SN	1x19,1W	3000	2650 lm	15°	Intensive	●	1,1
PQ33MB	1x19,1W	3000	2650 lm	25°	Medium	○	1,1
PQ33MN	1x19,1W	3000	2650 lm	25°	Medium	●	1,1
PQ33FB	1x19,1W	3000	2650 lm	45°	Extensive	○	1,1
PQ33FN	1x19,1W	3000	2650 lm	45°	Extensive	●	1,1
PQ34SB	1x19,1W	4000	2850 lm	15°	Intensive	○	1,1
PQ34SN	1x19,1W	4000	2850 lm	15°	Intensive	●	1,1
PQ34MB	1x19,1W	4000	2850 lm	25°	Medium	○	1,1
PQ34MN	1x19,1W	4000	2850 lm	25°	Medium	●	1,1
PQ34FB	1x19,1W	4000	2850 lm	45°	Extensive	○	1,1
PQ34FN	1x19,1W	4000	2850 lm	45°	Extensive	●	1,1

Aqa

IP
20

CRI
>80

UGR
19

15-45°

Expectancy

60000 h.
L70B10

Efficiency (%)

81,8

Photobiological safety

RG0

RG1*

RG2

RG3

Risk free

1

Low risk

Moderate risk

High risk

*Time under 3 h.

Go to page 286 to learn more

- RAL9016
- RAL9005

	W	K	LUMEN		OPTICS	COLOUR	
PQ43SB	1x25,1W	3000	3580 lm	15°	Intensive	○	1,1
PQ43SN	1x25,1W	3000	3580 lm	15°	Intensive	●	1,1
PQ43MB	1x25,1W	3000	3580 lm	25°	Medium	○	1,1
PQ43MN	1x25,1W	3000	3580 lm	25°	Medium	●	1,1
PQ43FB	1x25,1W	3000	3580 lm	45°	Extensive	○	1,1
PQ43FN	1x25,1W	3000	3580 lm	45°	Extensive	●	1,1
PQ44SB	1x25,1W	4000	3780 lm	15°	Intensive	○	1,1
PQ44SN	1x25,1W	4000	3780 lm	15°	Intensive	●	1,1
PQ44MB	1x25,1W	4000	3780 lm	25°	Medium	○	1,1
PQ44MN	1x25,1W	4000	3780 lm	25°	Medium	●	1,1
PQ44FB	1x25,1W	4000	3780 lm	45°	Extensive	○	1,1
PQ44FN	1x25,1W	4000	3780 lm	45°	Extensive	●	1,1



Aqa

Compatible with **NormaLINK**

	W	K	LUMEN		OPTICS	COLOUR	
PQ23DSB	1x11,8W	3000	1930 lm	15°	Intensive	○	1,1
PQ23DSN	1x11,8W	3000	1930 lm	15°	Intensive	●	1,1
PQ23DMB	1x11,8W	3000	1930 lm	25°	Medium	○	1,1
PQ23DMN	1x11,8W	3000	1930 lm	25°	Medium	●	1,1
PQ23DFB	1x11,8W	3000	1930 lm	45°	Extensive	○	1,1
PQ23DFN	1x11,8W	3000	1930 lm	45°	Extensive	●	1,1
PQ24DSB	1x11,8W	4000	2050 lm	15°	Intensive	○	1,1
PQ24DSN	1x11,8W	4000	2050 lm	15°	Intensive	●	1,1
PQ24DMB	1x11,8W	4000	2050 lm	25°	Medium	○	1,1
PQ24DMN	1x11,8W	4000	2050 lm	25°	Medium	●	1,1
PQ24DFB	1x11,8W	4000	2050 lm	45°	Extensive	○	1,1
PQ24DFN	1x11,8W	4000	2050 lm	45°	Extensive	●	1,1
PQ33DSB	1x17,4W	3000	2650 lm	15°	Intensive	○	1,1
PQ33DSN	1x17,4W	3000	2650 lm	15°	Intensive	●	1,1
PQ33DMB	1x17,4W	3000	2650 lm	25°	Medium	○	1,1
PQ33DMN	1x17,4W	3000	2650 lm	25°	Medium	●	1,1
PQ33DFB	1x17,4W	3000	2650 lm	45°	Extensive	○	1,1
PQ33DFN	1x17,4W	3000	2650 lm	45°	Extensive	●	1,1
PQ34DSB	1x17,4W	4000	2850 lm	15°	Intensive	○	1,1
PQ34DSN	1x17,4W	4000	2850 lm	15°	Intensive	●	1,1
PQ34DMB	1x17,4W	4000	2850 lm	25°	Medium	○	1,1
PQ34DMN	1x17,4W	4000	2850 lm	25°	Medium	●	1,1
PQ34DFB	1x17,4W	4000	2850 lm	45°	Extensive	○	1,1
PQ34DFN	1x17,4W	4000	2850 lm	45°	Extensive	●	1,1
PQ43DSB	1x25,1W	3000	3580 lm	15°	Intensive	○	1,1
PQ43DSN	1x25,1W	3000	3580 lm	15°	Intensive	●	1,1
PQ43DMB	1x25,1W	3000	3580 lm	25°	Medium	○	1,1
PQ43DMN	1x25,1W	3000	3580 lm	25°	Medium	●	1,1
PQ43DFB	1x25,1W	3000	3580 lm	45°	Extensive	○	1,1
PQ43DFN	1x25,1W	3000	3580 lm	45°	Extensive	●	1,1
PQ44DSB	1x25,1W	4000	3780 lm	15°	Intensive	○	1,1
PQ44DSN	1x25,1W	4000	3780 lm	15°	Intensive	●	1,1
PQ44DMB	1x25,1W	4000	3780 lm	25°	Medium	○	1,1
PQ44DMN	1x25,1W	4000	3780 lm	25°	Medium	●	1,1
PQ44DFB	1x25,1W	4000	3780 lm	45°	Extensive	○	1,1
PQ44DFN	1x25,1W	4000	3780 lm	45°	Extensive	●	1,1





Dot

DOT is a square shaped projector for commercial buildings and exhibitions.

Four optics available to cover every possible lighting need: Intensive (14°), medium (27°), extensive (45°) and oval (62° x 16°).

Dot is a range of downlights for electrified track.



Dot

Installation	Electrified track
Diffuser	PMMA lens
Light source	LED
Photobiological safety	1
UGR	19
CRI	>90
MacAdam ellipse	3
Beam angle range	14-62
Power range (W)	24,6
Colour temperature (°K)	3000 4000
Light range	2700
Power factor	0,9
Efficiency (%)	91,3
Expectancy	50000 h L70B10
DALI Option	✓
Continuous function 24h	✓
IP	20
Class	II

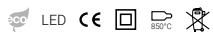
PMMA lens

! For other CRI values, please contact us.
Fitting integrated in the electrified rail adapter

Dot



Electrified track



IP 20	CRI >90	UGR 19	14-62°
----------	------------	-----------	--------

Expectancy
50000 h.
L70B10

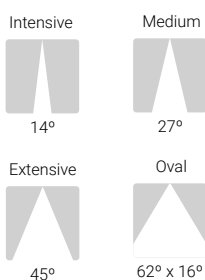
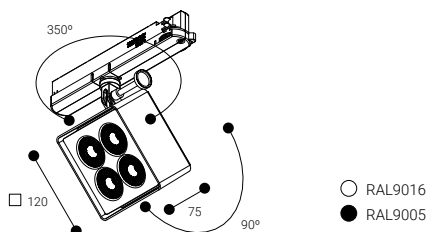
Efficiency (%)
91,3

Photobiological safety

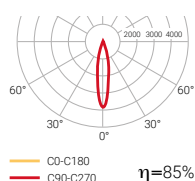
RG0	Risk free
RG1*	1 Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

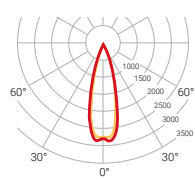
Go to page 286 to learn more



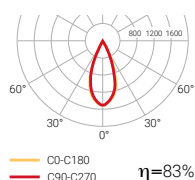
Intensive optics



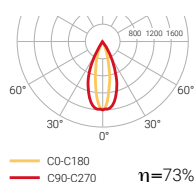
Medium optics



Extensive optics



Oval optics



	W	K	LUMEN		OPTICS	COLOUR	
PD33SB	1x24,6W	3000	2700 lm	14°	Intensive	○	1,0
PD33SN	1x24,6W	3000	2700 lm	14°	Intensive	●	1,0
PD33MB	1x24,6W	3000	2700 lm	27°	Medium	○	1,0
PD33MN	1x24,6W	3000	2700 lm	27°	Medium	●	1,0
PD33FB	1x24,6W	3000	2700 lm	45°	Extensive	○	1,0
PD33FN	1x24,6W	3000	2700 lm	45°	Extensive	●	1,0
PD33OB	1x24,6W	3000	2700 lm	62°x16°	Oval	○	1,0
PD33ON	1x24,6W	3000	2700 lm	62°x16°	Oval	●	1,0
PD34SB	1x24,6W	4000	2700 lm	14°	Intensive	○	1,0
PD34SN	1x24,6W	4000	2700 lm	14°	Intensive	●	1,0
PD34MB	1x24,6W	4000	2700 lm	27°	Medium	○	1,0
PD34MN	1x24,6W	4000	2700 lm	27°	Medium	●	1,0
PD34FB	1x24,6W	4000	2700 lm	45°	Extensive	○	1,0
PD34FN	1x24,6W	4000	2700 lm	45°	Extensive	●	1,0
PD34OB	1x24,6W	4000	2700 lm	62°x16°	Oval	○	1,0
PD34ON	1x24,6W	4000	2700 lm	62°x16°	Oval	●	1,0

Compatible with **NormaLINK**

	W	K	LUMEN		OPTICS	COLOUR	
PD33DSB	1x24,6W	3000	2700 lm	14°	Intensive	○	1,0
PD33DSN	1x24,6W	3000	2700 lm	14°	Intensive	●	1,0
PD33DMB	1x24,6W	3000	2700 lm	27°	Medium	○	1,0
PD33DMN	1x24,6W	3000	2700 lm	27°	Medium	●	1,0
PD33DFB	1x24,6W	3000	2700 lm	45°	Extensive	○	1,0
PD33DFN	1x24,6W	3000	2700 lm	45°	Extensive	●	1,0
PD33DOB	1x24,6W	3000	2700 lm	62°x16°	Oval	○	1,0
PD33DON	1x24,6W	3000	2700 lm	62°x16°	Oval	●	1,0
PD34DSB	1x24,6W	4000	2700 lm	14°	Intensive	○	1,0
PD34DSN	1x24,6W	4000	2700 lm	14°	Intensive	●	1,0
PD34DMB	1x24,6W	4000	2700 lm	27°	Medium	○	1,0
PD34DMN	1x24,6W	4000	2700 lm	27°	Medium	●	1,0
PD34DFB	1x24,6W	4000	2700 lm	45°	Extensive	○	1,0
PD34DFN	1x24,6W	4000	2700 lm	45°	Extensive	●	1,0
PD34DOB	1x24,6W	4000	2700 lm	62°x16°	Oval	○	1,0
PD34DON	1x24,6W	4000	2700 lm	62°x16°	Oval	●	1,0

Area

AREA is a versatile projector that is ideal for spot lighting in commercial areas and exhibitions.

