

NORMALUX

by Normagrup



Emergency lighting

normalux.com



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NORMALUX

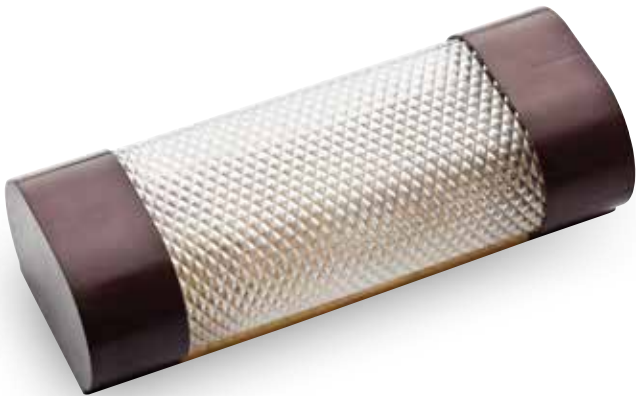
Emergency lighting



normalux.com

Sense of technology

Normagrup DNA



1971

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



**GET TO KNOW
NORMAGRUP**

See video



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 in components or quality controls.

And with an ongoing desire to innovate and make the world better through technology.

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





Normagrup Technology

Divisions

NORMALUX

Emergency lighting
normalux.com

Together, we make a perfectly coordinated team.

NORMALIT

Technical and architectural lighting
normalit.com

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.normadet.com

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

NORMADET

Fire detection systems
normadet.com

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.norclinic.com

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

NORCLINIC

Technical systems for hospitals
norclinic.com



International presence

From Spain to the world

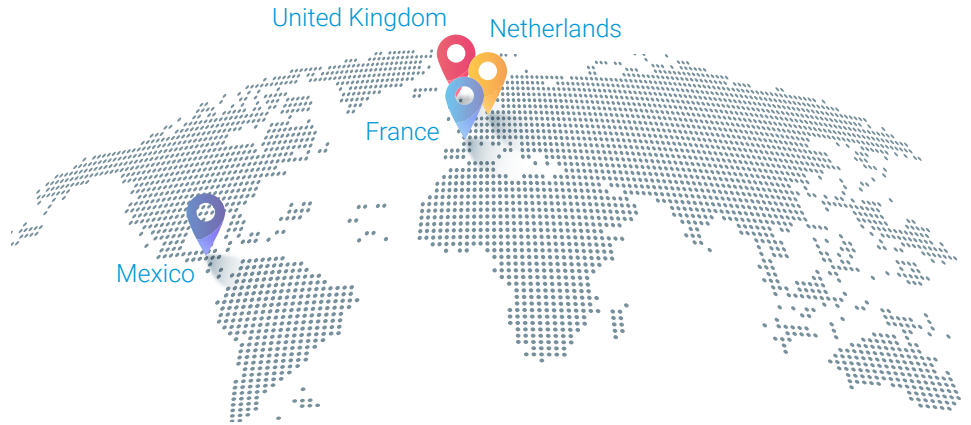
We distribute technology and innovation around the world from our facilities in Asturias and through various branches.

Our branches::



100%

Entirely designed and manufactured in Spain



30,000 sq.m.



4,500 sq.m.



1,200 sq.m.





6,000 sq.m.

NTC

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.



Manufacturing

From the raw material to the final product

Normagrup designs and manufactures its products entirely in the Company's production factory in Asturias, developing its own technologies with complete control of the technical and logistical processes. We transform raw materials into final products in order to ensure maximum efficiency,

quality, safety and reliability, as well as versatility with high added value in the execution of special projects. A global management, from technological conception to manufacturing, with lines that incorporate the latest advances in electronics, robotics, and automation.

Normagrup researches, develops and manufactures in Spain.





Environmental
Certification



Sustainability pioneers

In 2023, Normagrup's two lighting divisions, **Normalux and Normalit**, became the first brands in Spain to obtain the **N Sustainable AENOR certificate** in recognition of their commitment to the environment, society, and governance. The certificate monitors more than 20 sustainability indicators and is evidence of the good environmental practices policy implemented in recent years to

adapt the company to major economic challenges. The implementation of new circular economy and logistical standards and the creation of ecological packaging and sustainable manufacturing practices are part of Normagrup's rigorous strategy to help conserve the planet from Asturias with a global vision.

Normagrup

Research and technology transfer

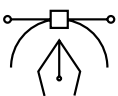
Normagrup LAB is a pioneering innovation center specialized in lighting that combines scientific research and a permanent approach to technology transfer, with the aim of offering our customers a unique added value in our products offering and the development of unique projects.

The advanced technological knowledge, R&D's vision of the company and the complete control of manufacturing allow us to anticipate the needs of our sector, placing Normagrup on the front line of the global market thanks to its high capability of innovation.





The pieces of Normagrup LAB



Design department

An expert team in industrial and technological design at the service of the aesthetics, ergonomics, and usability of the products to achieve their optimal adaptation to different spaces and ensure their ease of installation and handling.



Our own laboratories

An R&D center for the development of technologies and the testing of products, guaranteeing the highest quality and safety. Our facilities are equipped with the most advanced equipment; a photogoniometer, Ulbricht sphere, impact hammer, climate chamber, incandescent wire machine, double monochromator, and spectrophotometer, among other resources.



Get to know our laboratories



Advanced manufacturing and analysis

As an independent manufacturer, Normagrup has the potential to adapt its production processes to specific requirements. The experience and technical knowledge of the Company is at the service of each project to study and carry out installations in different scenarios, with the manufacturing of customized equipment.



Tech Think-Tank

Knowledge as a bulwark of the company to create the foundations of the future, with a multidisciplinary team located at the forefront of research around the field of lighting from various areas.



Normagrup 360

Special executions and
customized projects

The manufacturing capacity of Normagrup allows the company to adapt the characteristics of its products to the needs of customers, achieving the production of solutions with a high specialization and uniqueness, as well as an effective execution of special projects.

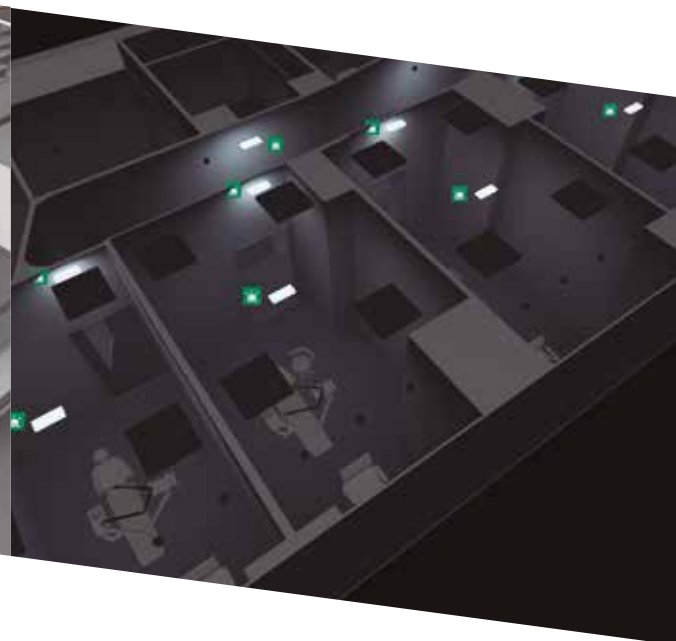
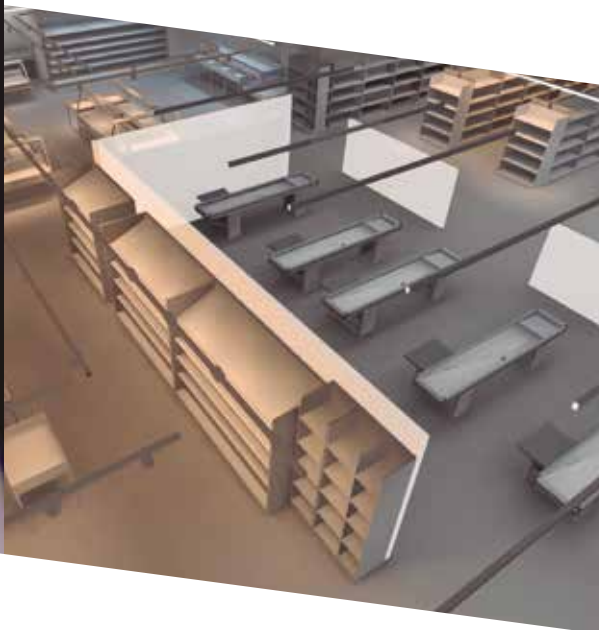
In addition to guaranteeing the highest quality standards, the services of **Normagrup 360** make it possible to select manufacturing characteristics on demand, allowing the production of custom made products with special finishes and the desired combination of specifications.



Customized lighting systems

Customized manufacturing allows optimal integration and better performance of the facilities. This is possible thanks to the selection of parameters such as autonomy in emergency lighting solutions or color temperature in conventional luminaires.

NORMALUX



Manufacturing adaptation and flexibility

Our vision is based on a functional and flexible approach to production, so that the systems adapt to the various spaces and uses from a technical and aesthetic perspective.

On-demand projects and executions

As a manufacturer, Normagrup accompanies its customers in the development and implementation of customized projects and unique executions with the aim of making any challenge a reality.

New products 16

Control System

Normalink App control by Normagrup 18

NORMALUX

Emergency lighting

Emergency lighting



Arque IP44
24 | N



Arque IP65
28 | N



Via R Recessed
36



Via S superficie
44



Via W Surface
56



Dunna
64



Stylo
72



GS
76



Hermetic
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Hermetic EX
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Smart
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Extraplana
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Lissa emergency light
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Bessel
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Volutta
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Volutta doble
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Volutta recessed mounting
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Excellence
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Gennius
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Europrisma
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Uro
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Hermetic XL
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Aura
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Aura 65
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Dopplo
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Twin spots
140



Explosion proof
142

Exit signs



Lissa exit signs
146



Extraline
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Signal 7
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Step lighting



MA24-6 power supply module
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Central Battery Systems



C24
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Kira Led
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Versatile
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Emergency lights for elevators



Emergency lights for elevators
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Light paths



Light paths
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NormaLINK App control by Normagrup **194**

Surface covered with 1 lux **210**

Legend / Iconography

Class I	Installation	Light range	Versions	Batteries	Power	Norms / Regulation
Class II	Ceiling surface mounted	Lm XXX-XXX	Autotest	Ni-Cd	24 Vdc	EN XXXXX
Class III	Electrified rail	Autonomy	Dali	Ni-Cd / Ni-MH	230 Vac	Maximum viewing distance
CE mark	Stave ceiling	X	DALI 2	LiFePO4	Low temperatures	XX m
Glow wire 850°C test	Recessed in the ceiling	Modes of operation	Intelligent Wireless	Pb	-25°C	Quick assembly plug in system
LED LED lamp	Ceiling suspended mounted	Maintained	Central Battery System	IP	Quick assembly plug in system	Presence detector
	Wall surface mounted	No Maintained	SATI	IK	Presence detector	
	Recessed in the wall	Maintained / No Maintained	SATI addressable	IP XX		
				IK XX		

Naturally circular

Because safety and beauty are natural partners, the ARQUE family, inspired by the environment, is an attractive, sustainable emergency lighting option guaranteed by Normagrup's hallmark technical quality.



New compact emergency lighting

Arque

Based on an innovative and minimalist circular design, the new family of ARQUE emergency lighting stands out for its small format, ease of maintenance and great versatility thanks to the standard (IP44) and watertight (IP65) versions, completed by a wide range of special accessories, as well as special models with transparent diffuser and opal diffuser.



ø97 mm

The most compact emergency light

ARQUE is the most compact unit in its class, with a reduced circular design and smaller than any conventional emergency light on the market.



Quick installation of all versions

ARQUE integrates a base with plug-in connection that simplifies and speeds up the connection and assembly in both the IP44 and IP65 versions, without the need to manipulate the interior of the equipment.



ARQUE fits seamlessly into any location with an extensive range of emergency optics and installation possibilities.



ARQUE VIDEO
Normagrup Channel
YouTube



Black and white design

Featuring the stand-out Normalux aesthetic concept, with finishes in black and white.



MAG

NEW MAGNETIC TEST BUTTON

MAG technology by Normagrup offers remote activation and automatic test mode by bringing the magnet close to the LED.

NormaLINK

All the control
in the palm of your hand



Compatible with DALI general lighting and emergency lighting.



SALUZ® Tunable white

> MODBUS <

Compatible with Emergency lighting

WIRELESS SYSTEM
NORMALUX

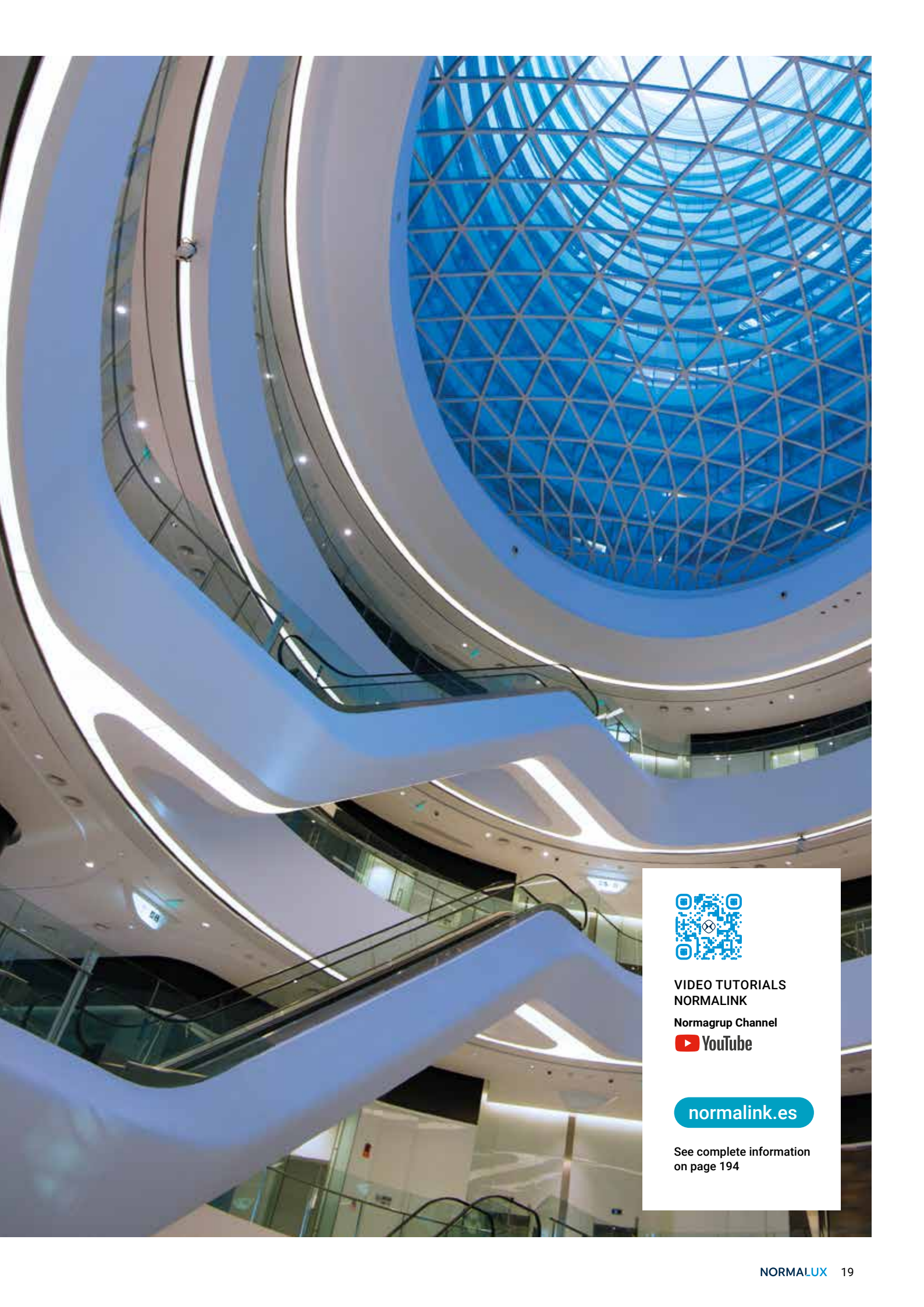


Available for IOS, Android and Windows.



100%
by Normagrup
hardware · software · support





**VIDEO TUTORIALS
NORMALINK**

Normagrup Channel



normalink.es

See complete information
on page 194

Emergency lighting





Arque IP44
24 | N



Arque IP65
28 | N



Via R Recessed
36



Via S Surface
44



Via W Wall
56



Dunna
64



Stylo
72



GS
76



Hermetic
80



Hermetic EX
84



Smart
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Hermetic XL
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Aura
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Aura 65
133



Dopplo
136



Twin spots
140



Explosion proof
142

ARQUE

The aesthetic side of safety

ARQUE emergency lighting adapts to any need and location, equipped with four LEDs that can be provided with two types of lenses oriented to different safety applications.



3000 K

LED models available at 3000K colour temperature. Check availability.



IP 65



A model for the most demanding spaces

The IP65 version is the ideal compact option for emergency lighting installation in the most demanding locations. With the same diameter and aesthetics, it incorporates high resistance for extreme conditions and integrates three inputs for M20 to adapt to any location with flexibility.

Arque accesories

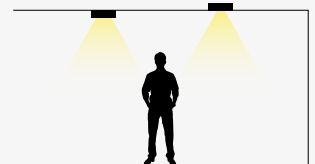
The range of ARQUE accessories completes a flexible and visually more attractive emergency lighting family designed to meet the requirements of any infrastructure with a homogeneous aesthetic.



Arque can be installed recessed into the ceiling with Q-ME accessory

ARQUE stands out for its great technical versatility, integrating up to 300 references that combine different operating modes, versions, and batteries.

Installation Recessed in the ceiling
Ceiling surface mounted



LIGHT EFFICIENCY

Corridor lens

An asymmetrical curve designed to illuminate evacuation routes and long corridors, maximizing the distance between units.