AREA has four optics which enable any project to be handled: intensive, medium, extensive and wallwasher.

This is a range of projectors to be installed in electrified track or ceiling surface mounted using an accessory.





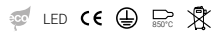
Area

Installation	Electrified track
Diffuser	⊞
Light source	LED
Photobiological safety	1
UGR	19
CRI	>80
MacAdam ellipse	3
Beam angle range	19-46
Power range (W)	25,5-51
Colour temperature (°K)	3000 4000
Light range	2580-5530
Power factor	0,9
Efficiency (%)	91,3
Expectancy	50000 h L70B10
DALI Option	✓
Continuous function 24h	✓
IP	20
Class	I

⊞ PMMA lens

 For other CRI values, please contact us.

Area



IP
20

CRI
>80

UGR
19

19-46°

Expectancy
50000 h.
L70B10

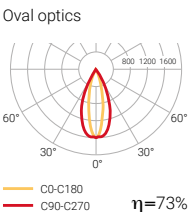
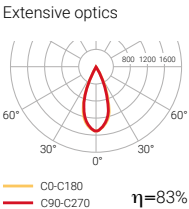
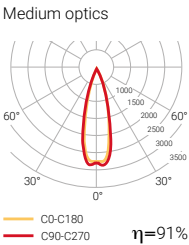
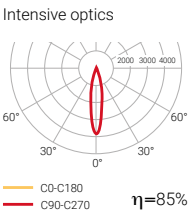
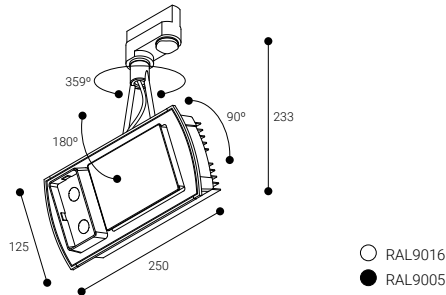
Efficiency (%)
91,3

Photobiological safety

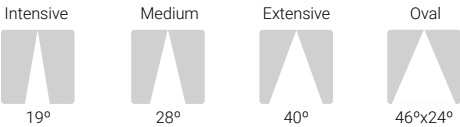
RG0	Risk free
RG1*	1 Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

Go to page 286 to learn more



	W	K	LUMEN		OPTICS	COLOUR	
PAC33SB	1x25,5W	3000	2580 lm	19°	Intensive	○	2,0
PAC33SN	1x25,5W	3000	2580 lm	19°	Intensive	●	2,0
PAC33MB	1x25,5W	3000	2580 lm	28°	Medium	○	2,0
PAC33MN	1x25,5W	3000	2580 lm	28°	Medium	●	2,0
PAC33FB	1x25,5W	3000	2580 lm	40°	Extensive	○	2,0
PAC33FN	1x25,5W	3000	2580 lm	40°	Extensive	●	2,0
PAC33OB	1x25,5W	3000	2580 lm	46°x24°	Oval	○	2,0
PAC33ON	1x25,5W	3000	2580 lm	46°x24°	Oval	●	2,0
PAC34SB	1x25,5W	4000	2765 lm	19°	Intensive	○	2,0
PAC34SN	1x25,5W	4000	2765 lm	19°	Intensive	●	2,0
PAC34MB	1x25,5W	4000	2765 lm	28°	Medium	○	2,0
PAC34MN	1x25,5W	4000	2765 lm	28°	Medium	●	2,0
PAC34FB	1x25,5W	4000	2765 lm	40°	Extensive	○	2,0
PAC34FN	1x25,5W	4000	2765 lm	40°	Extensive	●	2,0
PAC34OB	1x25,5W	4000	2765 lm	46°x24°	Oval	○	2,0
PAC34ON	1x25,5W	4000	2765 lm	46°x24°	Oval	●	2,0



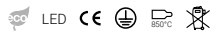
Area

Compatible with **NormaLINK**

	W	K	LUMEN		OPTICS	COLOUR	
PAC33DSB	1x25,5W	3000	2580 lm	19°	Intensive	○	2,0
PAC33DSN	1x25,5W	3000	2580 lm	19°	Intensive	●	2,0
PAC33DMB	1x25,5W	3000	2580 lm	28°	Medium	○	2,0
PAC33DMN	1x25,5W	3000	2580 lm	28°	Medium	●	2,0
PAC33DFB	1x25,5W	3000	2580 lm	40°	Extensive	○	2,0
PAC33DFN	1x25,5W	3000	2580 lm	40°	Extensive	●	2,0
PAC33DOB	1x25,5W	3000	2580 lm	46°x24°	Oval	○	2,0
PAC33DON	1x25,5W	3000	2580 lm	46°x24°	Oval	●	2,0
PAC34DSB	1x25,5W	4000	2765 lm	19°	Intensive	○	2,0
PAC34DSN	1x25,5W	4000	2765 lm	19°	Intensive	●	2,0
PAC34DMB	1x25,5W	4000	2765 lm	28°	Medium	○	2,0
PAC34DMN	1x25,5W	4000	2765 lm	28°	Medium	●	2,0
PAC34DFB	1x25,5W	4000	2765 lm	40°	Extensive	○	2,0
PAC34DFN	1x25,5W	4000	2765 lm	40°	Extensive	●	2,0
PAC34DOB	1x25,5W	4000	2765 lm	46°x24°	Oval	○	2,0
PAC34DON	1x25,5W	4000	2765 lm	46°x24°	Oval	●	2,0



Area



IP
20

CRI
>80

UGR
19

19-46°

Expectancy
50000 h.
L70B10

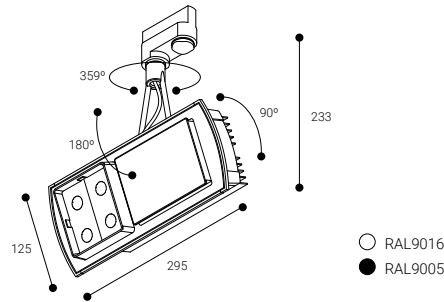
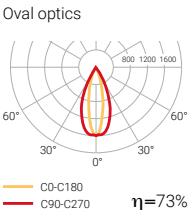
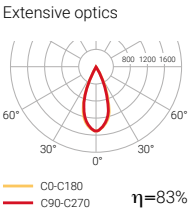
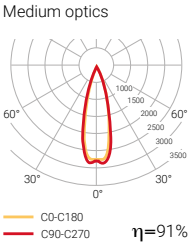
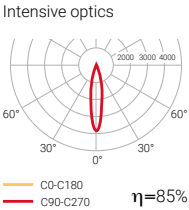
Efficiency (%)
91,3

Photobiological safety

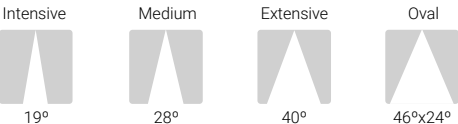
RG0	Risk free
RG1*	1 Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

Go to page 286 to learn more



	W	K	LUMEN		OPTICS	COLOUR	
PAC53SB	1x51W	3000	5160 lm	19°	Intensive	○	3,0
PAC53SN	1x51W	3000	5160 lm	19°	Intensive	●	3,0
PAC53MB	1x51W	3000	5160 lm	28°	Medium	○	3,0
PAC53MN	1x51W	3000	5160 lm	28°	Medium	●	3,0
PAC53FB	1x51W	3000	5160 lm	40°	Extensive	○	3,0
PAC53FN	1x51W	3000	5160 lm	40°	Extensive	●	3,0
PAC53OB	1x51W	3000	5160 lm	46°x24°	Oval	○	3,0
PAC53ON	1x51W	3000	5160 lm	46°x24°	Oval	●	3,0
PAC54SB	1x51W	4000	5530 lm	19°	Intensive	○	3,0
PAC54SN	1x51W	4000	5530 lm	19°	Intensive	●	3,0
PAC54MB	1x51W	4000	5530 lm	28°	Medium	○	3,0
PAC54MN	1x51W	4000	5530 lm	28°	Medium	●	3,0
PAC54FB	1x51W	4000	5530 lm	40°	Extensive	○	3,0
PAC54FN	1x51W	4000	5530 lm	40°	Extensive	●	3,0
PAC54OB	1x51W	4000	5530 lm	46°x24°	Oval	○	3,0
PAC54ON	1x51W	4000	5530 lm	46°x24°	Oval	●	3,0



Area



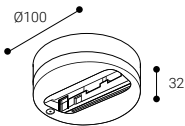
Compatible with **NormaLINK**

	W	K	LUMEN		OPTICS	COLOUR 	
PAC53DSB	1x51W	3000	5160 lm	19°	Intensive	○	3,0
PAC53DSN	1x51W	3000	5160 lm	19°	Intensive	●	3,0
PAC53DMB	1x51W	3000	5160 lm	28°	Medium	○	3,0
PAC53DMN	1x51W	3000	5160 lm	28°	Medium	●	3,0
PAC53DFB	1x51W	3000	5160 lm	40°	Extensive	○	3,0
PAC53DFN	1x51W	3000	5160 lm	40°	Extensive	●	3,0
PAC53DOB	1x51W	3000	5160 lm	46°x24°	Oval	○	3,0
PAC53DON	1x51W	3000	5160 lm	46°x24°	Oval	●	3,0
PAC54DSB	1x51W	4000	5530 lm	19°	Intensive	○	3,0
PAC54DSN	1x51W	4000	5530 lm	19°	Intensive	●	3,0
PAC54DMB	1x51W	4000	5530 lm	28°	Medium	○	3,0
PAC54DMN	1x51W	4000	5530 lm	28°	Medium	●	3,0
PAC54DFB	1x51W	4000	5530 lm	40°	Extensive	○	3,0
PAC54DFN	1x51W	4000	5530 lm	40°	Extensive	●	3,0
PAC54DOB	1x51W	4000	5530 lm	46°x24°	Oval	○	3,0
PAC54DON	1x51W	4000	5530 lm	46°x24°	Oval	●	3,0

ACCESSORIES

Ceiling mounted accessory

RAAB
RAAN

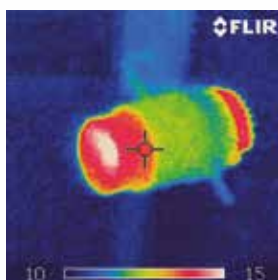


NOT COMPATIBLE WITH DALI FITTINGS





Prolit



Please, ask for the technical datasheets of all the luminaires.

The PROLIT projectors stand out thanks to their versatility and the fact that they can be installed in an electric track or mounted on the wall or in the ceiling. The head and the body are made of aluminium injection with a minimalist design. The entire set is lacquered with an epoxy-polyester paint with two different finishes: white or black.

Prolit

Installation	Ceiling surface mounted Electrified track
Diffuser	○
Light source	LED
Photobiological safety	0
UGR	19
CRI	>80
MacAdam ellipse	3
Beam angle range	32
Power range (W)	11,8-19,4
Colour temperature (°K)	3000 4000
Light range	1930-2850
Power factor	0,95
Efficiency (%)	92,2
Expectancy	60000 h L70B10
DALI Option	✓
Continuous function 24h	✓
IP	20
Class	I - II

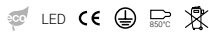
○ Without diffuser



For other CRI values, please contact us.

Fitting integrated in the electrified rail adapter

Prolit



IP
20

CRI
>80

UGR
19

32°

Expectancy
60000 h.
L70B10

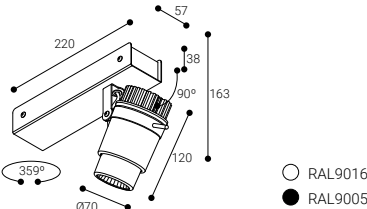
Efficiency (%)
92,2

Photobiological safety

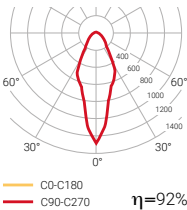
RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

Go to page 286 to learn more



Intensive optics



	W	K	LUMEN		COLOUR	
PRA23SB	1x11,8W	3000	1930 lm	32°	○	1,1
PRA23SN	1x11,8W	3000	1930 lm	32°	●	1,1
PRA24SB	1x11,8W	4000	2050 lm	32°	○	1,1
PRA24SN	1x11,8W	4000	2050 lm	32°	●	1,1
PRA33SB	1x17,4W	3000	2650 lm	32°	○	1,1
PRA33SN	1x17,4W	3000	2650 lm	32°	●	1,1
PRA34SB	1x17,4W	4000	2850 lm	32°	○	1,1
PRA34SN	1x17,4W	4000	2850 lm	32°	●	1,1

Prolit



Expectancy
60000 h.
L70B10

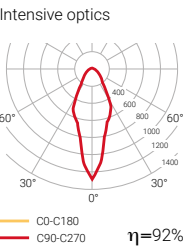
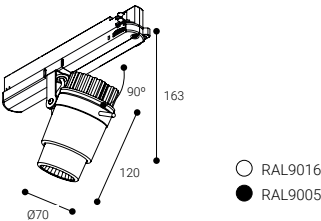
Efficiency (%)
92,2

Photobiological safety

RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

Go to page 286 to learn more



	W	K	LUMEN		COLOUR	
PRS23SB	1x11,8W	3000	1930 lm	32°	○	1,1
PRS23SN	1x11,8W	3000	1930 lm	32°	●	1,1
PRS24SB	1x11,8W	4000	2050 lm	32°	○	1,1
PRS24SN	1x11,8W	4000	2050 lm	32°	●	1,1
PRS33SB	1x19,4W	3000	2650 lm	32°	○	1,1
PRS33SN	1x19,4W	3000	2650 lm	32°	●	1,1
PRS34SB	1x17,4W	4000	2850 lm	32°	○	1,1
PRS34SN	1x17,4W	4000	2850 lm	32°	●	1,1



Compatible with **NormaLINK**

	W	K	LUMEN		COLOUR	
PRS23DSB	1x11,8W	3000	1930 lm	32°	○	1,1
PRS23DSN	1x11,8W	3000	1930 lm	32°	●	1,1
PRS24DSB	1x11,8W	4000	2050 lm	32°	○	1,1
PRS24DSN	1x11,8W	4000	2050 lm	32°	●	1,1
PRS33DSB	1x19,4W	3000	2650 lm	32°	○	1,1
PRS33DSN	1x19,4W	3000	2650 lm	32°	●	1,1
PRS34DSB	1x17,4W	4000	2850 lm	32°	○	1,1
PRS34DSN	1x17,4W	4000	2850 lm	32°	●	1,1



Nora

Nora is the new IP66 projector for outdoors installations. It is available in black and with glass diffuser. Two different powers: 2300 or 5250 lumens.

Nora

Installation	Ceiling surface mounted Wall surface mounted
Diffuser	
Light source	LED
Photobiological safety	0
UGR	22
CRI	>80
MacAdam ellipse	3
Beam angle range	95
Power range (W)	18,2-35,9
Colour temperature (°K)	4000
Light range	2300-5250
Power factor	0,95
Efficiency (%)	86,8
Expectancy	50000 h L70B10
DALI Option	✓
Continuous function 24h	✓
IP	66
Class	I

 Opal diffuser



For other CRI values, please contact us.

Nora



Ceiling
surface
mounted



Wall surface
mounted

LED CE ENEC

IP
66

CRI
>80

UGR
22

95°

Expectancy
50000 h.
L70B10

Efficiency (%)
86,8

Photobiological safety

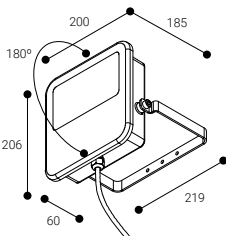
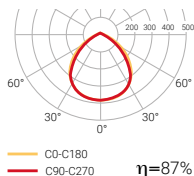
RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

Go to page 286 to learn more



Opal diffuser



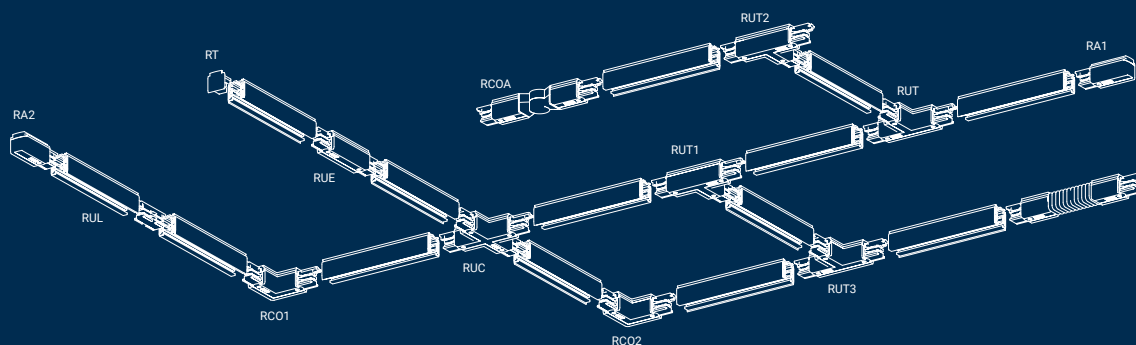
● RAL9005

	W	K	LUMEN		COLOUR	
N0340N	1x18,2W	4000	2300 lm	95°	●	1,7
N0540N	1x35,9W	4000	5250 lm	95°	●	1,7



Compatible with **NormaLINK**

	W	K	LUMEN		COLOUR	
N034DON	1x18,2W	4000	2300 lm	95°	●	1,7
N054DON	1x35,9W	4000	5250 lm	95°	●	1,7



Rail

Normalit RAIL product range is a complete system for track lighting; quick and easy to install. Accessories for joinings and suspension complete this system. Its versatility makes it an ideal solution for museums, offices, shops, showcases.

Also it gives flexibility to accommodate to new lighting requirements, any change on luminaires position can be done very easily.



Rail



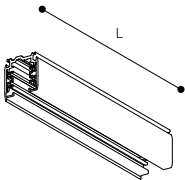
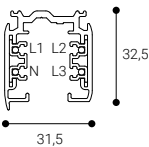
Ceiling surface mounted



Ceiling suspended mounted

RAILS

R2-3

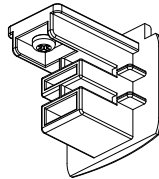


	L (mm)	COLOUR
R2B	2000	○
R2N	2000	●
R3B	3000	○
R3N	3000	●

	L (mm)	COLOUR
R2DB	2000	○
R2DN	2000	●
R3DB	3000	○
R3DN	3000	●

RT

End cap

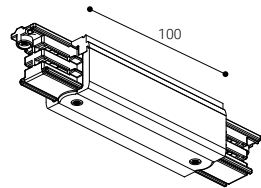


	COLOUR
RTB	○
RTN	●

FEEDERS

RUE

Middle-Power

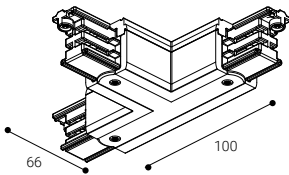


	COLOUR
RUEB	○
RUEN	●

	COLOUR
RUEDB	○
RUEDN	●

RUT

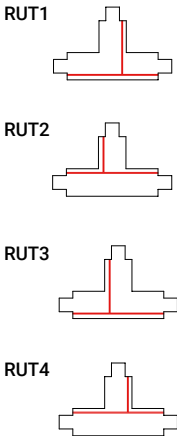
T-Power



	COLOUR
RUT1B	○
RUT1N	●
RUT2B	○
RUT2N	●
RUT3B	○
RUT3N	●
RUT4B	○
RUT4N	●

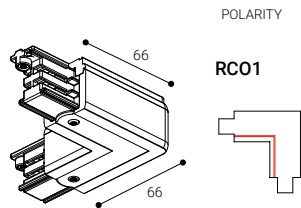
	COLOUR
RUT1DB	○
RUT1DN	●
RUT2DB	○
RUT2DN	●
RUT3DB	○
RUT3DN	●
RUT4DB	○
RUT4DN	●

POLARITY



RCO

L-Power

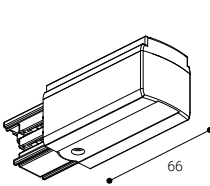


	COLOUR
RCO1B	○
RCO1N	●
RCO2B	○
RCO2N	●

	COLOUR
RCO1DB	○
RCO1DN	●
RCO2DB	○
RCO2DN	●

RA

Initial-Power



	COLOUR
RA1B	○
RA1N	●
RA2B	○
RA2N	●

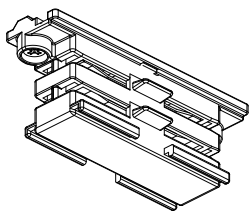
	COLOUR
RA1	
RA2	
	COLOUR
RA1DB	○
RA1DN	●
RA2DB	○
RA2DN	●

Rail

CONECTORS

RUL

Straight connector

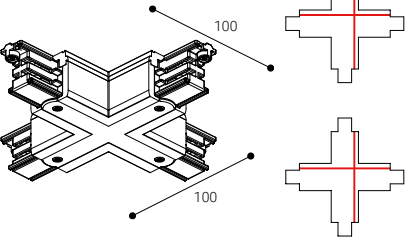


	COLOUR
RULB	○
RULN	●

RULDB	○
RULDN	●

RUC

X-Power

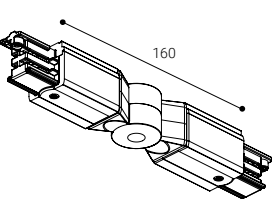


	COLOUR
RUCB	○
RUCN	●

RUCDB	○
RUCDN	●

RCOA

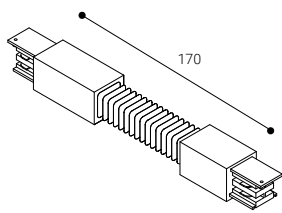
Articulated connector



	COLOUR
RCOAB	○
RCOAN	●

RUF

Flexible connector



	COLOUR
RUFB	○
RUFN	●

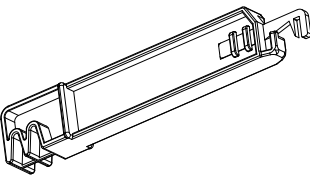
RUFDB	○
RUFDN	●

Rail

TOOLS

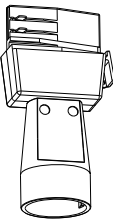
RH

Bending tool



RE

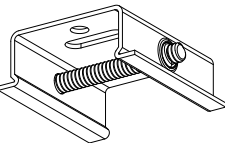
Power supply connection



- 16 A, 250 V/400 V, Safety class 1
- Max. pull strength 100 N
- Max. torque 2.5 Nm
- Connecting conductors max. 5 x 2.5 mm²

RSB

Ceiling mounting accessory



RH

REB

REN

COLOUR



RSBB

RSBN

COLOUR



The bending tool is needed to connect properly the feeders and the connectors.