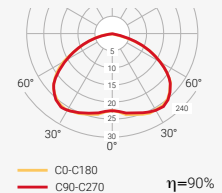
Anti-panic lens

With symmetrical optics ideal to cover large areas with greater uniformity than a standard emergency lighting, covering the maximum surface with 1 lux.

SURFACE COVERED WITH 1 LUX

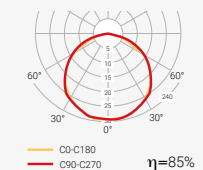
Transparent diffuser

INSTALLATION HEIGHT (METERS)	QS-100L	QS-200L	QS-300L	QS-400L
2,0 m	21,23	46,12	57,65	63,61
2,5 m	24,63	47,59	63,61	75,69
3,0 m	26,42	49,86	72,38	81,71
3,5 m	25,53	51,48	78,53	90,34
4,0 m	22,67	53,26	81,71	99,07
5,0 m	—	55,41	88,24	108,89



Opal diffuser

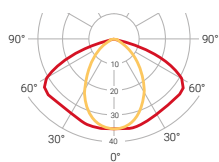
INSTALLATION HEIGHT (METERS)	Q-100L	Q-200L	Q-300L	Q-400L
2,0 m	22,9	38,48	46,56	60,82
2,5 m	24,63	44,17	52,81	72,38
3,0 m	25,51	45,36	63,61	79,43
3,5 m	25,51	47,23	72,38	88,24
4,0 m	21,23	50,26	78,53	95,03
5,0 m	—	52,81	81,71	98,52





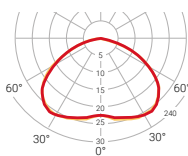
Arque IP44

Transparent diffuser QV



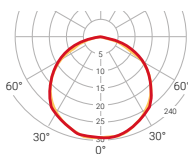
— C0-C180
— C90-C270 $\eta=90\%$

Transparent diffuser QS

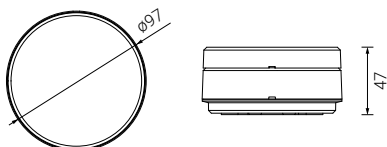


— C0-C180
— C90-C270 $\eta=90\%$

Opal diffuser

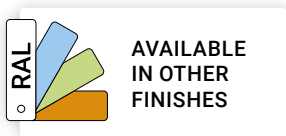


— C0-C180
— C90-C270 $\eta=85\%$



Finishes

- White
- Black
Add +4* to the White reference.
Check additional costs.



3000 K

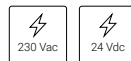
Maintained LED models available at 3000°K colour temperature.
Add +W to the code.
Check additional costs.



Lm
85-300 **1/3**



IP **44** IK **09**



EN 60598-2-22

+ Possibility of remote control.

Arque IP44





Standard

Transparent diffuser







Non-maintained

IP
44

		Lm			
QS-100L	White	90 lm	1	0,3	20
QV-100L	White	90 lm	1	0,3	20
QS-200L	White	200 lm	1	0,3	20
QV-200L	White	200 lm	1	0,3	20
QS-300L	White	280 lm	1	0,3	20
QV-300L	White	280 lm	1	0,3	20
QS3-100L	White	100 lm	3	0,3	20
QV3-100L	White	100 lm	3	0,3	20

Maintained / Non-maintained

IP
44





		Lm			
QSL-100	White	90 lm	1	0,3	20
QVL-100	White	90 lm	1	0,3	20
QSL-200	White	200 lm	1	0,3	20
QVL-200	White	200 lm	1	0,3	20
QSL-300	White	300 lm	1	0,3	20
QVL-300	White	300 lm	1	0,3	20
QSL3-100	White	90 lm	3	0,3	20
QVL3-100	White	90 lm	3	0,3	20

Opal diffuser







Non-maintained

IP
44

		Lm			
Q-100L	White	85 lm	1	0,3	20
Q-200L	White	190 lm	1	0,3	20
Q-300L	White	260 lm	1	0,3	20
Q3-100L	White	95 lm	3	0,3	20

Maintained / Non-maintained

IP
44

		Lm			
QL-100	White	85 lm	1	0,3	20
QL-200	White	190 lm	1	0,6	20
QL-300	White	285 lm	1	0,3	20
QL3-100	White	85 lm	3	0,3	20
QL-100W	White	80 lm	1	0,3	20
QL-200W	White	180 lm	1	0,3	20
QL-300W	White	260 lm	1	0,3	20
QL3-100W	White	75 lm	3	0,3	20

Ref. -W = 3000 K

Arque IP44

Autotest

Transparent diffuser



Non-maintained

IP
44

		Lm			
QSA-100L	White	90 lm	1	0,3	20
QVA-100L	White	90 lm	1	0,3	20
QSA-200L	White	185 lm	1	0,3	20
QVA-200L	White	185 lm	1	0,3	20
QSA-300L	White	280 lm	1	0,3	20
QVA-300L	White	280 lm	1	0,3	20

Maintained / Non-maintained

IP
44

		Lm			
LITHIUM QSAL-150Li	White	130 lm	1	0,3	20
LITHIUM QVAL-150Li	White	130 lm	1	0,3	20
LITHIUM QSAL-250Li	White	235 lm	1	0,3	20
LITHIUM QVAL-250Li	White	235 lm	1	0,3	20
LITHIUM QSAL3-250Li	White	250 lm	3	0,3	20
LITHIUM QVAL3-250Li	White	250 lm	3	0,3	20

Opal diffuser



Non-maintained

IP
44

		Lm			
QA-100L	White	85 lm	1	0,3	20
QA-200L	White	175 lm	1	0,3	20
QA-300L	White	265 lm	1	0,3	20

Maintained / Non-maintained

IP
44

		Lm			
LITHIUM QAL-150Li	White	125 lm	1	0,3	20
LITHIUM QAL-250Li	White	225 lm	1	0,3	20
LITHIUM QAL3-250Li	White	235 lm	3	0,3	20
LITHIUM QAL-150LiW	White	115 lm	1	0,3	20
LITHIUM QAL-250LiW	White	210 lm	1	0,3	20

Ref. -W = 3000 K

Arque IP44

Intelligent DALI


Compatible with **NormaLINK**  

Transparent diffuser




Maintained

IP 44

		Lm			
LITHIUM QSIDL-150Li	White	150 lm	1	0,3	20
LITHIUM QVIDL-150Li	White	150 lm	1	0,3	20
LITHIUM QSIDL-250Li	White	235 lm	1	0,3	20
LITHIUM QVIDL-250Li	White	235 lm	1	0,3	20
LITHIUM QSIDL3-250Li	White	250 lm	3	0,4	20
LITHIUM QVIDL3-250Li	White	250 lm	3	0,4	20

Maintained

IP 44

		Lm			
LITHIUM QIDL-150Li	White	140 lm	1	0,6	20
LITHIUM QIDL-250Li	White	225 lm	1	0,6	20
LITHIUM QIDL3-250Li	White	235 lm	3	0,6	20
LITHIUM QIDL-150LiW	White	130 lm	1	0,6	20
LITHIUM QIDL-250LiW	White	210 lm	1	0,6	20

Ref. -W = 3000 K




Central Battery System

Transparent diffuser



Maintained

IP 44




		POWER SUPPLY	Lm	CONSUMPTION	CURRENT		
C24 QS-S4L24	White	24 Vcc	200 lm	2,0 W	0,083 A	0,3	20
C24 QV-S4L24	White	24 Vcc	200 lm	2,0 W	0,083 A	0,3	20
C24i QSI-S4L24	White	24 Vcc	200 lm	3,0 W	0,125 A	0,3	20
C24i QVI-S4L24	White	24 Vcc	200 lm	3,0 W	0,125 A	0,3	20

Opal diffuser



Maintained

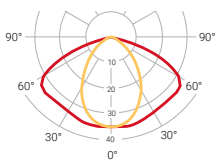
IP 44

		POWER SUPPLY	Lm	CONSUMPTION	CURRENT		
C24 Q-S4L24	White	24 Vcc	190 lm	2,0 W	0,083 A	0,3	20
C24i QI-S4L24	White	24 Vcc	190 lm	3,0 W	0,125 A	0,3	20



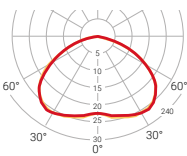
Arque IP65

Transparent diffuser QV



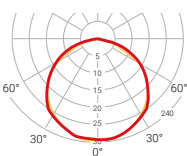
— C0-C180
— C90-C270 $\eta=90\%$

Transparent diffuser QS

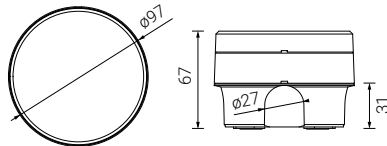


— C0-C180
— C90-C270 $\eta=90\%$

Opal diffuser

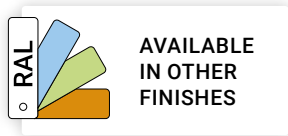


— C0-C180
— C90-C270 $\eta=85\%$



Finishes

- White
- Black
Add +4* to the White reference.
Check additional costs.

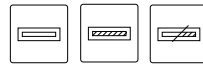


3000 K

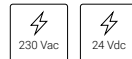
Maintained LED models available at 3000°K colour temperature.
Add +W to the code.
Check additional costs.



Lm **85-300** **1/3**



IP **65** IK **09**



EN 60598-2-22

+ Possibility of remote control.

Arque IP65





Standard

Transparent diffuser







Non-maintained

IP
65

		Lm			
QSE-100L	White	90 lm	1	0,4	6
QVE-100L	White	90 lm	1	0,4	6
QSE-200L	White	200 lm	1	0,4	6
QVE-200L	White	200 lm	1	0,4	6
QSE-300L	White	300 lm	1	0,6	6
QVE-300L	White	300 lm	1	0,6	6
QSE3-100L	White	100 lm	3	0,6	6
QVE3-100L	White	100 lm	3	0,4	6

Maintained / Non-maintained

IP
65





		Lm			
QSEL-100	White	90 lm	1	0,4	6
QVEL-100	White	90 lm	1	0,4	6
QSEL-200	White	200 lm	1	0,6	6
QVEL-200	White	200 lm	1	0,6	6
QSEL-300	White	300 lm	1	0,6	6
QVEL-300	White	300 lm	1	0,6	6
QSEL3-100	White	90 lm	3	0,6	6
QVEL3-100	White	90 lm	3	0,6	6

Opal diffuser



Non-maintained

IP
65

		Lm			
QE-100L	White	85 lm	1	0,4	6
QE-200L	White	190 lm	1	0,4	6
QE-300L	White	285 lm	1	0,6	6
QE3-100L	White	95 lm	3	0,4	6

Maintained / Non-maintained

IP
65

		Lm			
QEL-100	White	85 lm	1	0,4	6
QEL-200	White	190 lm	1	0,6	6

Arque IP65





Autotest

Transparent diffuser






Non-maintained

IP
65

		Lm			
QSEA-100L	White	90 lm	1	0,8	6
QVEA-100L	White	90 lm	1	0,8	6
QSEA-200L	White	185 lm	1	0,4	6
QVEA-200L	White	185 lm	1	0,4	6
QSEA-300L	White	300 lm	1	0,8	6
QVEA-300L	White	300 lm	1	0,8	6

Maintained / Non-maintained

IP
65




		Lm			
LITHIUM QSEAL-150Li	White	150 lm	1	0,9	6
LITHIUM QVEAL-150Li	White	150 lm	1	0,9	6
LITHIUM QSEAL-250Li	White	235 lm	1	0,9	6
LITHIUM QVEAL-250Li	White	235 lm	1	0,4	6
LITHIUM QSEAL3-250Li	White	250 lm	3	0,9	6
LITHIUM QVEAL3-250Li	White	250 lm	3	0,9	6

Opal diffuser







Non-maintained

IP
65

		Lm			
QEA-100L	White	85 lm	1	0,8	6
QEA-200L	White	175 lm	1	0,4	6
QEA-300L	White	285 lm	1	0,8	6

Maintained / Non-maintained

IP
65

		Lm			
LITHIUM QEAL-150Li	White	140 lm	1	0,9	6
LITHIUM QEAL-250Li	White	225 lm	1	0,9	6
LITHIUM QEAL3-250Li	White	235 lm	3	0,9	6

Arque IP65

Intelligent DALI

Compatible with **NormaLINK**  

Transparent diffuser



Maintained

IP 65





			Lm			
LITHIUM	QSEIDL-150Li	White	150 lm	1	0,8	6
LITHIUM	QVEIDL-150Li	White	150 lm	1	0,8	6
LITHIUM	QSEIDL-250Li	White	235 lm	1	0,8	6
LITHIUM	QVEIDL-250Li	White	235 lm	1	0,8	6
LITHIUM	QSEIDL3-250Li	White	250 lm	3	0,8	6
LITHIUM	QVEIDL3-250Li	White	250 lm	3	0,8	6

Opal diffuser



Maintained

IP 65

			Lm			
LITHIUM	QEIDL-150Li	White	140 lm	1	0,8	6
LITHIUM	QEIDL-250Li	White	225 lm	1	0,8	6
LITHIUM	QEIDL3-250Li	White	235 lm	3	0,8	6




Central Battery System

Transparent diffuser



Maintained

IP 65




			POWER SUPPLY	Lm	CONSUMPTION	CURRENT		
C24	QSE-S4L24	White	24 Vcc	200 lm	2,0 W	0,083 A	0,6	6
C24	QVE-S4L24	White	24 Vcc	200 lm	2,0 W	0,083 A	0,6	6
C24i	QSEI-S4L24	White	24 Vcc	200 lm	3,0 W	0,125 A	0,6	6
C24i	QVEI-S4L24	White	24 Vcc	200 lm	3,0 W	0,125 A	0,6	6

Opal diffuser



Maintained

IP 65

			POWER SUPPLY	Lm	CONSUMPTION	CURRENT		
C24	QE-S4L24	White	24 Vcc	200 lm	2,0 W	0,083 A	0,6	6
C24i	QEI-S4L24	White	24 Vcc	190 lm	3,0 W	0,125 A	0,6	6

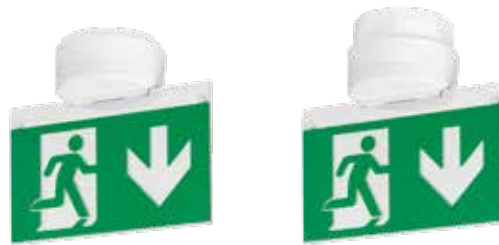
Arque IP44 and Arque IP65 Accessories

Blade diffuser

Q-DB Blade diffuser for de Arque range

PACKAGING

20



ARQUE IP44 + Q-DB

ARQUE IP65 + Q-DB

Pictogram not included

Recession frames



Q-ME

Q-ME Recession frame

PACKAGING

20

Q-MES Recession frame IP65

20



ARQUE + Q-DB + Q-ME

Pictogram not included

Waterproof base

Q-MS Waterproof base IP65

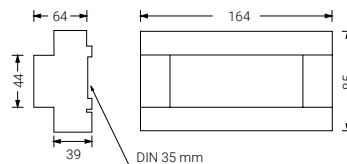
PACKAGING

20

Remote control



S-TE Remote control for up to 300 fittings standard or autotest



Pictograms

Type PQ Pictogram 200x100 mm. *References according to table below*

Type PQ 200 x 100 mm



Maximum viewing distance
(according to EN1838 for
internally illuminated signs)

20 m



Please check for other pictograms



Via

Much more than just design

Via Led has turned into the definitive emergency luminaire by bringing together versatility and efficiency in its brilliant reduced size. We have expanded its possibilities so it can be included in all types of installations.

Via Recessed

R

STANDARD
AUTOTEST
INTELLIGENT DALI
INTELLIGENT WIRELESS
CENTRAL BATTERY SYSTEM

NOW
WIRELESS VERSION
Intelligent Wireless

CE IP 40 / 65 IK 04 LIGHT RANGE 190-415 lm

Recessed IP40

Recessed waterproof IP65



Via Surface

S

STANDARD
AUTOTEST
INTELLIGENT DALI
INTELLIGENT WIRELESS
CENTRAL BATTERY SYSTEM

NOW
WIRELESS VERSION
Intelligent Wireless

CE IP 40 IK 04 LIGHT RANGE 190-415 lm

Surface mounting

Electrified track mounting

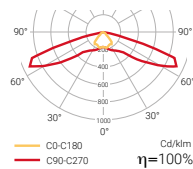
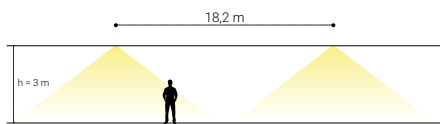


LIGHT EFFICIENCY. CEILING MOUNTING

VV | VMV | VTV | VCV | VLV

Corridors 220 lm.

Corridor length: 2 m.
Target: 1 lux



INTERDISTANCE

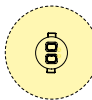
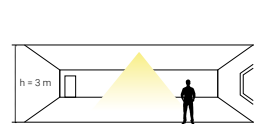
POSITION	HEIGHT (m)	
	3,0	4,0
☉ → ☉	6,5	7,7
☉ → ☉	18,2	21,4
☉ → ☹	7,8	8,1
☉ → ☹	2,9	3,2

Please check for other heights. In the VV models the orientation of the luminaire must be considered.

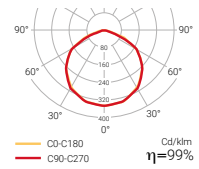
VS | VMS | VTS | VCS | VLS | VSLS

Areas 210 lm.

Corridor length: 2 m.
Target: 1 lux



Surface:
52,81 m²



INTERDISTANCE

POSITION	HEIGHT (m)			HEIGHT (m)	AREA (m ²)
	3,0	4,0	5,0		
☉ → ☉	10,3	11,3	11,7	3,0	52,81
☉ → ☹	4,0	4,1	4,1	3,5	55,41
				4,0	58,08
				5,0	51,58

In the VS model, the orientation of the light does not affect the distribution of light.