Ambient

Mural	260
Cyre P	263
Til	264
Uro	265
Passo	266

Mural

Wall mounted luminaire with direct illumination (Mural) or direct/indirect (Mural Mixto) available in three different finishes: white, grey or black.





	Mural	Mural Mixto
Installation	Wall surface mounted	Wall surface mounted
Diffuser		
Light source	LED	LED
Photobiological safety	0	0
UGR	22	22
CRI	>80	>80
MacAdam ellipse	3	3
Beam angle range	–	–
Power range (W)	6,7-9,5	13,4-19
Colour temperature (°K)	3000 4000	3000 4000
Light range	760-1290	1520-2580
Power factor	0,95	0,95
Efficiency (%)	65,9	67
Expectancy	72000 h L70B10	72000 h L70B10
DALI Option	–	–
Continuous function 24h	✓	✓
IP	30	30
Class	I	I

 Opal diffuser



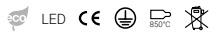
For other CRI values, please contact us.



Mural



Wall surface
mounted



IP
30

CRI
>80

UGR
22

Expectancy
72000 h.
L70B10

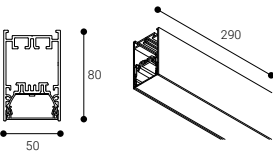
Efficiency (%)
65,9

Photobiological safety

RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

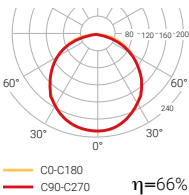
*Time under 3 h.

Go to page 286 to learn more



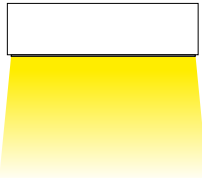
- RAL9016
- RAL7001
- RAL9005

Opal diffuser



	W	K	LUMEN	COLOUR	
MD1L3B	1x6,7W	3000	760 lm	○	0,8
MD1L3G	1x6,7W	3000	760 lm	●	0,8
MD1L3N	1x6,7W	3000	760 lm	●	0,8
MD1L4B	1x6,7W	4000	840 lm	○	0,8
MD1L4G	1x6,7W	4000	840 lm	●	0,8
MD1L4N	1x6,7W	4000	840 lm	●	0,8
MD1H3B	1x9,5W	3000	1160 lm	○	0,8
MD1H3G	1x9,5W	3000	1160 lm	●	0,8
MD1H3N	1x9,5W	3000	1160 lm	●	0,8
MD1H4B	1x9,5W	4000	1290 lm	○	0,8
MD1H4G	1x9,5W	4000	1290 lm	●	0,8
MD1H4N	1x9,5W	4000	1290 lm	●	0,8

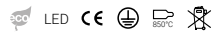
Direct illumination



Mural Mixto



Wall surface
mounted



IP
30

CRI
>80

UGR
22

Expectancy
72000 h.
L70B10

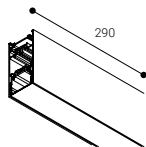
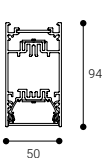
Efficiency (%)
67

Photobiological safety

RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

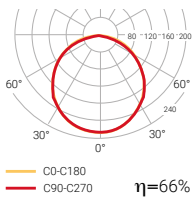
*Time under 3 h.

Go to page 286 to learn more

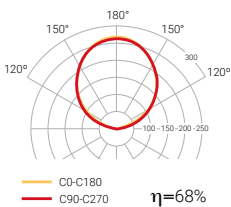


- RAL9016
- RAL7001
- RAL9005

Opal diffuser

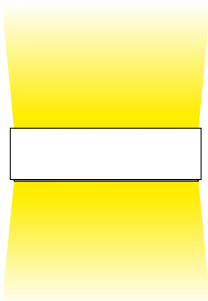


Indirect opal diffuser



	W	K	LUMEN	COLOUR	
MM1L3B	1x13,4W	3000	1520 lm	○	1,1
MM1L3G	1x13,4W	3000	1520 lm	●	1,1
MM1L3N	1x13,4W	3000	1520 lm	●	1,1
MM1L4B	1x13,4W	4000	1680 lm	○	1,1
MM1L4G	1x13,4W	4000	1680 lm	●	1,1
MM1L4N	1x13,4W	4000	1680 lm	●	1,1
MM1H3B	1x19W	3000	2320 lm	○	1,1
MM1H3G	1x19W	3000	2320 lm	●	1,1
MM1H3N	1x19W	3000	2320 lm	●	1,1
MM1H4B	1x19W	4000	2580 lm	○	1,1
MM1H4G	1x19W	4000	2580 lm	●	1,1
MM1H4N	1x19W	4000	2580 lm	●	1,1

Direct / Indirect
illumination



Cyre P

Cyre P is the wall mounted version of the CYRE luminaire. Based on an cylindric extruded aluminium profile and a faceted reflector made in high reflection polycarbonate.

Cyre P

Installation	Wall surface mounted
Diffuser	○
Light source	LED
Photobiological safety	1
UGR	19
CRI	>80
MacAdam ellipse	3
Beam angle range	94
Power range (W)	6,4
Colour temperature (°K)	3000 4000
Light range	760-885
Power factor	0,92
Efficiency (%)	92,9
Expectancy	60000 h L70B10
DALI Option	✓
Continuous function 24h	✓
IP	20
Class	I

○ Without diffuser



For other CRI values, please contact us.



Cyre P



Wall surface
mounted



CRI
>80

UGR
19

Expectancy
60000 h.
L70B10

Efficiency (%)

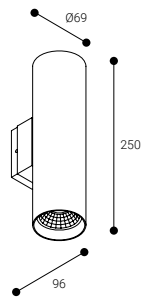
92,9

Photobiological safety

RG0	Risk free
RG1*	1 Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

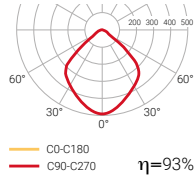
Go to page 286 to learn more



○ RAL9016

● RAL9005

Without diffuser



	W	K	LUMEN	COLOUR	
AC03B	1x6,4W	3000	760 lm		0,6
AC03N	1x6,4W	3000	760 lm		0,6
AC04B	1x6,4W	4000	885 lm		0,6
AC04N	1x6,4W	4000	885 lm		0,6



Compatible with **NormaLINK** 

	W	K	LUMEN	COLOUR	
AC03DB	1x6,4W	3000	760 lm		0,6
AC03DN	1x6,4W	3000	760 lm		0,6
AC04DB	1x6,4W	4000	885 lm		0,6
AC04DN	1x6,4W	4000	885 lm		0,6



Til

Til is a wall lamp with a minimalist design. One by one or in combination it enables empty spaces to be decorated and flooded with light.

Til

Installation	Wall surface mounted
Diffuser	
Light source	LED
Photobiological safety	0
UGR	22
CRI	>80
MacAdam ellipse	3
Beam angle range	–
Power range (W)	6
Colour temperature (°K)	3000 4000
Light range	535-615
Power factor	0,5
Efficiency (%)	17,6
Expectancy	36000 h L70B10
DALI Option	–
Continuous function 24h	✓
IP	20
Class	I

 For other CRI values, please contact us.

 Wall surface mounted
Direct/Indirect



IP
20

CRI
>80

UGR
22

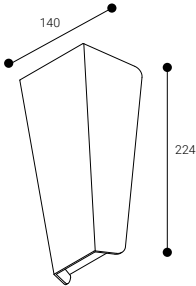
Expectancy
36000 h.
L70B10

Efficiency (%)
17,6

Photobiological safety	
RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

Go to page 286 to learn more

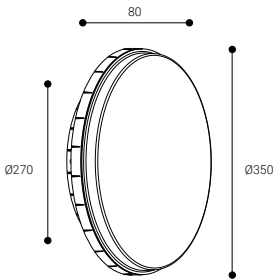


- RAL9016
- RAL7001
- RAL9005

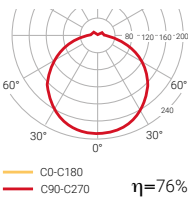
	W	K	LUMEN	COLOUR	
AT3B	1x6W	3000	535 lm	○	0,6
AT3G	1x6W	3000	535 lm	●	0,6
AT3N	1x6W	3000	535 lm	●	0,6
AT4B	1x6W	4000	615 lm	○	0,6
AT4G	1x6W	4000	615 lm	●	0,6
AT4N	1x6W	4000	615 lm	●	0,6

Up to 5 years warranty (prior studying each project)

Uro



Opal diffuser

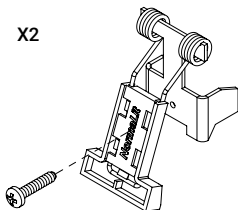


ACCESSORY

AUKM

Semi recessed
URO installation kit

X2



Uro

Installation	Ceiling/wall surface mounted
Diffuser	Opal
Light source	LED
Photobiological safety	0
UGR	22
CRI	>80
MacAdam ellipse	3
Beam angle range	112
Power range (W)	12,6
Colour temperature (°K)	3000 4000
Light range	1620-1770
Power factor	0,9
Efficiency (%)	76,5
Expectancy	50000 h L70B10
DALI Option	✓
Continuous function 24h	✓
IP	65
IK	10
Class	II



Wall
surface
mounted



Ceiling
surface
mounted



Expectancy
50000 h.
L70B10

Efficiency (%)
76,5

Photobiological safety

RG0	0 Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

*Time under 3 h.