! The data shown are referred to maintained models

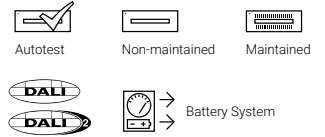
! Photometric curves of VV and VS are applicable to all VIA models



Some versions compliant with French Regulation

3000°K

Maintained LED models available at 3000°K colour temperature. Add +W to the code.

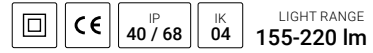


Compatible with **NormaLINK**

Via wall



STANDARD
AUTOTEST
INTELLIGENT DALI
CENTRAL BATTERY SYSTEM



For stave ceiling

Ceiling surface mounting

Ceiling suspended mounting



Wall

Outdoors wall mounted

Cylindrical wall mounted

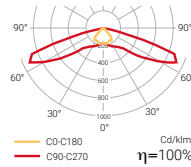
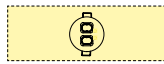
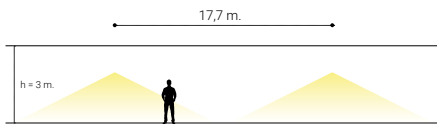


LIGHT EFFICIENCY. WALL MOUNTING

VPV | VPVS | VPLV

Corridors 220 lm.

Corridor length: 2 m.
Target: 1 lux



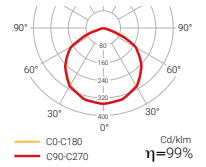
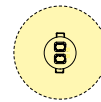
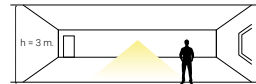
INTERDISTANCE

POSITION	HEIGHT (m)					
	1,5	2	2,5	3	3,5	4
⊕ → ⊕	11,0	13,6	15,7	17,9	19,7	21,0
⊙ → ⊙	4,3	5,0	5,6	6,3	7,0	7,4

VPS | VPSS | VPLS

Areas 210 lm.

Corridor length: 2 m.
Target: 1 lux



Surface: 23,89 m²

INTERDISTANCE

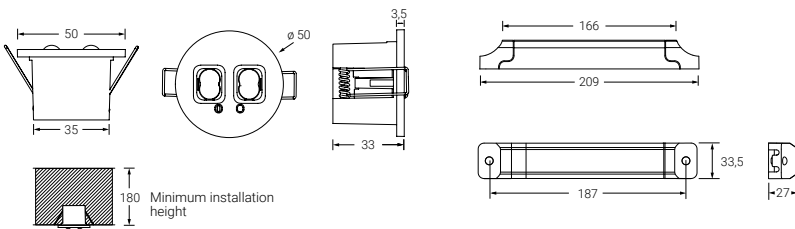
POSITION	HEIGHT (m)						HEIGHT (m)	AREA (m ²)
	1,5	2	2,5	3	3,5	4		
⊕ → ⊕	7,0	8,2	9,3	10,2	10,8	11,2	1,5	16,08
⊙ → ⊙	7,0	8,2	9,3	10,2	10,8	11,2	2,0	19,24
							2,5	21,50
							3,0	25,13
							3,5	27,70
							4,0	29,04

! Save in the number of units needed



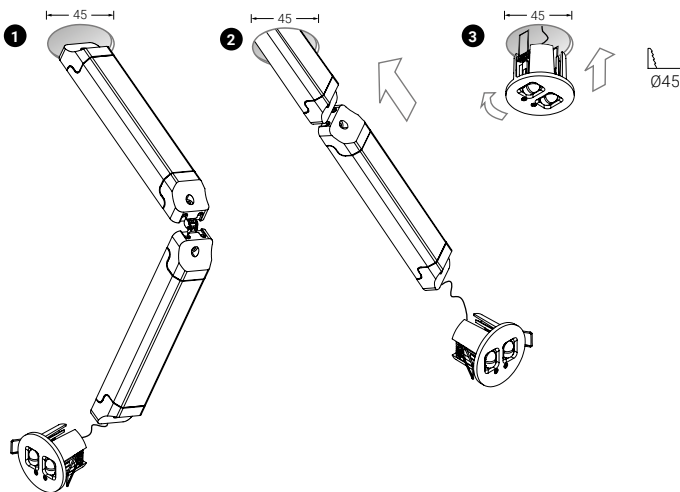
Now
IP40

Via R recessed



CE LED 850°C

DRV VIA LED



Finishes

- White
 - Black
- Add "-4" to the White reference.
Check additional costs.

AVAILABLE IN OTHER FINISHES



Maintained LED models available at 3000°K colour temperature. Add +W to the code. Check additional costs.





⊕ Possibility of remote control

Via R

Standard

Non-maintained





IP
40

		Lm			
VSE	White	205 lm	1 h	0,3	20
VSET	White	205 lm	1 h	0,3	20
VVE	White	205 lm	1 h	0,3	20
VVET	White	205 lm	1 h	0,3	20
VSEH	White	410 lm	1 h	0,5	20
VVEH	White	415 lm	1 h	0,5	20
VVEHH	White	520 lm	1 h	0,5	20
VSEHH	White	520 lm	1 h	0,5	20
VVE3	White	185 lm	3 h	0,4	20
VSE3	White	185 lm	3 h	0,4	20
VSEHH3	White	650 lm	3 h	0,7	20
VVEHH3	White	650 lm	3 h	0,7	20

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Maintained / Non-maintained

IP
40

		Lm			
VS	White	210 lm	1 h	0,6	20
LITHIUM VSLi	White	210 lm	1 h	0,5	20
VV	White	220 lm	1 h	0,6	20
LITHIUM VVLi	White	220 lm	1 h	0,6	20
VVH	White	400 lm	1 h	0,5	20
VSH	White	450 lm	1 h	0,5	20
VS3	White	210 lm	3 h	0,5	20
LITHIUM VS3Li	White	220 lm	3 h	0,5	20
VV3	White	220 lm	3 h	0,5	20
LITHIUM VV3Li	White	220 lm	3 h	0,5	20
VVH3	White	400 lm	3 h	0,8	20
VSH3	White	450 lm	3 h	0,5	20

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Autotest

Non-maintained

IP
40

		Lm			
VSEA	White	195 lm	1 h	0,3	20
VSEAT	White	195 lm	1 h	0,3	20
VVEA	White	195 lm	1 h	0,3	20
VVEAT	White	195 lm	1 h	0,3	20
VSEAH	White	410 lm	1 h	0,5	20
VVEAH	White	415 lm	1 h	0,5	20
VVEAHH	White	650 lm	1 h	0,5	20
VSEAHH	White	650 lm	1 h	0,5	20
VSEA3	White	210 lm	3 h	0,4	20
VSEA3T	White	210 lm	3 h	0,4	20
VVEA3	White	220 lm	3 h	0,4	20
VVEA3T	White	220 lm	3 h	0,4	20
VSEAHH3	White	600 lm	3 h	0,4	20
VVEAHH3	White	600 lm	3 h	0,4	20

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs





References finished in T:
Remote Controlled

Via R

Autotest

Maintained / Non-maintained

IP 40

		Lm				
	VSA	White	210 lm	1 h	0,6	20
LITHIUM	VSALi	White	210 lm	1 h	0,6	20
	VVA	White	220 lm	1 h	0,6	20
LITHIUM	VVALi	White	220 lm	1 h	0,6	20
	VVAH	White	450 lm	1 h	0,5	20
	VSA3	White	210 lm	3 h	0,5	20
LITHIUM	VSA3Li	White	210 lm	3 h	0,4	20
	VVA3	White	220 lm	3 h	0,5	20
LITHIUM	VVA3Li	White	220 lm	3 h	0,4	20
	VVAH3	White	450 lm	3 h	0,5	20

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs





Intelligent DALI

Non-maintained

IP 40

Compatible with **NormaLINK** 







		Lm				
	VSEID	White	210 lm	1 h	0,5	20
	VVEID	White	220 lm	1 h	0,5	20
	VSEIDH	White	410 lm	1 h	0,5	20
	VVEIDH	White	415 lm	1 h	0,5	20
	VVEIDHH	White	650 lm	1 h	0,5	20
	VSEIDHH	White	650 lm	1 h	0,5	20
	VSEID3	White	210 lm	3 h	0,4	20
	VVEID3	White	220 lm	3 h	0,4	20
	VVEIDHH3	White	720 lm	3 h	0,7	20

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Maintained / Non-maintained

IP 40

		Lm				
	VSID	White	210 lm	1 h	0,6	20
LITHIUM	VSIDLi	White	220 lm	1 h	0,6	20
	VVID	White	220 lm	1 h	0,6	20
LITHIUM	VVIDLi	White	220 lm	1 h	0,6	20
	VVIDH	White	450 lm	1 h	0,5	20
	VSID3	White	210 lm	3 h	0,5	20
LITHIUM	VSID3Li	White	220 lm	3 h	0,4	20
	VVID3	White	220 lm	3 h	0,5	20
LITHIUM	VVID3Li	White	220 lm	3 h	0,4	20
	VVIDH3	White	450 lm	3 h	0,5	20

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs





Via R

Intelligent Wireless

Compatible with **NormaLINK**

Maintained / Non-maintained

IP 40




		Lm			
VSID-R	White	210 lm	1 h	0,6	20
VVIDH3-R	White	220 lm	1 h	0,8	20
VVID-R	White	220 lm	1 h	0,6	20
VSID3-R	White	210 lm	3 h	0,5	20
VVID3-R	White	220 lm	3 h	0,5	20

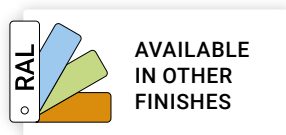
127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Central Battery System

Maintained

IP 40

		POWER SUPPLY	Lm	CONSUMPTION	CURRENT		
C24 VS-S2L24	White	24 Vcc	210 lm	2,0 W	0,083 A	0,3	20
C24 VV-S2L24	White	24 Vcc	220 lm	2,0 W	0,083 A	0,3	20
C24 VV-S2LH24	White	24 Vcc	415 lm	3,6 W	0,150 A	0,3	20
C24i VSI-S2L24	White	24 Vcc	210 lm	2,0 W	0,083 A	0,3	20
C24i VVI-S2L24	White	24 Vcc	220 lm	2,0 W	0,083 A	0,3	20
C24i VVI-S2LH24	White	24 Vcc	360 lm	4,0 W	0,167 A	0,3	20
C24i VSI-S2LH24	White	24 Vcc	360 lm	4,0 W	0,167 A	0,3	20
VS-S2L	White	230 Vca	210 lm	1,9 W	0,004 A	0,3	20
VV-S2L	White	230 Vca	220 lm	1,9 W	0,004 A	0,3	20

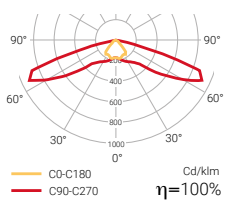


Via R | Recessed waterproof IP65

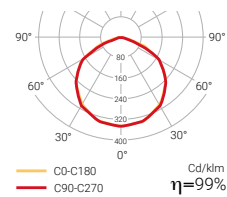


IP 65

VVS | 220 lm



VSS | 210 lm



Finishes

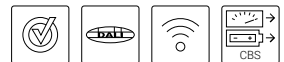
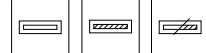
- White
- Black
Add "-4" to the White reference.
Check additional costs.

AVAILABLE IN OTHER FINISHES

LED



Lm
205-650 1/3



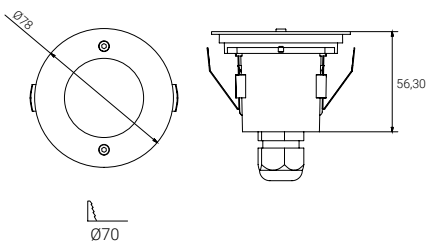
Ni-Cd

IP **65** IK **04**

230 Vac 24 Vdc

EN 60598-2-22

WATERPROOF



3000 K

Maintained LED models available at 3000°K colour temperature.
Add +W to the code.
Check additional costs.

Via R

Recessed waterproof IP65

Standard

Non-maintained





IP 65

		Lm			
VSSE	White	205 lm	1 h	0,6	6
VSSEAHH	White	650 lm	1 h	0,7	6

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Maintained / Non-maintained

IP 65





		Lm			
VSS	White	210 lm	1 h	0,9	6
VVS	White	220 lm	1 h	0,9	6
VVSH	White	450 lm	1 h	0,8	6
VSSH	White	450 lm	1 h	0,9	6
VSS3	White	210 lm	3 h	0,8	6
VVS3	White	220 lm	3 h	0,8	6
VVSH3	White	450 lm	3 h	0,8	6
VSSH3	White	450 lm	3 h	0,8	6

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Autotest

Non-maintained





IP 65

		Lm			
VVSEAH	White	415 lm	1 h	0,8	6

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Maintained / Non-maintained

IP 65

		Lm			
VSSA	White	210 lm	1 h	0,9	6
VVSA	White	220 lm	1 h	0,9	6
VVSAH	White	450 lm	1 h	0,9	6
VSSAH	White	450 lm	1 h	0,9	6
VSSAH3	White	450 lm	1 h	0,8	6
VSSAT3	White	210 lm	3 h	0,8	6
VSSA3	White	210 lm	3 h	0,8	6
VVSAT3	White	220 lm	3 h	0,8	6
VVSA3	White	220 lm	3 h	0,8	6
VVSAH3	White	450 lm	3 h	0,8	6

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Via R

Recessed waterproof IP65

Intelligent DALI

Compatible with **NormaLINK**



Non-maintained

IP 65

		Lm			
VSSEID	White	210 lm	1 h	0,8	6
VVSEID	White	220 lm	1 h	0,8	6
VSSEID3	White	210 lm	3 h	0,9	6

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Maintained / Non-maintained

IP 65

		Lm			
VSSID	White	210 lm	1 h	0,9	6
VVSSID	White	220 lm	1 h	0,9	6
VSSIDH	White	450 lm	1 h	0,9	6
VSSIDH	White	450 lm	1 h	0,9	6
VSSID3	White	210 lm	3 h	0,8	6
VVSSID3	White	220 lm	3 h	0,8	6
VSSIDH3	White	450 lm	3 h	0,8	6
VSSIDH3	White	450 lm	3 h	0,8	6

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Intelligent Wireless

Compatible with **NormaLINK**

Maintained / Non-maintained

IP 65

		Lm			
VSSID-R	White	210 lm	1 h	0,9	6
VVSSID-R	White	220 lm	1 h	0,9	6
VSSID3-R	White	210 lm	3 h	0,8	6
VVSSID3-R	White	220 lm	3 h	0,9	6

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Central Battery System

Maintained

IP 65

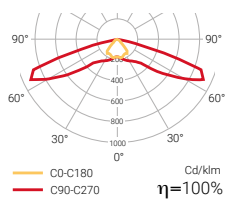
		POWER SUPPLY	Lm	CONSUMPTION	CURRENT		
C24 VSS-S2L24	White	24 Vcc	210 lm	2,0 W	0,083 A	0,6	6
C24i VSSI-S2L24	White	24 Vcc	210 lm	2,0 W	0,083 A	0,6	6
C24i VSSI-S2LH24	White	24 Vcc	360 lm	4,0 W	0,167 A	0,6	6
VVS-S2LH	White	230 Vca	340 lm	3,7 W	0,013 A	0,7	6



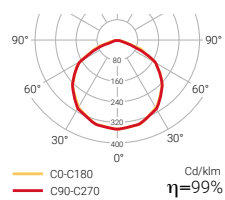


Via S surface

VMV | 220 lm | Corridors



VMS | 210 lm | Areas

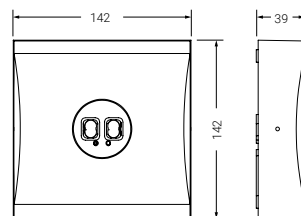


3000 K

Maintained LED models available at 3000°K colour temperature. Add +W to the code. Check additional costs.

Surface ceiling mounted VIA LED. Like the recessed version it has two different versions with different light distribution, enabling it to cover large corridors (VMV Version) or large spaces (VMS version).

With a compact, elegant and minimalist design, the SURFACE VIA LED is the definitive emergency luminaire.



Finishes

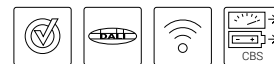
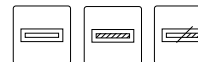
- White
- Black
Add "-4" to the White reference. Check additional costs.



CE 850°C LED



Lm **185-450** 1/3



Ni-Cd LiFePO4

IP **40** IK **04**

230 Vac 24 Vdc

EN 60598-2-22





+ Possibility of remote control.