Go to page 286 to learn more

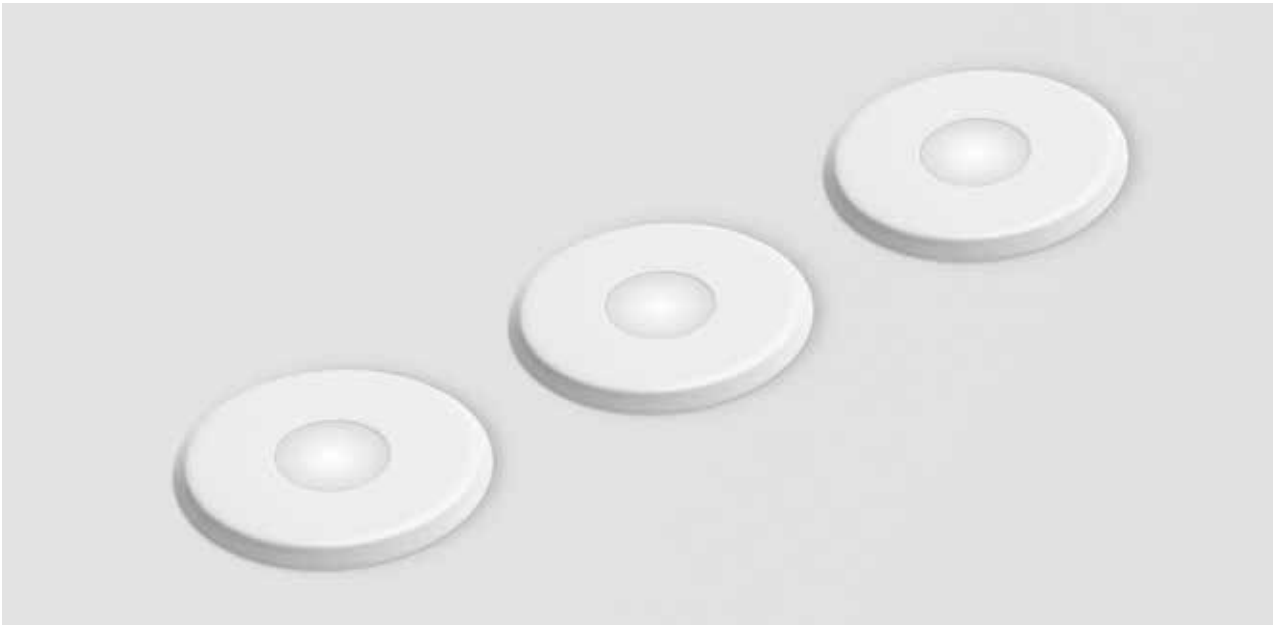
- RAL9016
- RAL7001
- RAL9005

	W	K	LUMEN	COLOUR	⚙️
AU23B	1x12,6W	3000	1620 lm	○	1,4
AU23G	1x12,6W	3000	1620 lm	●	1,4
AU23N	1x12,6W	3000	1620 lm	●	1,4
AU24B	1x12,6W	4000	1770 lm	○	1,4
AU24G	1x12,6W	4000	1770 lm	●	1,4
AU24N	1x12,6W	4000	1770 lm	●	1,4



Compatible with **Normalink**

	W	K	LUMEN	COLOUR	⚙️
AU23DB	1x12,6W	3000	1620 lm	○	1,4
AU23DG	1x12,6W	3000	1620 lm	●	1,4
AU23DN	1x12,6W	3000	1620 lm	●	1,4
AU24DB	1x12,6W	4000	1770 lm	○	1,4
AU24DG	1x12,6W	4000	1770 lm	●	1,7
AU24DN	1x12,6W	4000	1770 lm	●	1,4



Passo

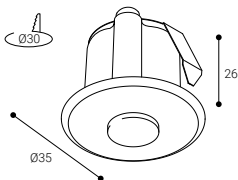
Passo is a small-sized signalling step light. Available in three different finishes, it can be combined with four colours of LED ensuring its integration into any installation thanks to its 12 different possible combinations. These step lights are powered at 12 Vcc, which is why they need an additional power source to ensure they function correctly.



Recessed
to the floor



Step
recessed



○ RAL9016

	LED COLOUR	W	COLOUR	
BP12	○	1x0,25W	○	0,1
BP12A	●	1x0,25W	○	0,1
BP12R	●	1x0,25W	○	0,1
BP12V	●	1x0,25W	○	0,1

Up to 5 years warranty (prior studying each project)





NormaLINK 

App control
by Normagrup

What is Normalink?

Normalink is an advanced system to control general lighting and monitor emergency lighting (emergency luminaires and exit signs).

Normalink provides control via the following applications:

Normalink App
for IOS or Android.
Also available for
computers
compatible
with Windows.



iOS



Windows

Control via
Normalink BMS drawings
for computers compatible
with Windows.

Via the **BMS** (Building
Management System)
software compatible
with the Modbus/IP
protocol.





NORMALINK COMPATIBILITY

Compatible with DALI general lighting and emergency lighting.

Compatible with Normalux⁽³⁾ INTELLIGENT WIRELESS emergency lighting and exit signs.

Compatible with SALUZ Tunable White⁽¹⁾ luminaires and other DALI DT8⁽²⁾ equipment.

Compatible with Modbus/IP⁽⁴⁾.

⁽¹⁾ SALUZ Tunable White is a technology developed by Normalit that offers luminaires providing healthy lighting that are connected to the DALI line and can be controlled via Normalink.

⁽²⁾ DALI DT8 or DALI Device Type 8 is the DALI luminaire that enables the tunable white to be controlled via a single DALI address.

⁽³⁾ INTELLIGENT WIRELESS is the technology developed by Normalux in accordance with the IEC 62386-104 Standard that enables wireless communication between emergency luminaires or exit signs that is compatible with this technology.

⁽⁴⁾ Modbus/IP is a standard protocol that enables Normalink to be integrated in a supervision system (SCADA or BMS).



Main functions of Normalink

With Normalink, you can explore all of the lighting possibilities for a room, establishment or building, making it more human, efficient, practical and safe.

● Create Environments



Control Tunable White.



Group configuration.

Control each light point individually, by DALI groups or even by virtual groups of luminaires from different DALI lines.

Group luminaires together and define scenarios (light levels) in accordance with the needs of each room.

Create time settings for the fittings to turn on, turn off or create scenarios.

Set the light level and even the colour temperature of the luminaires with tunable white control.

NEW FEATURE!

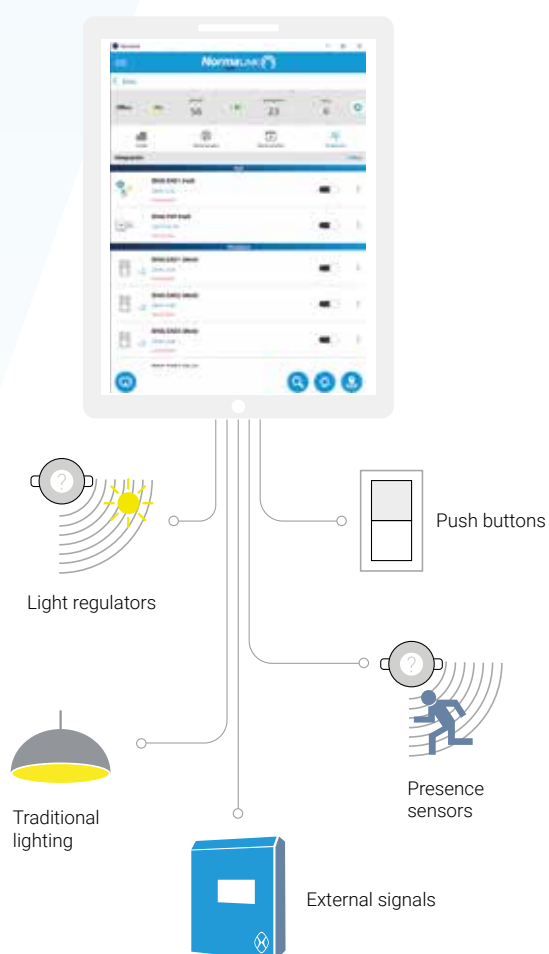
Simulation of circadian cycles that enables healthy and comfortable environments to be created.

NEW FEATURE!

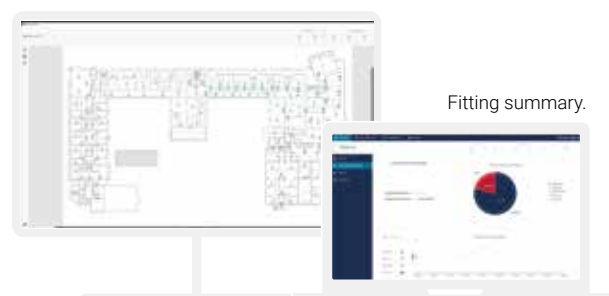
Integrate external elements

Integrate push buttons, switches, presence sensors, light regulators, entrance/exit signs or even control traditional lighting on/off has never been so easy with the different Normalink devices.

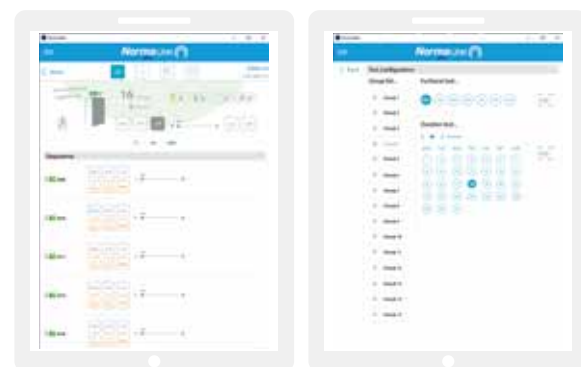
Normalink integration.



Normalink BMS control software.



Fitting summary.



Control of emergency lighting.

Test configuration.

Integrate external elements

Monitor the status of the emergency lighting fitting and exit signs in real time.

Detection and notification of any anomaly. It also reports faults in the general lighting.

Automatic log.

Normalink is compatible with C24i central battery systems.

Compatible with autonomous SATI Addressable emergency lighting (IDALING gateway required).

Normalink BMS for exhaustive monitoring.

NEW FEATURE!

The Normalink ecosystem

A system that you can trust

Simple DALI wiring, without polarity and isolated (robust communication without any surprises).

Scalable system, ideal for small, medium or large installations.

Quick and simple commissioning.

Universal external elements (light regulators, presence detectors, push buttons, external signals, etc.) are directly connected to the DALI line via adapters (without the need for a DALI address).

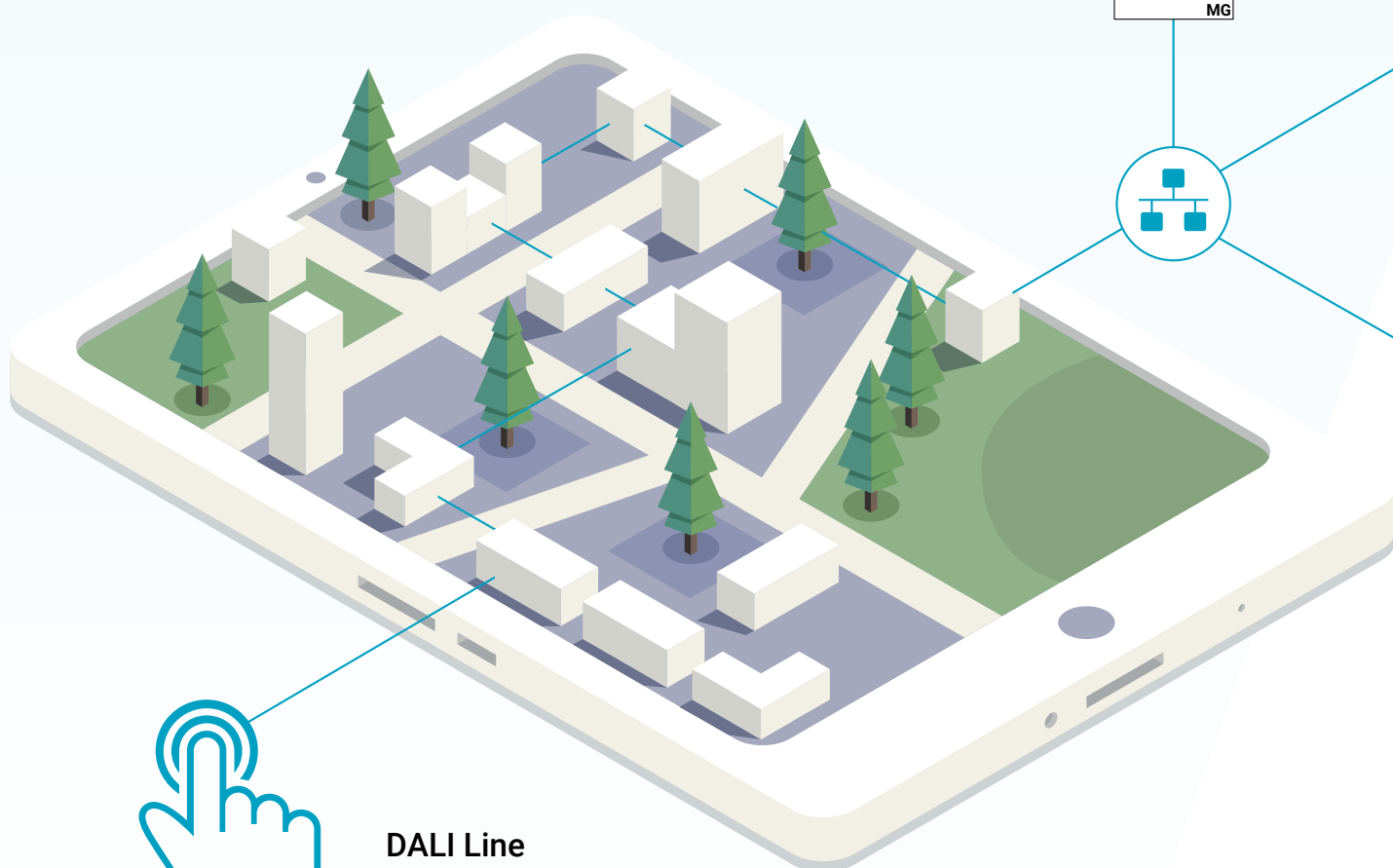
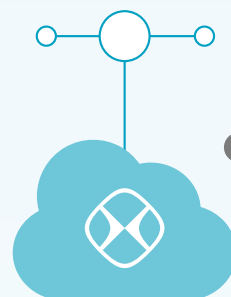
REMOTE CONTROL



APP NORMALINK



NORMALINK BMS



DALI Line
2x1,5 mm²
Max. 300 m

Normalink TW

Now it is possible to control DALI DT8 and SALUZ Tunable White luminaires with Normalink and to create healthier and more comfortable environments.

It is possible to simulate circadian cycles (up to 32) and modify them (intensity and colour temperature) by time blocks.

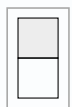
Push buttons, presence sensors and/or light regulators which can also act on the programmed circadian cycles.

Control and configuration from Normalink APP and Normalink BMS.

In addition to the IDNG64 gateways in accordance with the number of DALI luminaires, this new function also requires an IDNG-MG gateway connected to the same local network which will act as the system's switchboard.

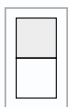
EXAMPLE

Example of the control of circadian cycles via the IDNG-P4P with capacity for four push buttons:



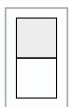
1

Push button 1:
ON/OFF lighting and pre-defined circadian cycle.



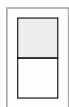
2

Push button 2:
Regulation of the colour temperature.



3

Push button 3:
Regulation of the amount of light and the switching on/off of the luminaires.



4

Push button 4:
"Siesta" scene in which all of the luminaires are set to a colour temperature of 2700 °K and light intensity of 10%.



SaLuz® Video

Further information >
sa-luz.com

SaLuz® is a registered trademark.

SaLuz® technology is protected by
Utility Model Number 201931533.



saLUZ®

SaLuz® technology is inspired by natural light.

Light affects our vital rhythms, our physiological processes, our mood, our capacity to concentrate, our emotions and, of course, our health.

Although artificial lighting is extremely useful, our biology is still programmed to adapt to natural light, its cycles and characteristics.



Automatically adapts to the circadian rhythm.



Controls flickering (below 8%).



Controls photobiological safety.

VERSIONS:

HAT HR
SALUZ®



NASSEL AVANT
SALUZ®



TRAZZO AVANT
SALUZ®



VERSION COMPATIBLE WITH NORMALINK:

saLUZ® Tunable white

This version enables circadian cycles to be modified remotely via Normalink and adapted to the specific needs of the project.

Normalink and emergency lighting / exit signs

Normalink is a platform designed to control and monitor safety lighting.



Control and monitoring of each of the self contained blocks of emergency lighting and exit signs.

Monitoring and control of the emergency luminaires and/or beacons connected to C24i central battery systems.

Programming of functional and autonomy tests as per the standard EN 50172.

Anomalies warning.

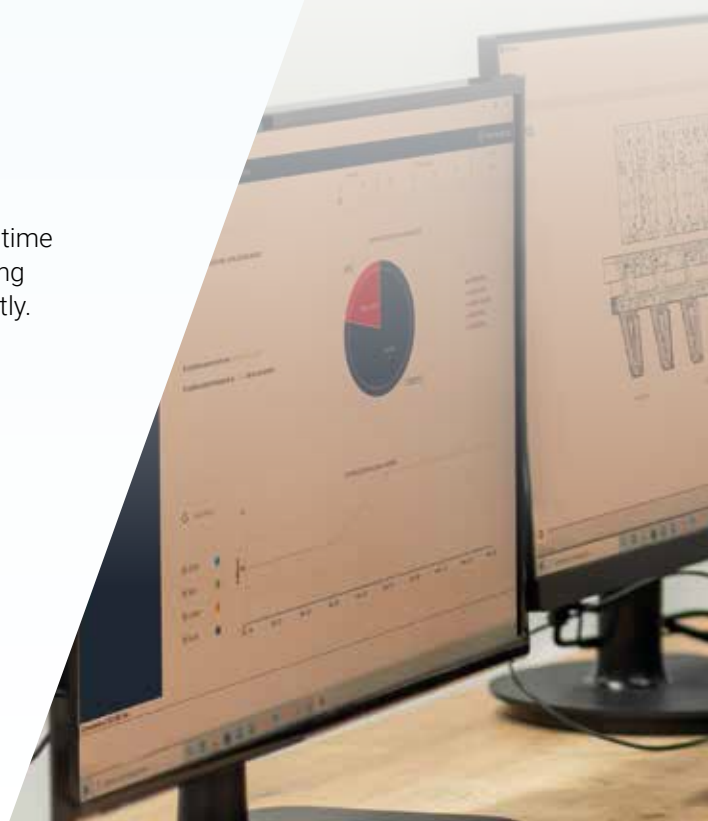
Interaction with other safety systems.

Integration in SCADA control systems using MODBUS/IP.

Programming of scenes and time settings for emergency lighting that is functioning permanently.

Control of the light source in maintained mode.

Simple DALI addressing via Normalink code (check availability).



Normalink BMS

Normalink BMS allows for monitoring from any computer connected to the same local network as the other Normalink elements. (Gateways with DALI luminaires, C24i central battery systems with emergency luminaires at 24 V DC, input- output modules,...). Remote monitoring is also possible thanks to **Normalink Cloud** 

Monitor and control general DALI lighting, self contained DALI emergency lighting and C24i central battery systems.

Connection to the local network or remotely via Normalink Cloud.

Anomalies warning (by type, quantity, time, etc.).

Notifications sent by e-mail.

Customisation of reports.

Test configuration (functional and annual).

Performance of tests (functional and annual).

Creation and control of groups, scenes and timings.

Log of events and tests.

Global vision of the building with a fittings and anomalies counter.

Development module for project creation.

Automatic recognition of all the devices compatible with Normalink in the local network (gateways, i/o modules, central battery systems).

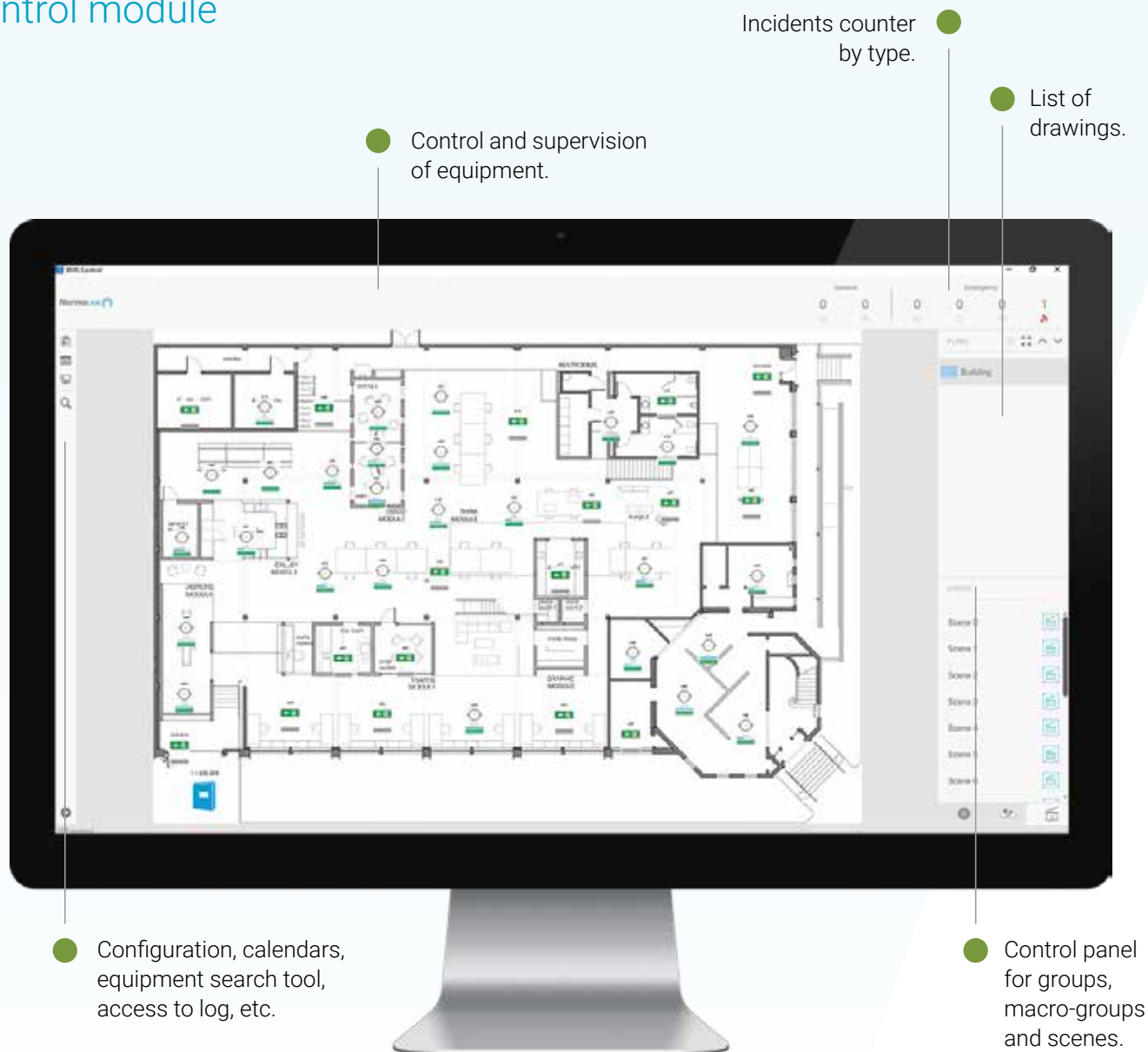
Multi-user system.