Via S

Standard

Non-maintained





IP 40

		Lm			
VMSE	White	195 lm	1 h	0,5	20
VMVE	White	195 lm	1 h	0,5	20
VMSEH	White	410 lm	1 h	0,6	20
VMVEH	White	415 lm	1 h	0,6	20
VMSE3	White	185 lm	3 h	0,5	20
VMVE3	White	185 lm	3 h	0,5	20

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Maintained / Non-maintained

IP 40





		Lm			
VMS	White	210 lm	1 h	0,6	20
LITHIUM VMSLi	White	220 lm	1 h	0,5	20
VMV	White	220 lm	1 h	0,6	20
LITHIUM VMVLi	White	220 lm	1 h	0,5	20
VMS3	White	210 lm	3 h	0,6	20
LITHIUM VMS3Li	White	220 lm	3 h	0,6	20
VMV3	White	220 lm	3 h	0,6	20
LITHIUM VMV3Li	White	220 lm	3 h	0,6	20

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Autotest

Non-maintained





IP 40

		Lm			
VMSEA	White	195 lm	1 h	0,5	20
VMVEA	White	195 lm	1 h	0,5	20
VMSEAH	White	410 lm	1 h	0,6	20
VMVEAH	White	415 lm	1 h	0,7	20

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Maintained / Non-maintained

IP 40

		Lm			
VMSA	White	210 lm	1 h	0,6	20
LITHIUM VMSALi	White	210 lm	1 h	0,7	20
VMVA	White	220 lm	1 h	0,6	20
LITHIUM VMVALi	White	220 lm	1 h	0,7	20
VMSA3	White	210 lm	3 h	0,6	20
LITHIUM VMSA3Li	White	210 lm	3 h	0,6	20
VMVA3	White	220 lm	3 h	0,7	20
LITHIUM VMVA3Li	White	220 lm	3 h	0,6	20

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Via S

Intelligent DALI

Compatible with **NormaLINK**

Non-maintained

IP
40

		Lm			
VMSEID	White	210 lm	1 h	0,6	20
VMVEID	White	220 lm	1 h	0,6	20
VMSEIDH	White	410 lm	1 h	0,6	20
VMSEID3	White	210 lm	3 h	0,6	20
VMVEID3	White	220 lm	3 h	0,6	20

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Maintained / Non-maintained

IP
40

		Lm			
VMSID	White	210 lm	1 h	0,6	20
LITHIUM VMSIDLi	White	220 lm	1 h	0,7	20
VMVID	White	220 lm	1 h	0,6	20
LITHIUM VMVIDLi	White	220 lm	1 h	0,7	20
VMSID3	White	210 lm	3 h	0,6	20
LITHIUM VMSID3Li	White	220 lm	3 h	0,6	20
VMVID3	White	220 lm	3 h	0,6	20
LITHIUM VMVID3Li	White	220 lm	3 h	0,6	20

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Intelligent
WirelessCompatible with **NormaLINK**

Non-maintained

IP
40

		Lm			
VMVEIDH-R	White	415 lm	1 h	0,6	20
VMVEIDH3-R	White	450 lm	3 h	1,1	20

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Maintained / Non-maintained

IP
40

		Lm			
VMSID-R	White	210 lm	1 h	0,5	20
VMVID-R	White	220 lm	1 h	0,6	20
VMSID3-R	White	210 lm	3 h	0,6	20
VMVID3-R	White	220 lm	3 h	0,6	20




127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

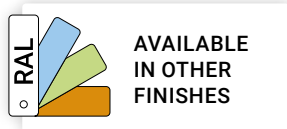
Via S

Central Battery System

Maintained

IP 40

			POWER SUPPLY	Lm	CONSUMPTION	CURRENT		
C24	VMS-S2L24	White	24 Vcc	210 lm	2,0 W	0,083 A	0,5	20
C24	VMV-S2L24	White	24 Vcc	220 lm	2,0 W	0,083 A	0,5	20
C24	VMS-S2LH24	White	24 Vcc	410 lm	3,6 W	0,150 A	0,5	20
C24	VMV-S2LH24	White	24 Vcc	415 lm	3,6 W	0,150 A	0,5	20
C24i	VMSI-S2L24	White	24 Vcc	210 lm	2,0 W	0,083 A	0,5	20
C24i	VMVI-S2L24	White	24 Vcc	220 lm	2,0 W	0,083 A	0,5	20
C24i	VMSI-S2LH24	White	24 Vcc	410 lm	4,0 W	0,167 A	0,5	20
C24i	VMVI-S2LH24	White	24 Vcc	415 lm	4,0 W	0,167 A	0,5	20
	VMS-S2L	White	230 Vca	210 lm	1,9 W	0,004 A	0,5	20
	VMV-S2L	White	230 Vca	220 lm	1,9 W	0,004 A	0,5	20

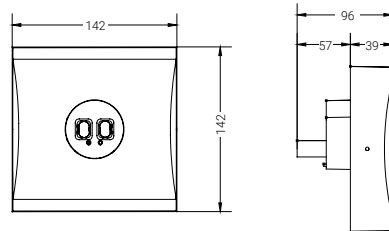
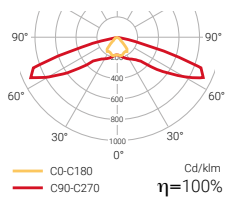


Via S | Electrified track mounting



Version to be installed in electrified track, designed according to the UNE-EN 60598.2.22

VTV | 220 lm



Lm 210-225 1/3

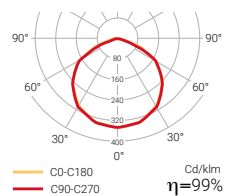


IP 40 IK 04



EN 60598-2-22

VTS | 210 lm



3000 K

Maintained LED models available at 3000°K colour temperature. Add +W to the code. Check additional costs.

Finishes

- White
- Black
Add "-4" to the White reference.
Check additional costs.

AVAILABLE IN OTHER FINISHES





Via S

Electrified track mounting

Standard

Maintained / Non-maintained

IP 40

		Lm			
VT S	White	210 lm	1 h	0,5	10
VT V	White	220 lm	1 h	0,5	10
VT S3	White	210 lm	3 h	0,6	10

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Autotest

Maintained / Non-maintained

IP 40

		Lm			
VT SA	White	210 lm	1 h	0,5	20
VT VA	White	220 lm	1 h	0,5	10

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Intelligent DALI

Compatible with **NormaLINK** 



Maintained / Non-maintained

IP 40

		Lm			
VT SID	White	210 lm	1 h	0,5	20
VT VID	White	220 lm	1 h	0,5	20





127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Intelligent Wireless

Compatible with **NormaLINK** 

Non-maintained

IP 40

		Lm			
VTVEID-R	White	225 lm	1 h	0,5	20

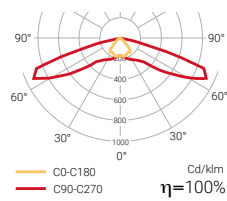
127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs



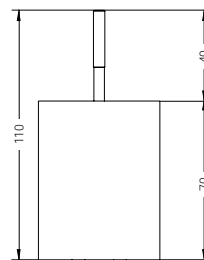
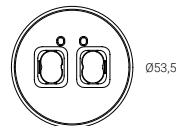
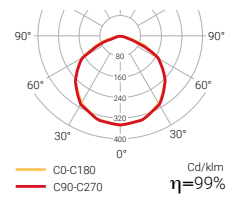
Via S | For stave ceiling



VCV | 220 lm



VCS | 210 lm



CE 850°C LED



Lm
210-220

1/3



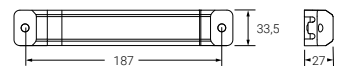
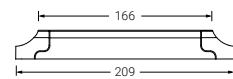
IP
40

IK
04



EN 60598-2-22

DRV VIA LED



3000 K

Maintained LED models available at 3000°K colour temperature. Add +W to the code. Check additional costs.

Finishes

○ White

● Black

Add "-4" to the White reference. Check additional costs.



Via S

For stave ceiling

Standard

Maintained / Non-maintained

IP 40




		Lm			
VCS	White	210 lm	1 h	0,8	12
VCV	White	220 lm	1 h	0,8	12
VCS3	White	210 lm	3 h	0,8	12
VCV3	White	220 lm	3 h	0,9	12

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Autotest

Maintained / Non-maintained

IP 40

		Lm			
VCSA	White	210 lm	1 h	0,8	12
VCVA	White	220 lm	1 h	0,8	12
VCSA3	White	210 lm	3 h	0,8	12
VCVA3	White	220 lm	3 h	0,8	12

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Intelligent DALI

Compatible with **NormaLINK** 



Maintained / Non-maintained

IP 40

		Lm			
VCSID	White	210 lm	1 h	0,8	12
VCVID	White	220 lm	1 h	0,8	12
VCSID3	White	210 lm	3 h	0,8	12
VCVID3	White	220 lm	3 h	0,8	12

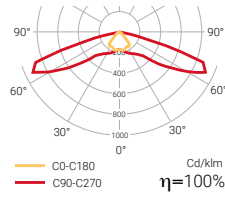
127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs



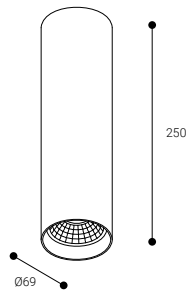
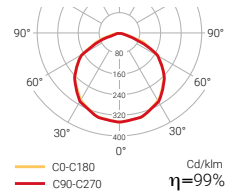
Via S | Ceiling surface mounting



VLV | 220 lm



VLS | 210 lm



CE 850°C LED



Lm
210-220

1/3



Ni-Cd

IP
40

IK
04

230 Vac



EN 60598-2-22

3000 K

Maintained LED models available at 3000°K colour temperature. Add +W to the code. Check additional costs.

Finishes

- White
- Black
Add "-4" to the White reference. Check additional costs.

RAL AVAILABLE IN OTHER FINISHES


Via S

Ceiling surface mounting

Standard

Maintained / Non-maintained

IP
40





		Lm			
VLS	White	210 lm	1 h	1,1	20
VLV	White	220 lm	1 h	1,1	20
VLS3	White	210 lm	3 h	0,8	20
VLV3	White	220 lm	3 h	0,8	20

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Autotest

Maintained / Non-maintained

IP
40

		Lm			
VLSA	White	210 lm	1 h	1,1	20
VLVA	White	220 lm	1 h	1,1	20
VLSA3	White	210 lm	3 h	0,8	20
VLVA3	White	220 lm	3 h	0,8	20

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs





Intelligent DALI

Compatible with **NormaLINK** 



Maintained / Non-maintained

IP
40

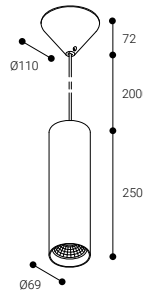
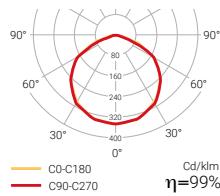
		Lm			
VLSID	White	210 lm	1 h	1,1	20
VLVID	White	220 lm	1 h	1,1	20
VLSID3	White	210 lm	3 h	0,8	20
VLVID3	White	220 lm	3 h	0,8	20

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Via S | Ceiling suspended mounting



VLSL | 210 lm



CE 850°C LED



Lm
210

1/3



IP
40

IK
04

230 Vac



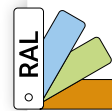
EN 60598-2-22

Finishes

White

Black

Add "-4" to the White reference.
Check additional costs.



AVAILABLE
IN OTHER
FINISHES

3000 K

Maintained LED models
available at 3000°K colour
temperature.

Add +W to the code.
Check additional costs.



Via S

Ceiling suspended mounting

Standard

Maintained / Non-maintained

IP 40

		Lm			
VSLS	White	210 lm	1 h	1,1	20
VSLS3	White	210 lm	3 h	0,8	20

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Autotest

Maintained / Non-maintained

IP 40

		Lm			
VLSA	White	210 lm	1 h	1,1	20
VLSA3	White	210 lm	3 h	0,8	20

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Intelligent DALI

Compatible with **NormaLINK** 



Maintained / Non-maintained

IP 40

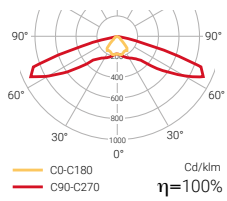
		Lm			
VSLSID	White	210 lm	1 h	0,8	20
VSLSID3	White	210 lm	3 h	0,8	20

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

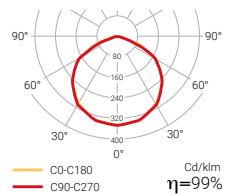


Via W wall mounted

VPV | 220 lm

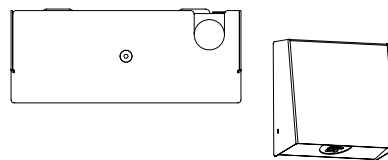
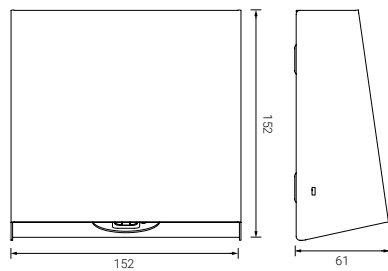


VPS | 210 lm



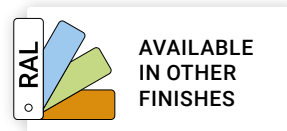
3000 K

Maintained LED models available at 3000°K colour temperature. Add +W to the code.



Finishes

- White
- Black
Add "-4" to the White reference.
Check additional costs.

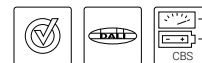


CE 850°C LED



Lm
195-220

1/3



Ni-Cd

IP
40

IK
04

230 Vac

24 Vdc



EN 60598-2-22



Possibility of remote control.

Via W

Wall mounted

Standard

Non-maintained





IP 40

		Lm			
VPVE	White	195 lm	1 h	1,8	12
VPVE3	White	195 lm	3 h	1,8	20

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Maintained / Non-maintained

IP 40

		Lm			
VPS	White	210 lm	1 h	1,9	20
VPV	White	220 lm	1 h	1,9	20
VPVW	White	200 lm	1 h	1,9	20
VPS3	White	210 lm	3 h	1,9	20
VPV3	White	220 lm	3 h	1,9	20

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Autotest

Maintained / Non-maintained

IP 40

		Lm			
VPVA	White	220 lm	1 h	1,9	20
VPVA3	White	220 lm	3 h	2,0	20
VPSA	White	210 lm	1 h	1,9	20
VPSA3	White	210 lm	3 h	2,0	20

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Intelligent DALI

Compatible with **NormaLINK** 



Non-maintained

IP 40

		Lm			
VPVEID	White	220 lm	1 h	1,8	12
VPVEID3	White	220 lm	3 h	1,9	12

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Maintained / Non-maintained

IP 40

		Lm			
VPSID	White	210 lm	1 h	1,9	20
VPVID	White	220 lm	1 h	1,9	20
VPSID3	White	210 lm	3 h	1,9	20
VPVID3	White	220 lm	3 h	1,9	20

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Central Battery System

Maintained

IP 40

		POWER SUPPLY	Lm	CONSUMPTION	CURRENT		
C24i VPVI-S2L24	White	24 Vcc	220 lm	2,0 W	0,083 A	1,8	20
C24i VPSI-S2L24	White	24 Vcc	210 lm	2,0 W	0,083 A	1,9	20

Via W | Outdoors wall mounted

IP68

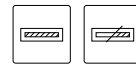


⊕ CE 850°C LED



Lm
155-175

1



IP
68

IK
10



230 Vac

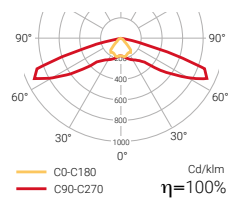


24 Vdc

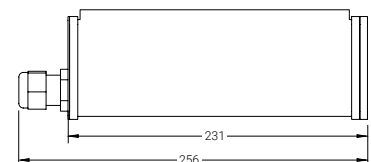
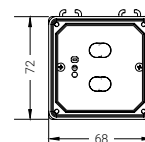
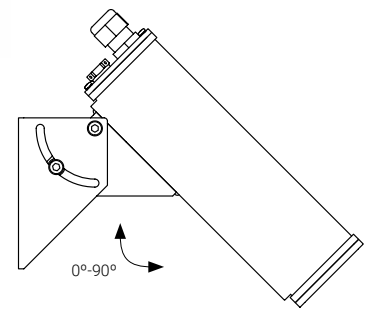
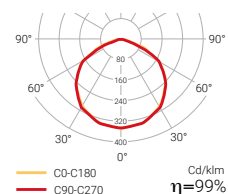


EN 60598-2-22

VPVS | 175 lm



VPSS | 165 lm

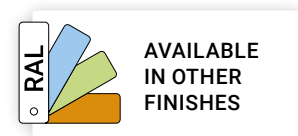


3000 K

Maintained LED models available at 3000°K colour temperature. Add +W to the code.

Finishes

- White
 - Black
- Add "-4" to the White reference. Check additional costs.



Via W

Outdoors wall mounted

Standard

Maintained / Non-maintained

IP 68





		Lm			
VPSS	White	165 lm	1 h	2,3	6
VPVS	White	175 lm	1 h	2,3	6

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Autotest

Maintained / Non-maintained

IP 68




		Lm			
VPSSA	White	165 lm	1 h	2,3	6

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Central Battery System

Maintained

IP 68

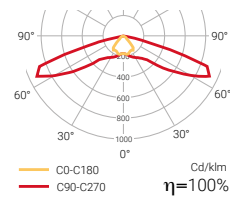
		POWER SUPPLY	Lm	CONSUMPTION	CURRENT		
C24i	VPVSI-S2L24	White	24 Vcc	165 lm	2,4 W	0,100 A	2,2 20
C24i	VPSSI-S2L24	White	24 Vcc	155 lm	2,4 W	0,100 A	2,1 20



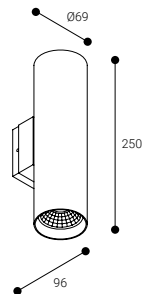
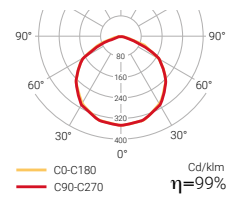
Via W | Cylindrical wall mounted



VPLV | 220 lm



VPLS | 210 lm



Finishes

- White
- Black
 Add "-4" to the White reference.
 Check additional costs.



Lm
210-220

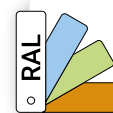
1/3



EN 60598-2-22



Maintained LED models available at 3000°K colour temperature.
 Add +W to the code.