Normalink BMS

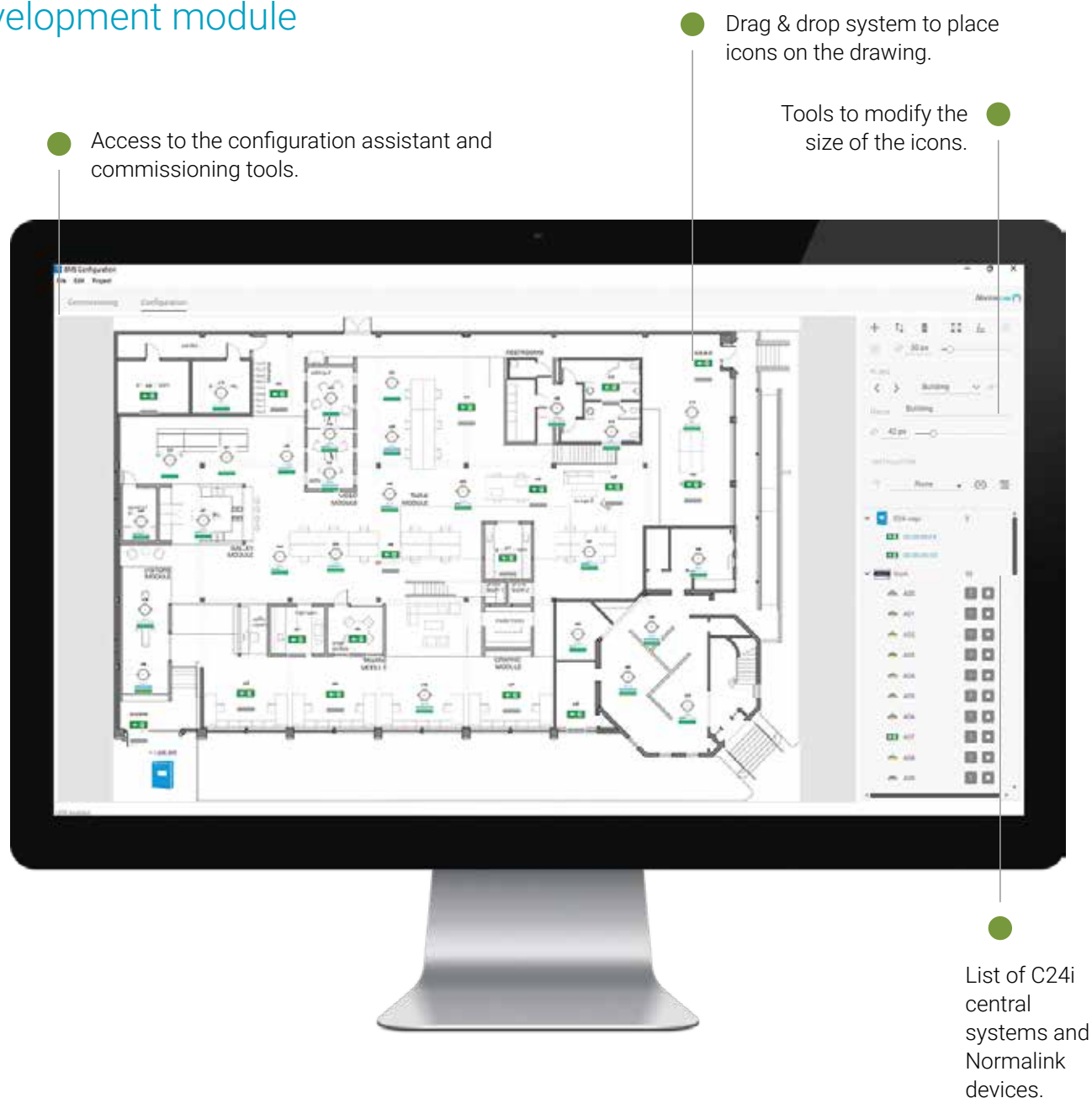
Normalink BMS takes pride on its two different modules: One for supervision / control and another one to be developed from scratch and customizable.

Control module



- Browsing by drawings.
- Real time status.
- Identification of incidents by type (light source, battery, autonomy, communication).
- Filtering by type of incident.
- Control of groups, macro-groups and scenes.
- Individual control of each luminaire. Control of the maintained status (on, off and dim), remote control, performance of tests, etc.
- Reports management tool.
- Annual events calendar.
- Search tool for luminaires in the drawing.
- Notifications management tool.

Development module



- Step-by-step configuration assistant. Simple and intuitive.
- Tools for centralised commissioning.
- Customised reports editor.

- Drag & drop system for project development.
- Modification of the size of icons according to the plan of the building.

Normalink Devices

IDNG-MG



TCP/IP master gateway for the control of Normalink installations.

Configuration through the incorporated webserver. Once connected to the same local network as the rest of the Normalink devices, the Master gateway will take control of the installation allowing:

- Ethernet connection.
- Configure notifications.
- The installation to be controlled remotely thanks to the Normalink Cloud service.
- Comprehensive control of the installation thanks to the Normalink BMS software with drawings (included in the Gateway).
- Control the installation from external software with Modbus IP support.
- DIN Rail mounting (12 modules).
- Power Supply: 230V AC 50-60Hz from an UPS (Uninterrupted Power Supply).
- Dimensions: 210 x 90 x 60 mm.



IDNG64



DALI-TCP/IP gateway for control via Normalink of up to 64 general lighting and/or emergency lighting luminaires as per the DALI (Digital Addressable Lighting Interface) Standard.

- Dimensions: 105 x 90 x 60 mm.
- Ethernet connection.
- DIN Rail mounting (6 modules).
- Incorporates an internal power supply to power the DALI line and a CR2032 battery to avoid losing information.
- Power Supply: 230V AC 50-60Hz from an UPS (Uninterrupted Power Supply).
- Additionally, this device enables the connection, via the DALI line, of up to 16 devices with the Normalink code (Ref. IDNG-EAD and IDNG-P4P).

IDNG-EAD



Adapter to integrate non-DALI control devices, such as push buttons, presence sensors and light regulators, into the DALI line.

- It has a DALI connector, 0-10 V analogue input (non-isolated) and a digital input (230 V AC).
- Automatic detection and configuration from the Normalink app.
- Powered via the DALI bus.
- Does not use a DALI address.
- Identification via Normalink code.
- Dimensions: 215 x 33.5 x 30 mm.

IDNG-P4P



Interface for the connection of four push buttons or a switch (potential-free) to a DALI line and its integration in the Normalink system.

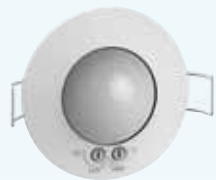
- Connection to the DALI line.
- Four inputs or channels (IN0, IN1, IN2 and IN3) and a shared terminal.
- Powered by section wires of 0.5 mm² and 200 mm long.
- Terminals IN1, IN2, IN3 and IN4 cannot be extended using an extra wire.
- Automatic detection and configuration from the Normalink app.
- Powered from the DALI bus.
- Does not use a DALI address.
- Identification via Normalink code.
- Dimensions 50 x 50 mm.



Normalink Devices

ILSR110

1/10V DC **closed loop constant light regulator** for connection to Normalink IDNG-EAD adapter.



- Mounted in false ceiling. Incorporates a movement sensor (PIR) allowing the activation of the lighting when people are present, if required.
- Power Supply: 230 V AC 50 Hz.
- Brightness level: 100~1000 lux.
- Connection Time: 10-30 min.
- IP 20 as per UNE 20324.
- Operating temperature: 0°C to 40°C.
- Movement detection range: 360°/day. 7 m at a height of 2.5 m.
- Diameter: 80 mm.
- Controller dimensions: 107x53x34 mm.
- Manufactured as per UNE EN 60730 Standard.

ILSS110

1/10V DC **closed loop constant light regulator** for connection to Normalink IDNG-EAD adapter.



- Surface ceiling mounted. Incorporates a movement sensor (PIR), allowing the activation of the lighting when people are present, if required.
- Power Supply: 230 V AC 50 Hz
- Brightness level: 100~1000 lux.
- Connection Time: 10-30 min.
- IP 20 as per UNE 20324.
- Operating temperature: 0°C to 40°C.
- Movement detection range: 360°/day. 7 m at a height of 2.5 m.
- Diameter: 118.5 mm.
- Height: 45 mm.
- Manufactured as per UNE EN 60730 Standard.





IDNG-10ES



Input / output module compatible with the Normalink system. Allows the direct integration of external input / output elements to Normalink (not through DALI).

- Dimensions: 105 x 90 x 60 mm.
- 10 terminals that can be programmed as inputs or outputs.
- One relay output.
- Ethernet connection.
- Web server for network configuration.
- Potential-free inputs for the connection of push buttons, switches or signals.
- 24v outputs for connecting relays, solid state contactors or external devices (PLCs, switchboards or others). Maximum current output 10mA.
- Identification via Normalink code.
- DIN Rail mounting (6 modules).
- Power Supply: 230V AC 50-60Hz form an UPS (Uninterrupted Power Supply).



Sales Terms and Conditions

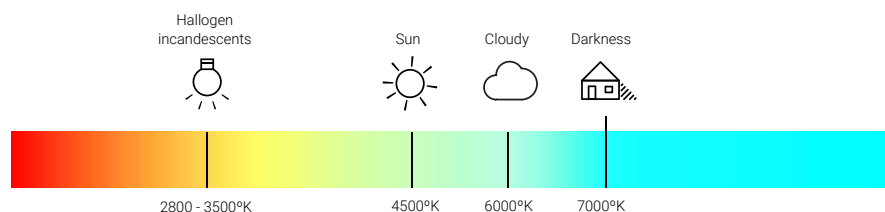
- Consult RRP prices of Normalink devices.
- The sale of the Normalink system, its devices and the provision of the commissioning service (Ref. ISS) is subject to the purchase of Normalit technical lighting and/or Normalux emergency lighting.

Lighting technique

Basic concepts

Colour temperature

The colour emitted by a light source in comparison with the light that a black body heated at a specific temperature would emit. For this reason, this colour temperature is expressed in kelvin, in spite of not reflecting specifically a temperature. There are basically three groups:



Warm light

3500°K or lower temperature colour.

It is equivalent to the light produced by incandescent and halogen lamps in the past. It is recommendable for retail stores, fruit shops, bakeries, groceries and butcheries (in these two latests it is even more common a light in a pink tone). For domestic lighting it is recommended to use this type of light in rooms such as the living room or the bedrooms, places for **rest and relax**.

Neutral light

Temperature ranges from 3800°K and 4500°K

According to the experts this is the most natural light. It can be installed in any environment not requiring any special tone that the other two categories could provide.

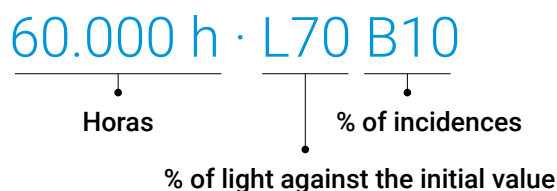
Cold light

Colour temperatures above 5000°K

It is equivalent to the light in a very sunny or cloudy day. One of the advantages of the cold light is the higher lumen output, which creates a perception of higher luminosity. This type of light is recommended for fish markets and jeweleries. For homes, it is very common to find it in kitchens and toilets. However the experts in make up always recommend cold lights as they offer an advantage, which is that they provide a better chromatic range.

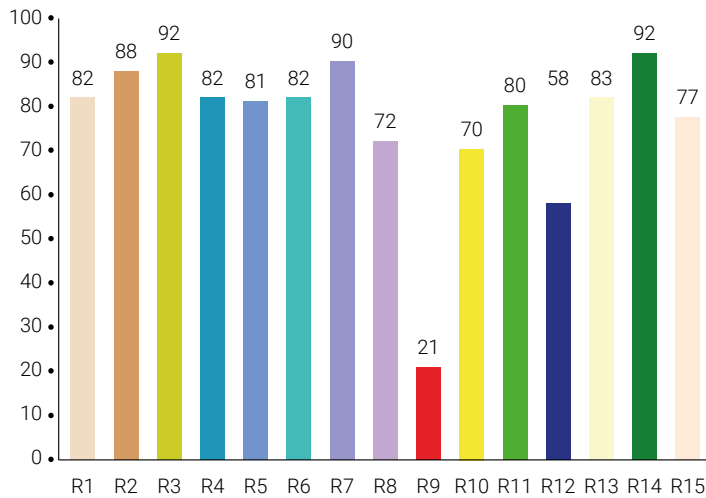
Expectancy del led

The expectation of useful life of the LED has been defined by an indicator such as the one shown at the right of this page. In the mentioned example, at 60,000h, 90% of the luminaires will have an output equal to or greater than 70% of the nominal value.



CRI Colour Rendering Index

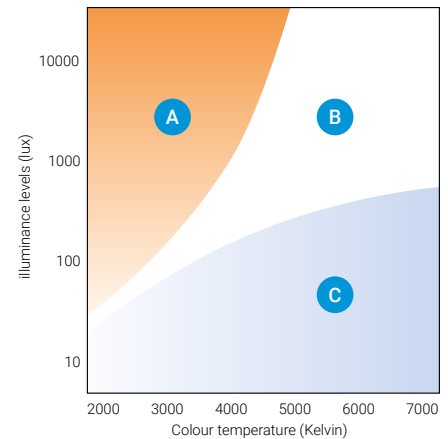
Capacity of a light source to reproduce accurately the colours that it lights.



Scale from 0 to 100.
15 values referred in a pattern.

Kruithof Curves

Relation illuminance levels [lux]
colour temperature [°K]



- A** Saturated reds area
- B** Comfort area
- C** Saturated blues area

B Zone

Ideal temperature according to illuminance.
Comfortable relationship.

Control of the light temperature

LEDs from the same batch can present variations in intensity and/or in colour.

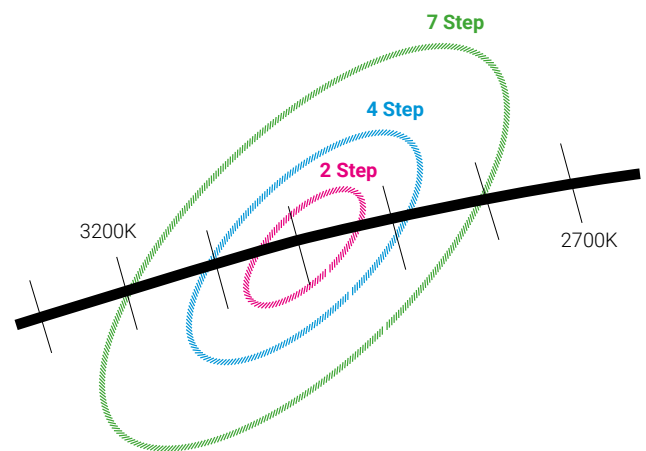
The chromatic homogeneity of the leds is measured through a series of ellipses (MacAdam ellipses).

The less the size of the ellipse is, the less the chromatic deviation.

The deviation is measured in SDCM (Standard Deviation of Colour Matching).

- **1 SDCM:** There are no colour differences.
- **2-4 SDCM:** There is hardly no visible difference.
- **5 SDCM or more:** The different is easily perceptible.

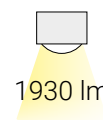
Normagrup works is 3-4 MacAdam Ellipses.



Light performance η

It indicates the real flux.
Defines the luminic efficiency of a luminaire.

ELIT (ref. EL23)



1930 lm

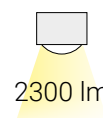
η

95%

REAL FLUX

1,833.5 lm

HAT (ref. EH23)



2300 lm

η

75%

REAL FLUX

1,725 lm



Lower lumen output, better efficiency



Photobiological security

The European Norm for photobiological security (EN 62471) establishes a number of criteria to determine if a luminaire entails any risk of eye or skin damages.

This regulation determines four photobiological risk groups:

GROUP OF RISK

RG0	Risk free
RG1*	Low risk
RG2	Moderate risk
RG3	High risk

* Time under 3 h.



UGR (Unified Glare Rating)

It is the rate that indicates the level of glaring that the human eye is undergoing. There are several factors that affect this rate:

- The technical and constructive features of the luminaire itself.
- The installation of the luminaire (height and position with regard to the observer).
- The reflections of the surrounding materials (floor, walls, ceiling...).

The International Commission of Lighting (known as CIE, Commission Internationale de l'éclairage) has determined the values of compulsory fulfillment depending on the area of activity through the regulation EN12464-1:2011.

The design process is critical when defining the UGR rate that will finally accomplish a luminaire. **Hiding the point of light, avoiding opal glasses or using microprismatic diffusers helps to reduce the glaring of the luminaire.**

Flickering

Also known as **periodical blinking or the light source of a luminaire** (stroboscopic effect), it is present in almost all the artificial light sources and is caused by the looping out of the output current in the LED driver.

This rate below makes it possible to measure the significance of the problem:

- A flickering under 15% prevents dizziness, nausea and headaches.
- Under 8% this flickering is not considered to be harmful (according to IEEESA-1789-2015).

Light uniformity

Sites must have a proper lighting that guarantees the minimum values regulated by the norm in any point; **variations of the lighting levels in a room cause negative effects on the users.**



Guide for regulation control

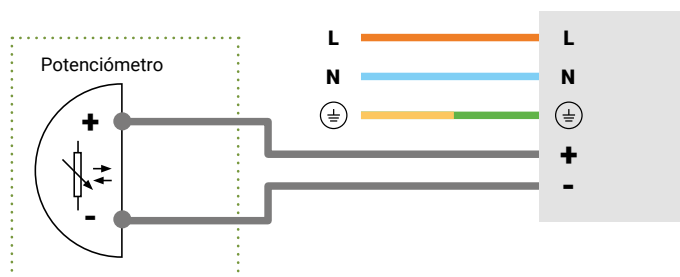


ANALOG REGULATION 1-10V *

Potentiometer functioning:

Press the potentiometer to turn on or off the luminaire.

Move the wheel to increase or reduce the luminic intensity.

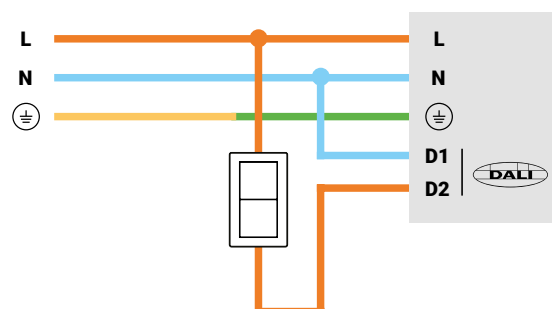


DIGITAL REGULATION WITH PUSH BUTTON*

Push button functioning:

A short press turns the light on or off.

A continuous press adjust the lumen output.



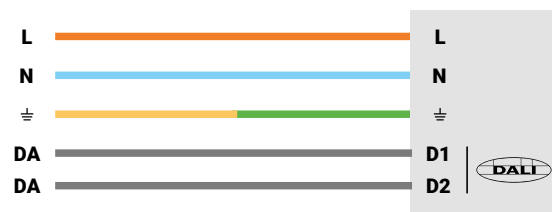
*Regulation option not available on Hat Micro, Hat S, BLOK and BLOK R families.



DIGITAL DALI REGULATION

DALI Network:

DALI devices are connected with a single bus wire and are identified with unique addresses, so they can be assigned to groups or scenes with a simple programming.



DALI protocol features:

- Maximum number of fittings per line: 64
- Maximum distance: 300 meters
- 2 x 1,5 mm² wire
- No polarity
- Star or tree connections are allowed.
- Closed loops are not allowed.
- Maximum number of DALI groups (per line): 16
- Maximum number of DALI scenes (per line) : 16

Handwriting practice lines consisting of 20 horizontal dotted lines.

Handwriting practice lines consisting of 20 horizontal dotted lines.

Handwriting practice lines consisting of 20 horizontal dotted lines.

NORMALIT

Technical and architectural lighting
normalit.com



100%

*Entirely designed and
manufactured in Spain*

Headquarters

Parque Tecnológico de Asturias. C/ Ablanal, 1
33428 Llanera (Asturias). España / Spain
normagrup.com

Normagrup UK Limited

Unit 6
B5K Business Park
Quartz Close
Amington
Tamworth
B77 4GR

Normagrup Netherlands

Korte Huifakkerstraat 18
4815 PS Breda, The Netherlands

Normagrup France

27 Rue Edouard Lang
76600 Le Havre
France

Normagrup Iluminación de México SA de CV

Av. Ignacio Comonfort 239
Col. Santa Ana Tlapaltitlán
Toluca, Estado de México
C.P. 50160 México



Normagrup