AVAILABLE
 IN OTHER
 FINISHES





Via W

Cylindrical wall mounted

Standard

Maintained / Non-maintained

IP
40

		Lm			
VPLS	White	210 lm	1 h	1,6	20
VPLV	White	220 lm	1 h	1,6	20
VPLS3	White	210 lm	3 h	0,8	20
VPLV3	White	220 lm	3 h	2,0	20

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Autotest

Maintained / Non-maintained

IP
40

		Lm			
VPLSA	White	210 lm	1 h	1,6	20
VPLVA	White	220 lm	1 h	1,6	20
VPLSA3	White	210 lm	3 h	0,8	20
VPLVA3	White	220 lm	3 h	0,8	20

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Intelligent DALI

Compatible with **NormaLINK** 



Maintained / Non-maintained











IP
40

		Lm			
VPLSID	White	210 lm	1 h	1,6	20
VPLVID	White	220 lm	1 h	1,6	20
VPLSID3	White	210 lm	3 h	0,8	20
VPLVID3	White	220 lm	3 h	0,8	20

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Via Accessories

ACCESSORIES COMPATIBILITY

			Blade diffuser	Recession frames	Fixing supports	Pictograms
Via R recessed	Recessed		V-DB V-DBL	V-R V-RR	—	PV PVL
			—	—	—	—
Via S surface	Surface mounting		V-DB V-DBL	—	V-SB	PV PVL
	Electrified track mounting		V-DB V-DBL	—	—	PV PVL
	For stave ceiling		V-DB V-DBL	—	—	PV PVL
	Ceiling surface mounting		V-DB V-DBL	—	—	PV PVL
	Ceiling suspended mounting		V-DB V-DBL	—	—	PV PVL
Via W wall	Wall		—	—	—	—
	Outdoors wall mounted		—	—	—	—
	Cylindrical wall mounted		—	—	—	PV PVL

Via Accessories

Blade diffuser



Pictogram not included

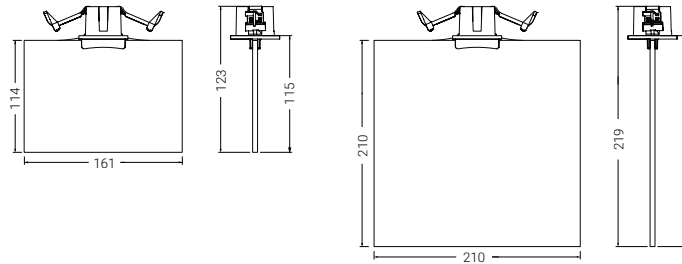
V-DB Blade diffuser. Dimensions 161 x 114 mm. To be used with pictograms code PV.

PACKAGING

16

V-DBL Blade diffuser. Dimensions 210 x 210 mm. To be used with pictograms code PVL.

20



Recession frames



V-R



V-RR

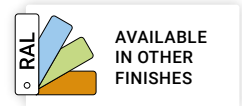
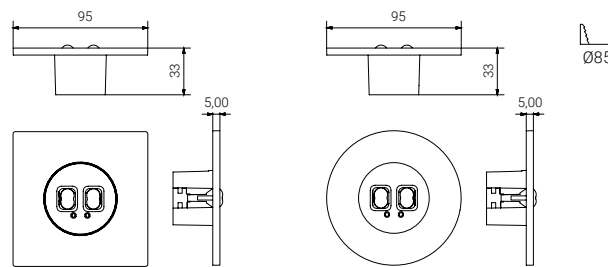
V-R 95 x 95 mm white square frame for the VIA embedded range. Allows lower installation height (65mm).

PACKAGING

20

V-RR 95 x 95 mm white round frame for the VIA embedded range. Allows lower installation height (65mm).

30



AVAILABLE
IN OTHER
FINISHES

! Recession frames not compatible with the IP65 version of VIA R.

Fixing supports

V-SB Wall mounting accessory. Only compatible with VIA LED surface mounted fittings

PACKAGING

20

Pictograms

Type PV Non adhesive pictogram 160 x 105 mm. *References according to table below*

Type PVL Non adhesive pictogram 210 x 210 mm. *References according to table below*

Type PV 160 x 105 mm



Maximum viewing distance
(according to EN1838 for
internally illuminated signs)

21 m

Type PVL 210 x 210 mm



Maximum viewing distance
(according to CTE)

10 m

! Please check for other pictograms

DUNNA

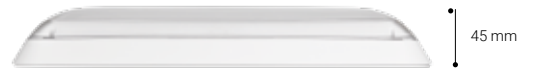
Renewed safety

More compact
More efficient
Easier to install

The Dunna range has earned your trust for more than half a century and now it has been renewed to offer you an even easier installation, more efficiency, compatibility and a smoother, more modern and lighter design.

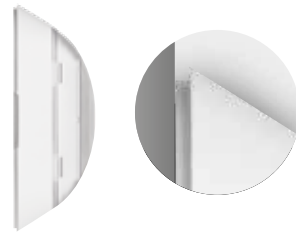
Design

MORE COMPACT



Smoother lines

The new Dunna eliminates the lines in the base and offers a more pure and light design.



Looks like it is floating

The setback in the base makes the fitting look like it is floating once it has been installed.



Sustainability

Efficient and responsible

The new optic makes it possible to use less energy, and the intermediate hidden plastic piece prevents light losses. An efficient luminaire for a more sustainable world.



Installation

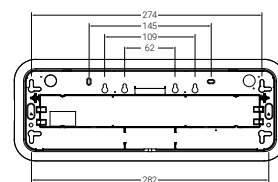
Even easier installation

The new Duna beats its best known feature: an extra plastic piece in the terminal block leads the wire in effortlessly, making an easier and safer connection.



More compatibility

The new Dunna is compatible with most emergency lighting fittings in the market, making it very easy to change other brands' emergency fittings.



! MAXIMUM INSTALLATION COMPATIBILITY

Accessories

New recession frame that allows the installation on technical ceiling or plasterboard **wall**.



D-MEL

New waterproof box with higher IP rating.



D-MS

New recession box for mounting on a brick wall.



D-MEP

New blade diffuser to signal manual call points for fire.



D-DBL

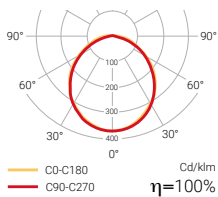


Dunna

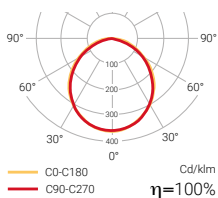


Some versions compliant with French Regulation

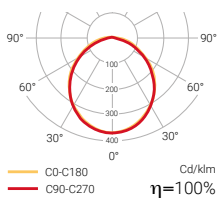
Non-maintained multiled



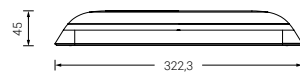
Maintained led



Maintained multiled

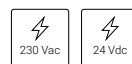
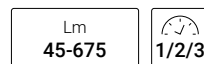
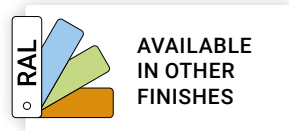


DUNNA product range reflects the experience obtained from manufacturing emergency lighting for almost half a century; it is one of our classic and most successful luminaires but it is constantly evolving. The latest LED technology and an avant-garde redesign to adapt it to modern times.



Finishes

- White
- Anthracite
Add "-1" to the White reference.
Check additional costs.
- Aluminium
Add "-2" to the White reference.
Check additional costs.



+ Power supply: 127 V · 50/60 Hz.



Maintained LED models available at 3000°K colour temperature. Add +W to the code. Check additional costs.

! Opal diffuser available. (Check additional costs).

Dunna

Standard

Non-maintained MULTILED

IP
44

		Lm			
D-30L	White	45 lm	1 h	0,5	20
D-60L	White	60 lm	1 h	0,5	20
D-100L	White	110 lm	1 h	0,5	20
D-150L	White	140 lm	1 h	0,5	20
D-200L	White	200 lm	1 h	0,5	20
D-300L	White	330 lm	1 h	0,5	20
D-400L	White	400 lm	1 h	0,6	20
D-500L	White	480 lm	1 h	0,6	20
D-600L	White	580 lm	1 h	0,7	20
D2-200L	White	200 lm	2 h	0,6	20
D2-300L	White	300 lm	2 h	0,7	20
D2-400L	White	410 lm	2 h	0,7	20
D2-500L	White	530 lm	2 h	0,7	20
D3-60L	White	60 lm	3 h	0,5	20
D3-200L	White	200 lm	3 h	0,6	20
D3-300L	White	310 lm	3 h	0,7	20





IP
42

D-700L	White	675 lm	1 h	0,8	20
D3-400L	White	400 lm	3 h	0,8	20

Available in 127v AC 50/60Hz. Indicate reference + V. Check additional costs
 Available in 24v DC. Indicate reference + C. Check additional costs

Maintained LED

IP
44

		Lm			
DL-100	White	130 lm	1 h	0,5	20
DL-150	White	170 lm	1 h	0,5	20
DL-200	White	230 lm	1 h	0,5	20
DL-300	White	360 lm	1 h	0,5	20
DL-400	White	400 lm	1 h	0,6	20
DL2-200	White	270 lm	2 h	0,5	20
DL3-100	White	120 lm	3 h	0,6	20
DL3-300	White	335 lm	3 h	0,7	20





IP
42

DL-500	White	480 lm	1 h	0,8	20
DL3-60	White	60 lm	3 h	0,6	20

Available in 127v AC 50/60Hz. Indicate reference + V. Check additional costs
 Available in 24v DC. Indicate reference + C. Check additional costs

Maintained MULTILED

IP
44

		Lm			
DL-60M	White	70 lm	1 h	0,5	20
DL-150M	White	145 lm	1 h	0,5	20
DL-200M	White	170 lm	1 h	0,5	20
DL-300M	White	325 lm	1 h	0,6	20
DL3-150M	White	160 lm	3 h	0,6	20

Available in 127v AC 50/60Hz. Indicate reference + V. Check additional costs
 Available in 24v DC. Indicate reference + C. Check additional costs

Dunna

Autotest

3000°K

Maintained LED models available at 3000°K colour temperature. Add +W to the code.

Check additional costs.

Non-maintained MULTILED

IP
44





		Lm			
DA-60L	White	70 lm	1 h	0,5	20
DA-100L	White	135 lm	1 h	0,5	20
DA-150L	White	145 lm	1 h	0,5	20
DA-200L	White	195 lm	1 h	0,5	20
DA-300L	White	290 lm	1 h	0,5	20
DA-400L	White	390 lm	1 h	0,6	20
DA-500L	White	490 lm	1 h	0,6	20
DA-600L	White	650 lm	1 h	0,7	20
DA2-200L	White	210 lm	2 h	0,5	20
DA2-300L	White	290 lm	2 h	0,6	20
DA2-400L	White	400 lm	2 h	0,7	20
DA3-100L	White	100 lm	3 h	0,5	20
DA3-200L	White	180 lm	3 h	0,6	20
DA3-300L	White	290 lm	3 h	0,7	20
DA3-500L	White	520 lm	3 h	0,8	20

Available in 127v AC 50/60Hz. Indicate reference + V. Check additional costs

Available in 24v DC. Indicate reference + C. Check additional costs

Maintained MULTILED

IP
44

		Lm			
DAL-60M	White	85 lm	1 h	0,5	20
DAL-100M	White	92 lm	1 h	0,5	20
DAL-200M	White	210 lm	1 h	0,5	20
DAL-300M	White	300 lm	1 h	0,5	20
DAL2-200M	White	200 lm	2 h	0,5	20
DAL3-100M	White	120 lm	3 h	0,5	20
DAL3-200M	White	200 lm	3 h	0,6	20

Available in 127v AC 50/60Hz. Indicate reference + V. Check additional costs

Available in 24v DC. Indicate reference + C. Check additional costs







Dunna

Intelligent DALI

Compatible with **NormaLINK** 

Non-maintained MULTILED





IP
44

		Lm			
DID-100L	White	140 lm	1 h	0,5	20
DID-200L	White	190 lm	1 h	0,5	20
DID-300L	White	300 lm	1 h	0,5	20
DID-400L	White	410 lm	1 h	0,6	20
DID-500L	White	500 lm	1 h	0,6	20
DID2-200L	White	200 lm	2 h	0,5	20
DID3-200L	White	200 lm	3 h	0,6	20
DID3-300L	White	310 lm	3 h	0,5	20

Available in 127v AC 50/60Hz. Indicate reference + V. Check additional costs
 Available in 24v DC. Indicate reference + C. Check additional costs

Maintained MULTILED

IP
44




		Lm			
DIDL-100M	White	95 lm	1 h	0,5	20
DIDL-200M	White	180 lm	1 h	0,5	20
DIDL-300M	White	280 lm	1 h	0,5	20
DIDL2-200M	White	215 lm	2 h	0,5	20
DIDL3-100M	White	120 lm	3 h	0,5	20

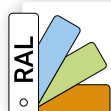
Available in 127v AC 50/60Hz. Indicate reference + V. Check additional costs
 Available in 24v DC. Indicate reference + C. Check additional costs

Central Battery System

Maintained MULTILED

IP
44

		POWER SUPPLY	Lm	CONSUMPTION	CURRENT		
C24 D-S32L24	White	24 Vcc	330 lm	3,5 W	0,146 A	0,5	20
C24i DI-S32L24	White	24 Vcc	330 lm	3 W	0,125 A	0,4	20
D-S3L	White	230 Vca	300 lm	3,3 W	0,007 A	0,4	20



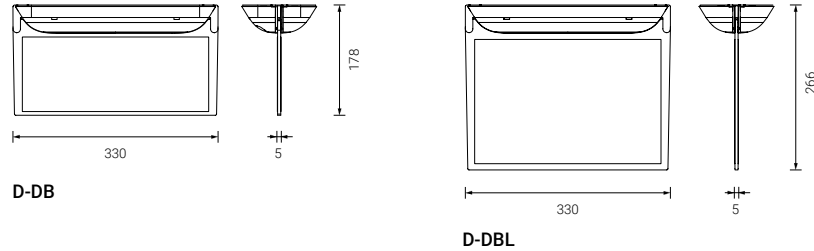
AVAILABLE
IN OTHER
FINISHES

Dunna Accessories

Diffuser blade



		PACKAGING
D-DB	Blade diffuser. Dimensions 332x132 mm	20
D-DBL	Long blade diffuser. Dimensions 332x243 mm To be used with pictograms code PDUL	12



Recession frames

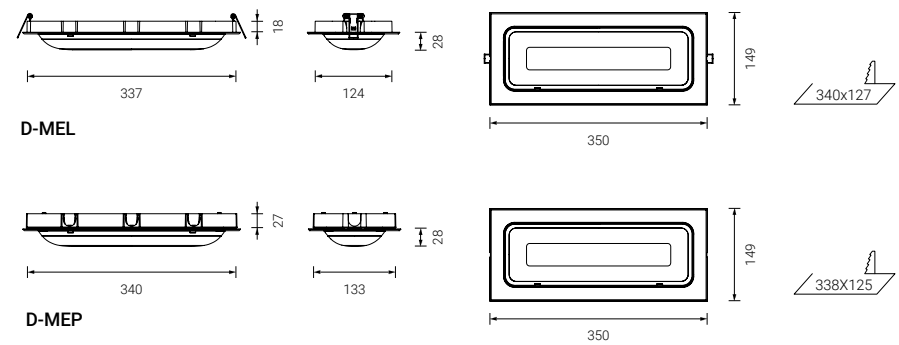


D-MEL



D-MEP

		PACKAGING
D-MEL	Recession frame for ceiling or laminated plasterboard. White colour	20
D-MEP	Recession box and frame kit for wall installation. White colour	20



Recession frames with diffuser blade

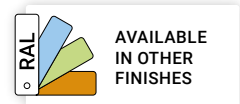
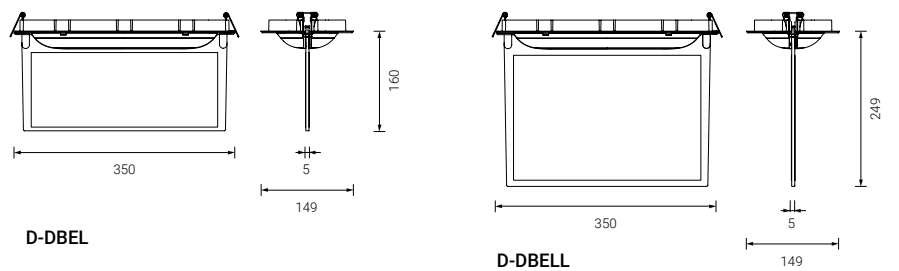


D-DBEL



D-DBELL

		PACKAGING
D-DBEL	Recession box for ceiling and blade diffuser. To be used with pictograms code N and LN. White colour	12
D-DBELL	Recession box for ceiling and long blade diffuser. To be used with pictograms code PDUL. White colour	12



Dunna Accessories

Assembly adaptors



D-AT Adapter for mounting a metric 20 tube

PACKAGING

20



IP66 / IP65 Housings



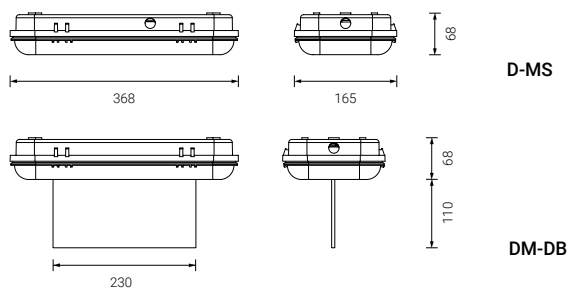
D-MS

D-MS IP66 IK10 box
DM-DB IP65 IK07 box with blade diffuser

PACKAGING

20

20



Fixing supports

U-SBL Wall fixation for DUNNA range fittings
U-AV Antivandalic enclosure
D-KS Suspension kit for Dunna range, 300 mm

Remote controls

S-TE Remote control for up to 300 fittings standard or autotest

Pictograms

Type N Adhesive pictogram 150 x 90 mm. *References according to table below*
Type LN Adhesive pictogram 230 x 110 mm. Only for use in the flag diffuser DM-DB. *References according to table below*
Type PDU Non adhesive pictogram 300 x 120 mm. Only for use in the flag diffuser D-DB / D-DBEL. *References according to table below*
Type PDUL Non adhesive pictogram 210 x 210 mm. *References according to table below*

Type N 150 x 90 mm



Maximum viewing distance
(according to EN1838 for
internally illuminated signs)

18 m

Type LN 230 x 110 mm



Maximum viewing distance
(according to EN1838 for
internally illuminated signs)

22 m

Type PDU 300 x 120 mm



Maximum viewing distance
(according to EN1838 for
internally illuminated signs)

24 m

Type PDUL 210 x 210 mm



Maximum viewing distance
(according to CTE)

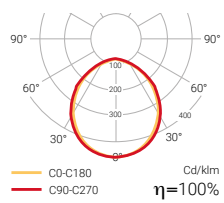
10 m

Please check for other pictograms

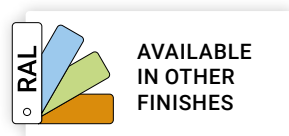
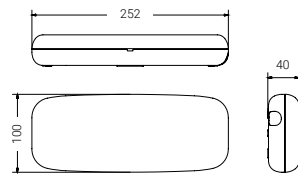


Stylo

Maintained / Non-maintained multiled



The STYLO luminaire upgrades the concept of simplicity to a higher level. It is the ideal luminaire to meet basic emergency lighting needs with an attractive design.

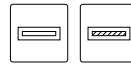


CE 850°C LED



Lm
40-500

1/2/3



Ni-Cd/
Ni-MH

IP **44** IK **04**

230 Vac







EN 60598-2-22

Stylo

Standard

Non-maintained





IP
44

		Lm			
S-30L	White	40 lm	1 h	0,4	20
S-60L	White	70 lm	1 h	0,4	20
S-100L	White	115 lm	1 h	0,4	20
S-150L	White	145 lm	1 h	0,4	20
S-200L	White	195 lm	1 h	0,4	20
S-300L	White	320 lm	1 h	0,4	20
S-400L	White	385 lm	1 h	0,4	20
S-500L	White	500 lm	1 h	0,4	20
S2-200L	White	270 lm	2 h	0,4	20
S3-100L	White	125 lm	3 h	0,4	20

Available in 127v AC 50/60Hz. Indicate reference + V. Check additional costs
Available in 24v DC. Indicate reference + C. Check additional costs

Maintained

IP
44





		Lm			
SL-60M	White	80 lm	1 h	0,4	20
SL-150M	White	160 lm	1 h	0,4	20
SL-200M	White	195 lm	1 h	0,4	20
SL-300M	White	280 lm	1 h	0,4	20
SL-400M	White	375 lm	1 h	0,4	20
SL3-100M	White	105 lm	3 h	0,4	20

Available in 127v AC 50/60Hz. Indicate reference + V. Check additional costs
Available in 24v DC. Indicate reference + C. Check additional costs

Autotest

Non-maintained





IP
44

		Lm			
SA-60L	White	70 lm	1 h	0,4	20
SA-100L	White	125 lm	1 h	0,4	20
SA-150L	White	160 lm	1 h	0,4	20
SA-200L	White	195 lm	1 h	0,4	20
SA-300L	White	290 lm	1 h	0,4	20
SA-400L	White	440 lm	1 h	0,4	20
SA-500L	White	495 lm	1 h	0,4	20
SA2-150L	White	160 lm	2 h	0,4	20
SA3-200L	White	185 lm	3 h	0,4	20

Available in 127v AC 50/60Hz. Indicate reference + V. Check additional costs
Available in 24v DC. Indicate reference + C. Check additional costs

Maintained

IP
44

		Lm			
SAL-60M	White	75 lm	1 h	0,4	20
SAL-150M	White	160 lm	1 h	0,4	20
SAL-200M	White	195 lm	1 h	0,4	20
SAL-300M	White	290 lm	1 h	0,4	20

Available in 127v AC 50/60Hz. Indicate reference + V. Check additional costs
Available in 24v DC. Indicate reference + C. Check additional costs

Stylo Accessories

Blade diffuser

S-DB	Blade diffuser. Compatible with all the fittings of the STYLO range.
S-DBE	Embedded mounted blade diffuser. Compatible with all the fittings for the STYLO range using the S-ME accessorie.
S-DBP	Wall mounted blade diffuser (surface mounted). Compatible with all the fittings of the STYLO range.
S-DBPE	Wall mounted blade diffuser Compatible with all the fittings for the STYLO range using the S-ME accessory

STYLO + S-DB + Pictogram Type PD



STYLO + S-ME + S-DBE + Pictogram Type PD



STYLO + S-DBP + Pictogram Type LN



STYLO + S-ME + S-DBPE + Pictogram Type LN

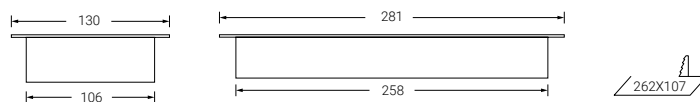


Recession frames



Valid for ceilings and concrete walls

S-ME	Recessed mounting frame for the STYLO range	PACKAGING 20
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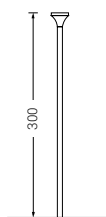


Wall and ceiling mounting accessories

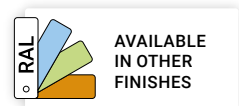
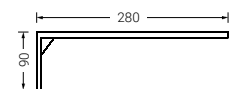
S-KS	Ceiling suspension with 300 mm with aluminium rod (2 units)
U-SBC	Wall fixation bracket



S-KS



U-SBC + S-DB



Stylo Accessories

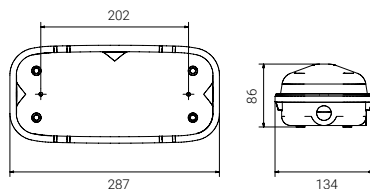
Waterproof box



S-MS IP65 IK07 box for the STYLO range

PACKAGING

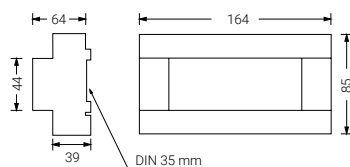
20



Remote controls



S-TE Remote control for up to 300 fittings standard or autotest



Pictograms

Type PD Non adhesive pictogram 240 x 120 mm. *References according to table below*

Type PD 240 x 120 mm



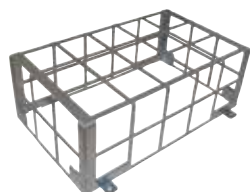
Maximum viewing distance
(according to EN1838 for
internally illuminated signs)

24 m



Please check for other pictograms

Antivandalic enclosure

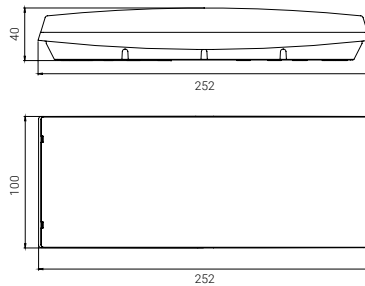
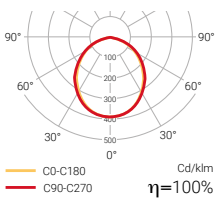


U-AV Universal antivandalic enclosure 37 x 19.8 x 9 cm

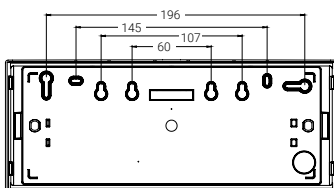


New
waterproof box
IP68

GS



RAL
AVAILABLE
IN OTHER
FINISHES



! MAXIMUM INSTALLATION
COMPATIBILITY



Lm
70-500 1/2/3



IP **44** IK **07**



EN 60598-2-22

+ Remote controlled

GS

Standard

Non-maintained





IP
44

		Lm			
G-60L	White	70 lm	1 h	0,3	30
G-100L	White	110 lm	1 h	0,3	30
G-150L	White	150 lm	1 h	0,3	30
G-200L	White	210 lm	1 h	0,3	30
G-300L	White	325 lm	1 h	0,4	30
G-400L	White	400 lm	1 h	0,4	30
G-500L	White	500 lm	1 h	0,4	30
G2-100L	White	126 lm	2 h	0,3	30
G2-300L	White	305 lm	2 h	0,4	30
G3-100L	White	130 lm	3 h	0,4	30
G3-200L	White	200 lm	3 h	0,4	30

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Maintained

IP
44





		Lm			
GL-60	White	80 lm	1 h	0,3	30
GL-100	White	100 lm	1 h	0,3	30
GL-150	White	170 lm	1 h	0,3	30
GL-200	White	200 lm	1 h	0,3	30
GL-300	White	300 lm	1 h	0,4	30
GL-400	White	400 lm	1 h	0,4	30
GL3-100	White	110 lm	3 h	0,4	30

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Autotest

Non-maintained





IP
44

		Lm			
GA-60L	White	70 lm	1 h	0,3	30
GA-100L	White	130 lm	1 h	0,3	30
GA-150L	White	170 lm	1 h	0,3	30
GA-200L	White	200 lm	1 h	0,3	30
GA-300L	White	310 lm	1 h	0,4	30
GA-300L-MH	White	310 lm	1 h	0,4	30
GA-400L	White	465 lm	1 h	0,4	30
GA-500L	White	500 lm	1 h	0,4	30
GA2-150L	White	170 lm	2 h	0,4	30
GA2-300L	White	310 lm	2 h	0,4	30
GA3-200L	White	195 lm	3 h	0,4	30

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Maintained

IP
44

		Lm			
GAL-60	White	75 lm	1 h	0,3	20
GAL-150	White	155 lm	1 h	0,3	30
GAL-200	White	190 lm	1 h	0,3	30
GAL-300	White	310 lm	1 h	0,3	30

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

GS

Central Battery System



Maintained

IP 44

		POWER SUPPLY	Lm	CONSUMPTION	CURRENT		
G-S16L	White	230 Vca	200 lm	2,4 W	0,002 A	0,3	30

Accessories

Blade diffuser

- G-DB** Blade diffuser. Compatible with all the fittings of the GS range.
- G-DBE** Embedded mounted blade diffuser. Compatible with all the fittings for the GS range using the G-ME accessory.
- G-DBP** Wall mounted blade diffuser (surface mounted). Compatible with all the fittings of the GS range.
- G-DBPE** Wall mounted blade diffuser (embedded mounted). Compatible with all the fittings for the GS range using the G-ME accessory.

GS + G-DB + Pictogram Type PD



GS + G-ME + G-DBE + Pictogram Type PD



GS + G-DBP + Pictogram Type LN

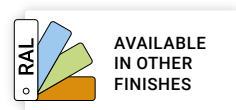
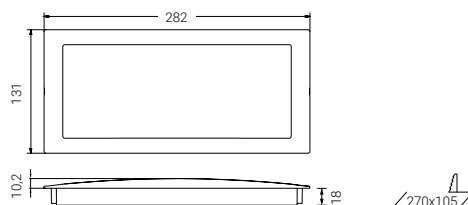


GS + G-ME + G-DBPE + Pictogram Type LN



Recession frames

G-ME Recession frame for GS luminaires. White colour

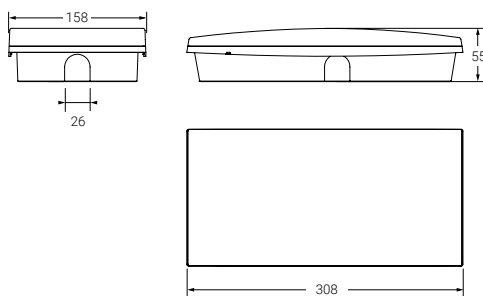


GS Accessories

Waterproof housing kit

G-AMS IP65 kit (watertight rubber, PG7 cable gland and joints for screws)

G-MS IP68 IK08 box for the GS range

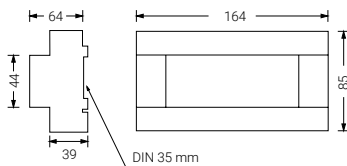


Adapter

O-AT M20 tube mounting accessory. It does not keep IP67

Remote controls

S-TE Remote control for up to 300 fittings standard or autotest



Pictograms

Type PD Non adhesive pictogram 240 x 120 mm. *References according to table below*

Type PD 240 x 120 mm



Maximum viewing distance
(according to EN1838 for
internally illuminated signs)

24 m



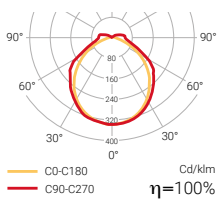
Please check for other pictograms



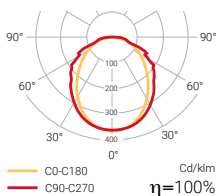
Up to 1200
lumen output

Hermetic

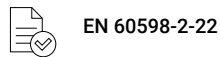
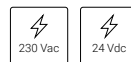
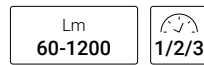
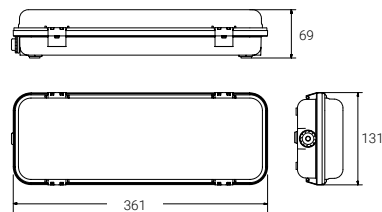
Maintained led




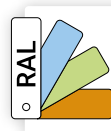
Maintained / Non-maintained multiled




The HERMETIC range has been designed to guarantee function in the most demanding buildings. Its IP65 combined with a wide range of versions makes it the perfect choice for large industrial areas, tunnels or car parks.



 New improved optics

 AVAILABLE
IN OTHER
FINISHES





 Remote controlled

Hermetic

Standard

Non-maintained





IP
65

		Lm			
DE-60L	White	60 lm	1 h	0,7	20
DE-100L	White	110 lm	1 h	0,8	20
DE-150L	White	140 lm	1 h	0,8	20
DE-200L	White	200 lm	1 h	0,8	20
DE-300L	White	330 lm	1 h	0,8	20
DE-400L	White	400 lm	1 h	0,8	20
DE-500L	White	500 lm	1 h	0,9	20
DE-600L	White	620 lm	1 h	0,9	20
DE-1100L	White	1200 lm	1 h	1,0	20
DE2-200L	White	200 lm	2 h	0,8	20
DE2-400L	White	410 lm	2 h	0,9	20
DE2-500L	White	530 lm	2 h	0,9	20
DE3-60L	White	60 lm	3 h	0,8	20
DE3-200L	White	200 lm	3 h	0,8	20
DE3-300L	White	280 lm	3 h	0,9	20
DE3-400L	White	400 lm	3 h	1,0	20
DE3-500L	White	480 lm	3 h	1,0	20

Available in 127v AC 50/60Hz. Indicate reference + V. Check additional costs
24Vcc also available upon request. Indicate reference + C. Check additional costs

Maintained





IP
65

		Lm			
DEL-100	White	110 lm	1 h	0,8	20
DEL-150	White	150 lm	1 h	0,8	20
DEL-200	White	200 lm	1 h	0,8	20
DEL-300	White	330 lm	1 h	0,8	20
DEL-400	White	395 lm	1 h	0,8	20
DEL-500	White	480 lm	1 h	1,0	20
DEL2-200	White	270 lm	2 h	0,8	20
DEL3-100	White	120 lm	3 h	0,8	20

Available in 127v AC 50/60Hz. Indicate reference + V. Check additional costs
24Vcc also available upon request. Indicate reference + C. Check additional costs

Maintained MULTILED

IP
65

		Lm			
DEL-60M	White	70 lm	1 h	0,7	20
DEL-150M	White	145 lm	1 h	0,8	20
DEL-200M	White	170 lm	1 h	0,8	20
DEL-300M	White	325 lm	1 h	0,8	20
DEL2-200M	White	240 lm	2 h	0,8	20





Available in 127v AC 50/60Hz. Indicate reference + V. Check additional costs
24Vcc also available upon request. Indicate reference + C. Check additional costs

Hermetic

Autotest

Non-maintained





IP
65

		Lm			
DEA-60L	White	70 lm	1 h	0,7	20
DEA-100L	White	110 lm	1 h	0,7	20
DEA-150L	White	145 lm	1 h	0,7	20
DEA-200L	White	195 lm	1 h	0,7	20
DEA-300L	White	290 lm	1 h	0,8	20
DEA-400L	White	390 lm	1 h	0,8	20
DEA-500L	White	490 lm	1 h	0,8	20
DEA-600L	White	580 lm	1 h	1,0	20
DEA2-200L	White	210 lm	2 h	0,8	20
DEA3-200L	White	180 lm	3 h	0,8	20
DEA3-500L	White	525 lm	3 h	1,0	20

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Maintained

IP
65

		Lm			
DEAL-100M	White	92 lm	1 h	0,7	20
DEAL-200M	White	210 lm	1 h	0,8	20
DEAL-300M	White	300 lm	1 h	0,8	20
DEAL2-200M	White	200 lm	2 h	0,8	20
DEAL3-100M	White	100 lm	3 h	0,8	20





127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Intelligent DALI

Compatible with **NormaLINK** 

Non-maintained





IP
65

		Lm			
DEID-100L	White	140 lm	1 h	0,8	20
DEID-200L	White	190 lm	1 h	0,8	20
DEID-300L	White	300 lm	1 h	0,8	20
DEID-400L	White	410 lm	1 h	0,8	20
DEID-500L	White	500 lm	1 h	0,8	20
DEID2-200L	White	200 lm	2 h	0,8	20
DEID2-300L	White	295 lm	2 h	0,8	20
DEID3-200L	White	205 lm	3 h	0,8	20
DEID3-400L	White	480 lm	3 h	1,0	20
DEID3-500L	White	490 lm	3 h	1,0	20

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Maintained

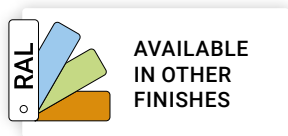
IP
65

		Lm			
DEIDL-100M	White	92 lm	1 h	0,7	20
DEIDL-200M	White	210 lm	1 h	0,7	20
DEIDL-300M	White	300 lm	1 h	0,8	20
DEIDL2-200M	White	200 lm	2 h	0,8	20
DEIDL3-100M	White	100 lm	3 h	0,8	20

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Hermetic

Central Battery System



Maintained

IP 65

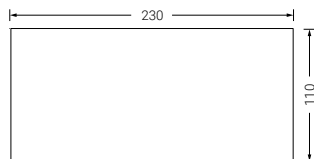
			POWER SUPPLY	Lm	CONSUMPTION	CURRENT		
C24	DE-S32L24	White	24 Vcc	300 lm	3,5 W	0,146 A	0,7	20
C24	DE-S32LH24	White	24 Vcc	450 lm	7,0 W	0,292 A	0,7	20
C24i	DEI-S32L24	White	24 Vcc	250 lm	2,5 W	0,104 A	0,7	20
C24i	DEI-S32LH24	White	24 Vcc	450 lm	7,0 W	0,292 A	0,7	20
	DE-S3L	White	230 Vca	300 lm	3,3 W	0,007 A	0,7	20

Accessories

Blade diffuser



DE-DB Blade diffuser with PVC screws for the HERMETIC range

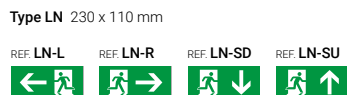


Remote controls

S-TE Remote control for up to 300 fittings standard or autotest

Pictograms

Type LN Adhesive pictogram 230 x 110 mm. *References according to table below*



Maximum viewing distance
(according to EN1838 for
internally illuminated signs)

22 m

Please check for other pictograms

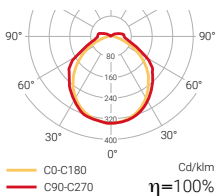
Antivandalic enclosure

U-AV Universal antivandalic enclosure 37 x 19.8 x 9 cm

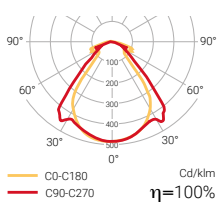


Hermetic EX

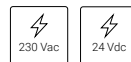
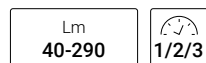
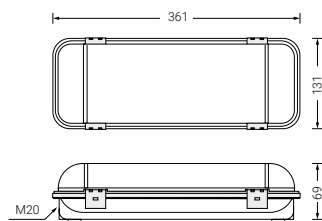
Maintained led



Non-maintained multiled



Version of the emergency luminaire HERMETIC that can be used in Category 3 locations according to ATEX 2014/34/UE.



⊕ Can be used in locations designated Category 3 in accordance with Directive ATEX 2014/34/UE.





Zones 2, 22

Hermetic EX

Standard

Non-maintained





IP 65

		Lm			
DE-60LEX	White	40 lm	1 h	0,7	20
DE-100LEX	White	55 lm	1 h	0,8	20
DE-150LEX	White	65 lm	1 h	0,8	20
DE-200LEX	White	105 lm	1 h	0,8	20
DE-300LEX	White	165 lm	1 h	0,8	20
DE-400LEX	White	230 lm	1 h	0,8	20
DE-500LEX	White	290 lm	1 h	0,9	20
DE3-60LEX	White	60 lm	3 h	0,8	20
DE3-200LEX	White	105 lm	3 h	0,8	20

Available in 127v AC 50/60Hz. Indicate reference + V. Check additional costs
 Available in 24v DC. Indicate reference + C. Check additional costs

Maintained

IP 65





		Lm			
DEL-60EX	White	40 lm	1 h	0,7	20
DEL-150EX	White	100 lm	1 h	0,8	20
DEL-200EX	White	170 lm	1 h	0,8	20
DEL-300EX	White	185 lm	1 h	0,8	20
DEL2-200EX	White	150 lm	2 h	0,7	20
DEL3-100EX	White	70 lm	3 h	0,8	20

Available in 127v AC 50/60Hz. Indicate reference + V. Check additional costs
 Available in 24v DC. Indicate reference + C. Check additional costs

Autotest

Non-maintained




IP 65

		Lm			
DEA-200LEX	White	105 lm	1 h	0,7	20

Central Battery System

Maintained

IP 65

		POWER SUPPLY	Lm	CONSUMPTION	CURRENT		
C24 DE-S32L24EX	White	24 Vcc	200 lm	10,2 W	0,425 A	0,7	20

Accessories

Blade diffuser

DE-DB Blade diffuser with PVC screws for the HERMETIC EX range

Remote controls

S-TE Remote control for up to 300 fittings standard or autotest

Pictograms

Type LN Adhesive pictogram 230 x 110 mm. *References according to table below*

Type LN 230 x 110 mm



Maximum viewing distance
(according to EN1838 for internally illuminated signs)

22 m

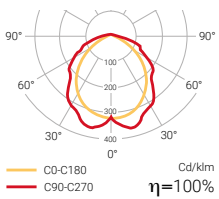


Smart

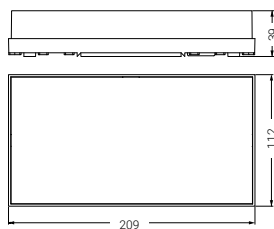


Some versions compliant with French Regulation

Maintained / Non-maintained multiled



SMART is a range of emergency luminaires designed to be adapted to any type of installation thanks to their stylish minimalist lines, their versatility and their ease of installation.



! Quick assembly

RAL
AVAILABLE IN OTHER FINISHES



Lm
70-400
 1/2/3



Ni-Cd

IP **42** IK **07**

230 Vac 24 Vdc



EN 60598-2-22



+ Remote controlled

Smart

Standard

Non-maintained

IP
42

		Lm			
SS-100L	White	70 lm	1 h	0,4	20
SS-200L	White	190 lm	1 h	0,4	20
SS-300L	White	330 lm	1 h	0,5	20
SS-400L	White	400 lm	1 h	0,5	20
SS2-300L	White	260 lm	2 h	0,5	20
SS3-100L	White	100 lm	3 h	0,4	20

Maintained





IP
42

		Lm			
SSL-100	White	130 lm	1 h	0,4	20
SSL-200	White	220 lm	1 h	0,5	20
SSL-300	White	270 lm	1 h	0,5	20
SSL3-100	White	100 lm	3 h	0,4	20

Autotest





Non-maintained

IP
42

		Lm			
SSA-100L	White	70 lm	1 h	0,5	20
SSA-200L	White	190 lm	1 h	0,5	20
SSA-300L	White	300 lm	1 h	0,6	20
SSA2-300L	White	350 lm	2 h	0,6	20
SSA3-100L	White	120 lm	3 h	0,5	20

Maintained / Non-maintained

IP
42

		Lm			
SSAL-100	White	130 lm	1 h	0,4	20
SSAL-200	White	230 lm	1 h	0,4	20
SSAL-300	White	320 lm	1 h	0,4	20
SSAL3-100	White	115 lm	3 h	0,4	20

DALI

Non-maintained

IP
42




		Lm			
SSID-100L	White	150 lm	1 h	0,4	20
SSID-200L	White	200 lm	1 h	0,5	20
SSID-300L	White	330 lm	1 h	0,6	20

Smart

Central Battery System

Maintained

IP 42

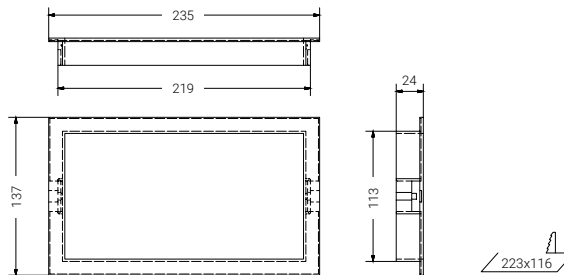
			POWER SUPPLY	Lm	CONSUMPTION	CURRENT		
C24	SS-S24L24	White	24 Vcc	300 lm	2,9 W	0,121 A	0,3	20
C24	SS-S24L24-F	White	24 Vcc	310 lm	2,9 W	0,121 A	0,3	20
C24i	SSI-S24L24-F	White	24 Vcc	290 lm	3,0 W	0,125 A	0,4	20
	SS-S25L	White	230 Vca	300 lm	3,5 W	0,013 A	0,3	20

Accessories

Recession frames

PACKAGING

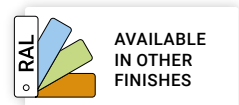
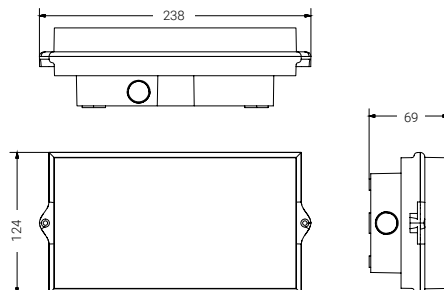
SS-ME	Recessed mounting frame for the SMART range. White colour	20
--------------	---	----



Waterproof kit

PACKAGING

SS-MS	IP65 IK07 housing. Compatible with all the Smart range fittings	20
--------------	---	----



Smart Accessories

Blade diffuser

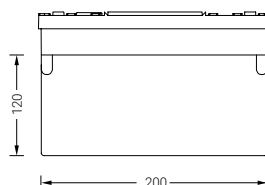


Embedded installation (SS-DBE)



Surface mounted (SS-DB)

		PACKAGING
SS-DB	Blade diffuser compatible with all the fittings of SMART product range	20
SS-DBE	Blade diffuser compatible with the recession frame SS-ME (not included)	20



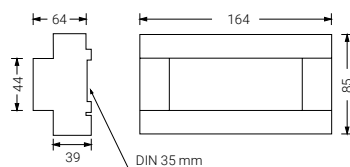
Antivandalic enclosure

		PACKAGING
U-AVC	Antivandalic enclosure	12

Remote controls



		PACKAGING
S-TE	Remote control for up to 300 fittings standard or autotest	



Pictograms

Type PS	Non adhesive pictogram 200 x 120 mm. <i>References according to table below</i>
Type SN	Adhesive pictogram 200 x 104 mm. <i>References according to table below</i>

Type PS 200 x 120 mm



Maximum viewing distance (according to EN1838 for internally illuminated signs)

24 m

Type SN 200 x 104 mm



Maximum viewing distance (according to EN1838 for internally illuminated signs)

20,8 m

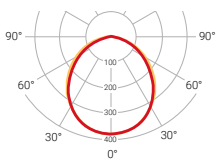


Please check for other pictograms



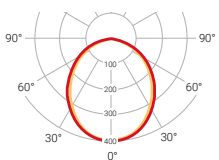
Extraplana

Maintained / Non-maintained led



— CO-C180 Cd/klm
 — C90-C270 $\eta=100\%$

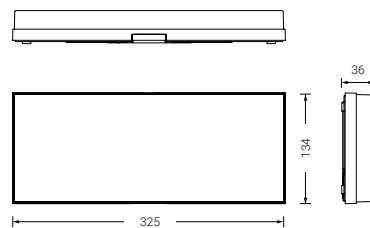
Maintained / Non-maintained multiled



— CO-C180 Cd/klm
 — C90-C270 $\eta=100\%$

Quick assembly

The EXTRAPLANA range can tackle any project thanks to its several different models and the options provided by the accessories offered.



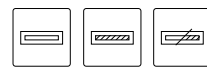
Plug-in base

AVAILABLE IN OTHER FINISHES

850°C LED



Lm **80-520** **1/2/3**



Ni-Cd/
Ni-MH

IP **42-44** IK **04**

230 Vac 24 Vdc



EN 60598-2-22





Remote controlled

Extraplana

Standard





Non-maintained

IP
44

		Lm			
F-80L	White	90 lm	1 h	0,7	20
F-200L	White	220 lm	1 h	0,7	20
F-300L	White	350 lm	1 h	0,7	20
F-400L	White	400 lm	1 h	0,7	20
F-500L	White	500 lm	1 h	0,8	20
F2-200L	White	200 lm	2 h	0,7	20
F2-300L	White	440 lm	2 h	0,8	20
F3-80L	White	80 lm	3 h	0,7	20

Maintained / Non-maintained

IP
42

		Lm			
FL-60	White	95 lm	1 h	0,7	20
FL-150	White	130 lm	1 h	0,7	20
FL-200	White	180 lm	1 h	0,8	20
FL-300	White	300 lm	1 h	0,8	20
FL2-200	White	275 lm	2 h	0,8	20
FL3-100	White	130 lm	3 h	0,8	20







Extraplana

Autotest





Non-maintained

IP
44

		Lm			
FA-100L	White	150 lm	1 h	0,7	20
FA-200L	White	220 lm	1 h	0,7	20
FA-300L	White	300 lm	1 h	0,7	20
FA-400L	White	420 lm	1 h	0,7	20
FA-500L	White	520 lm	1 h	0,7	20
FA2-200L	White	240 lm	2 h	0,7	20
FA2-300L	White	315 lm	2 h	0,7	20
FA3-100L	White	80 lm	3 h	0,8	20

Maintained / Non-maintained

IP
42





		Lm			
FAL-100	White	130 lm	1 h	0,7	20
FAL-200	White	210 lm	1 h	0,8	20
FAL-300	White	300 lm	1 h	0,8	20
FAL2-200	White	300 lm	2 h	0,8	20
FAL3-100	White	130 lm	3 h	0,8	20

Intelligent DALI

Compatible with **NormaLINK** 





Non-maintained

IP
44

		Lm			
FID-100L	White	100 lm	1 h	0,7	20
FID-200L	White	220 lm	1 h	0,7	20
FID-300L	White	350 lm	1 h	0,7	20
FID-400L	White	420 lm	1 h	0,8	20
FID-500L	White	500 lm	1 h	0,8	20
FID2-200L	White	280 lm	2 h	0,7	20
FID2-350L	White	350 lm	2 h	0,8	20
FID3-100L	White	80 lm	3 h	0,8	20

Maintained / Non-maintained

IP
42




		Lm			
FIDL-100	White	100 lm	1 h	0,7	20
FIDL-200	White	180 lm	1 h	0,8	20
FIDL-300	White	300 lm	1 h	0,8	20
FIDL-500	White	500 lm	1 h	0,8	20
FIDL2-200	White	250 lm	2 h	0,8	20
FIDL3-100	White	100 lm	3 h	0,8	20

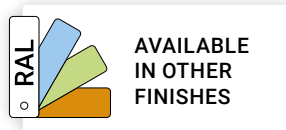
Extraplana

Central Battery System

Maintained

IP 42

			POWER SUPPLY	Lm	CONSUMPTION	CURRENT		
C24	F-S32L24	White	24 Vcc	300 lm	3,0 W	0,125 A	0,6	20
C24i	FI-S32L24	White	24 Vcc	300 lm	3,0 W	0,125 A	0,6	20
	F-S3L	White	230 Vca	210 lm	3,8 W	0,006 A	0,6	20

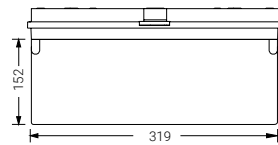


Extraplana Accessories

Blade diffuser

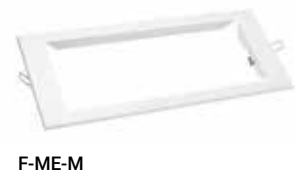


		PACKAGING
F-DBE	Methacrylate blade diffuser with transparent fixation accessory Recessed assembly with F-ME frame (not included)	20
F-DBL	Methacrylate blade diffuser with transparent clips. Surface mounting	20

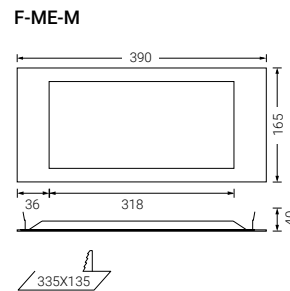
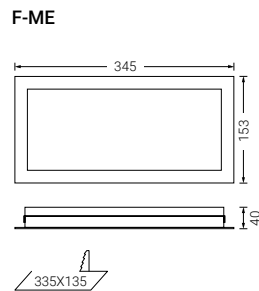


Recession frames

FOR CEILINGS



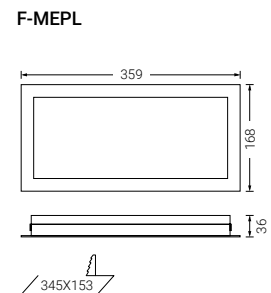
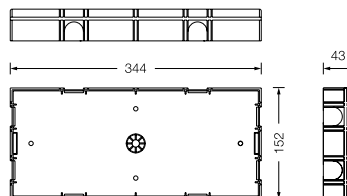
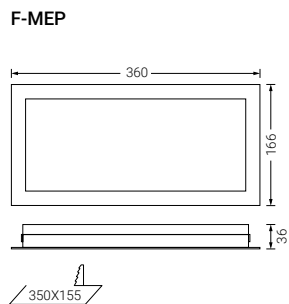
		PACKAGING
F-ME	Recession frame for EXTRAPLANA series. White colour	20
F-ME-M	Metallic recession frame for EXTRAPLANA series	20



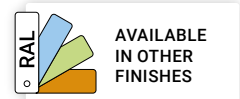
FOR WALLS



		PACKAGING
F-MEP	Recession frame and box for plasterboard for the EXTRAPLANA range. White colour	20
F-MEPL	Wall mounted frame for plasterboard for EXTRAPLANA series	20



! F-MEPL accessory includes screws to fix the luminaire to the frame for the wall mounted option



Extraplana Accessories

Waterproof box

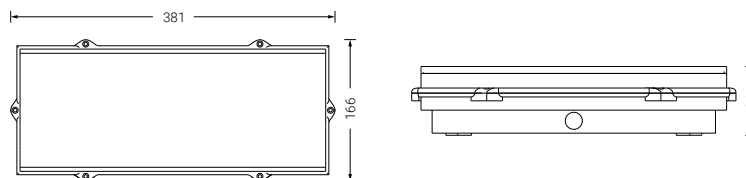


F-MS

F-MS IP65, IK07 housing

PACKAGING

12



Recession frame for waterproof housing

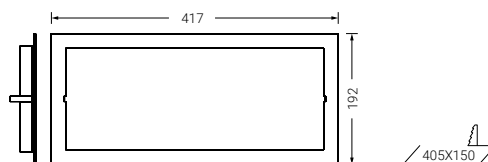


F-MES

F-MES Recession frame for EXTRAPLANA range when mounted on a waterproof F-MS box

PACKAGING

20



! Watertight and suitable for recession mounted.

Plug in box for tube cable entry

F-CE For metric 20 tube

PACKAGING

20

Bracket for wall installation

U-SBL Bracket for wall installation for EXTRAPLANA range

Remote controls

S-TE Remote control for up to 300 fittings standard or autotest

Pictograms

Type PF Non adhesive pictogram 318 x 150 mm. for F-DBE and F-DBL accessory
References according to table below

! Please check for other pictograms

Type PF 318 x 150 mm



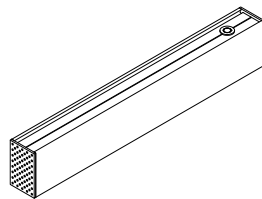
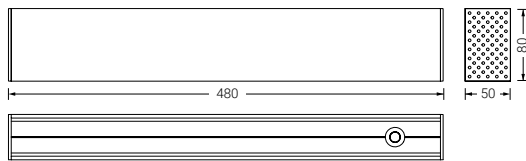
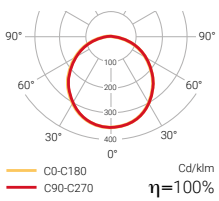
Maximum viewing distance (according to EN1838 for internally illuminated signs)

30 m



Lissa

emergency light



! Available also as Exit sign (page 146)

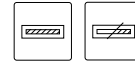
! For special luminaires, please contact us

RAL
AVAILABLE
IN OTHER
FINISHES

CE 850°C LED



Lm
254-320 **1/3**



Ni-Cd / Ni-MH

IP **20** IK **08**

230 Vac 24 Vdc

EN 60598-2-22

Lissa emergency light

Surface

Standard

Maintained / Non-maintained

IP 20

		Lm			
LNL-300	White	254 lm	1 h	2,4	12
LNL3-300	White	254 lm	3 h	2,8	12

Autotest

Maintained / Non-maintained

IP 20

		Lm			
LNAL-300	White	254 lm	1 h	2,4	12
LNAL3-300	White	254 lm	3 h	2,8	12

Intelligent DALI

Compatible with **NormaLINK** 



Maintained / Non-maintained




IP 20

		Lm			
LNIDL-300	White	254 lm	1 h	2,4	12
LNIDL3-300	White	254 lm	3 h	2,2	12

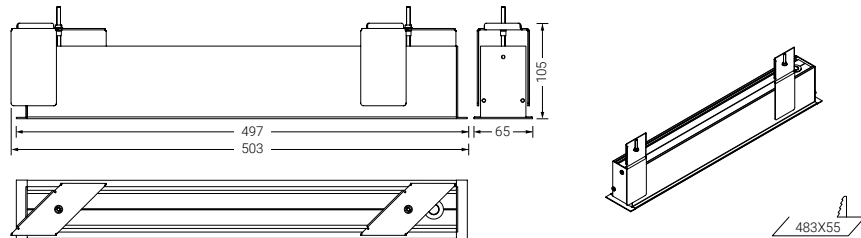
Central Battery System

Maintained

IP 20

		POWER SUPPLY	Lm	CONSUMPTION	CURRENT		
C24 LN-300-S24	White	24 Vcc	320 lm	4,0 W	0,167 A	2,0	12
C24i LNI-300-S24	White	24 Vcc	320 lm	4,0 W	0,167 A	2,1	12
LN-300-S	White	230 Vca	254 lm	5,0 W	0,011 A	2,1	12

Recessed mounting



Standard

Maintained / Non-maintained

IP 20

		Lm			
LNEL-300	White	254 lm	1 h	3,5	12
LNEL3-300	White	254 lm	3 h	3,8	12

Autotest

Maintained / Non-maintained

IP 20

		Lm			
LNEAL-300	White	254 lm	1 h	3,5	12
LNEAL3-300	White	254 lm	3 h	3,8	12



Intelligent DALI

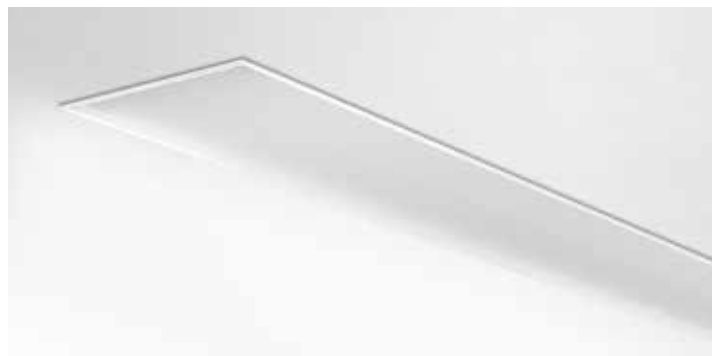
Compatible with **NormaLINK** 



Maintained / Non-maintained

IP 20

		Lm			
LNEIDL-300	White	254 lm	1 h	3,5	12
LNEIDL3-300	White	254 lm	3 h	2,8	12






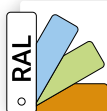
Lissa emergency light recessed mounting

Central Battery System

Maintained

IP 20

			POWER SUPPLY	Lm	CONSUMPTION	CURRENT		
C24	LNE-300-S24	White	24 Vcc	320 lm	4,0 W	0,167 A	2,5	12
C24i	LNEI-300-S24	White	24 Vcc	320 lm	4,0 W	0,167 A	3,2	12
	LNE-300-S	White	230 Vca	254 lm	5,0 W	0,011 A	3,2	12
	LNE-300-SF	White	230 Vca	254 lm	5,0 W	0,011 A	3,2	12



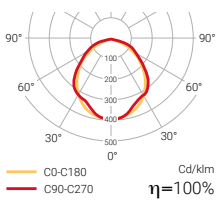
AVAILABLE
IN OTHER
FINISHES





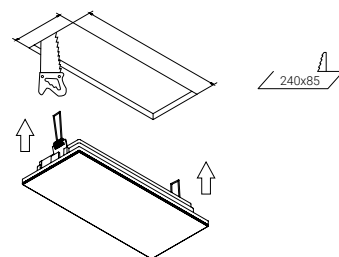
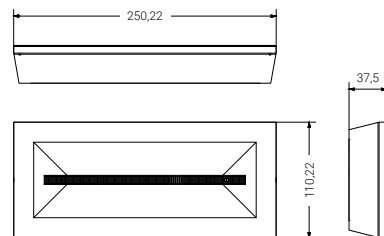
Bessel

Maintained / Non-maintained multiled



! Quick assembly

The BESSEL luminaire upgrades the concept of simplicity to a higher level. It is a luminaire designed to meet the basic needs of emergency lighting while keeping a neat look.



CE 850°C LED



Lm
55-180 **1,5/3**



Ni-Cd /
Ni-MH

IP
42-65 IK
04

230 Vac



EN 60598-2-22





+ Remote controlled

Bessel

Standard

Non-maintained

IP
42


		Lm			
L-60L	White	60 lm	1,5 h	0,5	20
L-100L	White	105 lm	1,5 h	0,6	20
L-150L	White	170 lm	1,5 h	0,6	20
L-200L	White	180 lm	1,5 h	0,6	20
L3-100L	White	75 lm	3 h	0,6	20

IP
65

LE-60L	White	60 lm	1,5 h	0,5	20
LE-100L	White	105 lm	1,5 h	0,6	20
LE-150L	White	170 lm	1,5 h	0,6	20
LE-200L	White	180 lm	1,5 h	0,6	20
LE3-100L	White	75 lm	3 h	0,6	20

Maintained

IP
42

		Lm			
LL-60	White	55 lm	1,5 h	0,5	20
LL-100	White	100 lm	1,5 h	0,6	20
LL-150	White	150 lm	1,5 h	0,6	20
LL3-100	White	70 lm	3 h	0,6	20

IP
65

LLE-60	White	55 lm	1,5 h	0,5	20
LLE-100	White	100 lm	1,5 h	0,6	20
LLE-150	White	150 lm	1,5 h	0,6	20
LLE3-100	White	70 lm	3 h	0,6	20

For other versions, please contact us

WATERTIGHT AND
SUITABLE FOR RECESSED
MOUNTING

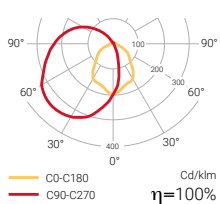
Accessories

L-FE	Clips for recessed mounting
L-FS	IP65 gasket
L-MEP	Wall mounted recession box. White colour



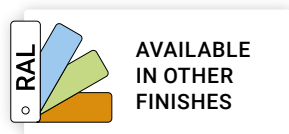
Volutta

Maintained / Non-maintained led

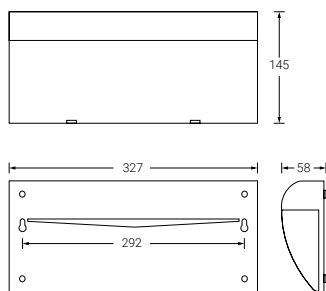


Finishes

- White**
- Anthracite**
Add "-1" to the White reference.
Check additional costs.
- Aluminium**
Add "-2" to the White reference.
Check additional costs.



Volutta is the result of mixing equal parts of versatility and style.



CE 850°C LED



Lm
45-370

1/2/3



CBS

Ni-Cd / Ni-MH

IP **22**

IK **04**

230 Vac

24 Vdc



EN 60598-2-22







Remote controlled

Volutta

Standard





Non-maintained

IP
22

		Lm			
V-50L	White	45 lm	1 h	0,6	20
V-75L	White	90 lm	1 h	0,6	20
V-170L	White	150 lm	1 h	0,6	20
V-300L	White	290 lm	1 h	0,7	20
V-400L	White	370 lm	1 h	0,7	20
V3-75L	White	70 lm	3 h	0,6	20

Maintained





IP
22

		Lm			
VL-60	White	60 lm	1 h	0,6	20
VL-200	White	285 lm	1 h	0,7	20
VL2-200	White	200 lm	2 h	0,7	20
VL3-100	White	100 lm	3 h	0,7	20

Autotest





Non-maintained

IP
22

		Lm			
VA-300L	White	290 lm	1 h	0,6	20

Maintained

IP
22

		Lm			
VAL-100	White	80 lm	1 h	0,6	20
VAL-200	White	180 lm	1 h	0,6	20
VAL3-100	White	100 lm	3 h	0,6	20

Volutta

Intelligent DALI

Compatible with **NormaLINK**



Maintained

IP 22

		Lm			
VIDL-100	White	80 lm	1 h	0,8	20
VIDL-200	White	200 lm	1 h	0,8	20
VIDL3-100	White	100 lm	3 h	0,8	20

Central Battery System

Maintained

IP 22

		POWER SUPPLY	Lm	CONSUMPTION	CURRENT		
C24 V-S3L24	White	24 Vcc	250 lm	6,0 W	0,250 A	0,6	20
V-S3L	White	230 Vca	250 lm	6,0 W	0,010 A	0,6	20



AVAILABLE
IN OTHER
FINISHES



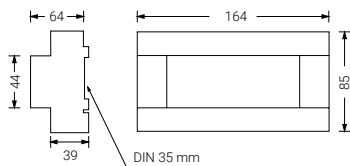
Volutta Accessories

Remote controls



Compatible with all the VOLUTTA range

S-TE Remote control for up to 300 fittings Standard or autotest



Pictograms


Type PN Adhesive pictogram 300 x 130 mm. *References according to table below*

Type PN 300 x 130 mm



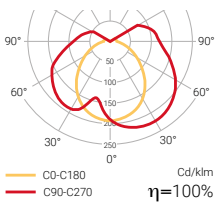
Maximum viewing distance
(according to EN1838 for
internally illuminated signs)

26 m

 Please check for other pictograms



Volutta doble

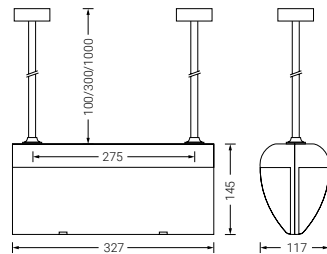


Finishes

- White**
- Anthracite**
Add "-1" to the White reference.
Check additional costs.
- Aluminium**
Add "-2" to the White reference.
Check additional costs.



VOLUTTA DOBLE is an emergency luminaire that offers numerous possibilities for installation. It can be mounted on the ceiling or suspended from the ceiling/wall using an accessory.

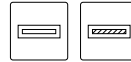


LED



Lm
60-310

1/2/3



Ni-Cd /
Ni-MH

IP
22

IK
04

230 Vac

EN 60598-2-22





Remote controlled

Volutta doble

Standard





Non-maintained

IP 22

		Lm			
VD-75L	White	75 lm	1 h	1,1	10
VD-300L	White	290 lm	1 h	1,2	10
VD3-75L	White	80 lm	3 h	0,9	10

Maintained

IP 22

		Lm			
VDL-60	White	60 lm	1 h	1,1	10
VDL-200	White	310 lm	1 h	1,2	10
VDL2-200	White	200 lm	2 h	1,2	10
VDL3-100	White	100 lm	3 h	1,2	10

Accessories

Wall and ceiling mounting accessories

VKS-100 1000 mm. ceiling suspension. White colour

VKS-30 300 mm. ceiling suspension. White colour

V-C 100 mm ceiling suspension. White colour

V-DSB Suspension with wall bracket. White colour



VKS



V-C



VDSB



Remote controls

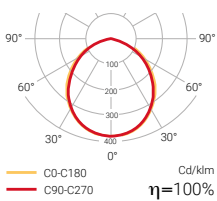
S-TE Remote control for up to 300 fittings standard or autotest



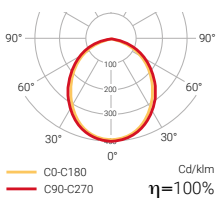
Volutta

recessed mounting

Maintained led

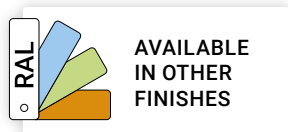


Non-maintained led



Finishes

- White
- Anthracite
Add "-1" to the White reference.
Check additional costs.
- Aluminium
Add "-2" to the White reference.
Check additional costs.

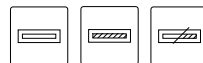


Quick assembly

LED



Lm
80-500 1/2/3



IP **42-44** IK **04**



EN 60598-2-22

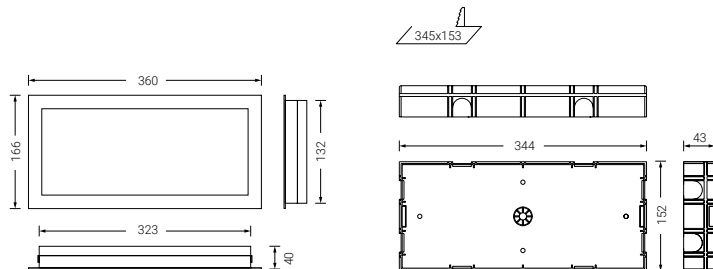
Remote controlled

Volutta recessed mounting

WALL MOUNTING



Box for wall mounting (supplied with rear box for recession)



Standard

Non-maintained

IP 44

		Lm			
VP-80L	White	90 lm	1 h	1,0	20
VP-200L	White	220 lm	1 h	1,0	20
VP-300L	White	350 lm	1 h	1,1	20
VP-400L	White	400 lm	1 h	1,1	20
VP-500L	White	500 lm	1 h	1,2	20
VP2-200L	White	200 lm	2 h	1,0	20
VP3-80L	White	80 lm	3 h	0,9	20

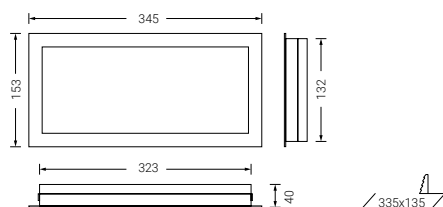
Maintained / Non-maintained

IP 42

		Lm			
VPL-60	White	95 lm	1 h	1,0	20
VPL-150	White	130 lm	1 h	1,0	20
VPL-200	White	180 lm	1 h	1,1	20
VPL2-200	White	180 lm	2 h	0,8	20
VPL3-100	White	100 lm	3 h	1,1	20

Volutta empotrable

CEILING MOUNTING



Standard

Non-maintained

IP
44

		Lm			
VT-80L	White	90 lm	1 h	0,9	20
VT-200L	White	220 lm	1 h	0,9	20
VT-300L	White	350 lm	1 h	0,9	20
VT-400L	White	400 lm	1 h	0,9	20
VT-500L	White	500 lm	1 h	1,0	20
VT2-200L	White	200 lm	2 h	0,9	20
VT3-80L	White	80 lm	3 h	0,9	20

Maintained / Non-maintained

IP
42

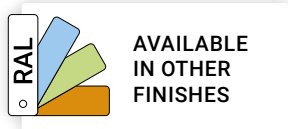
		Lm			
VTL-60	White	95 lm	1 h	0,9	20
VTL-150	White	130 lm	1 h	0,9	20
VTL-200	White	180 lm	1 h	1,0	20
VTL2-200	White	180 lm	2 h	1,0	20
VTL3-100	White	100 lm	3 h	1,0	20

Central Battery System

Maintained

IP
42

		POWER SUPPLY	Lm	CONSUMPTION	CURRENT		
VT-S3L	White	230 Vca	250 lm	3,8 W	0,006 A	0,6	20



Volutta recessed mounting Accessories

Blade diffuser



F-DBE Blade diffuser with transparent fixing accessory .
Embedded mounted with F-ME accessory (not included).

PACKAGING

20

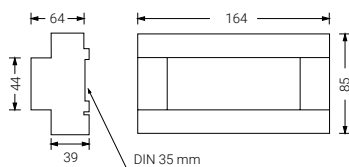


Remote controls



Compatible with all the
VOLUTTA range

S-TE Remote control for up to 300 fittings standard or autotest



Pictograms

Type PF Non adhesive pictogram 318 x 150 mm for F-DBE and F-DBL accessories
References according to table below

Type PN Adhesive pictogram 300 x 120 mm. *References according to table below*

Type PF 318 x 150 mm



Maximum viewing distance
(according to EN1838 for
internally illuminated signs)

30 m

Type PN 300 x 120 mm



Maximum viewing distance
(according to EN1838 for
internally illuminated signs)

24 m

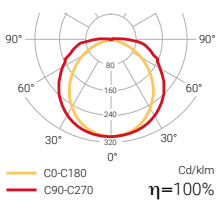


Please check for other pictograms



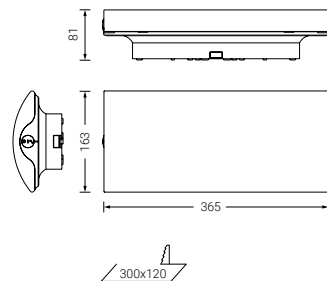
Now
with LiFePO4
lithium batteries

Excellence



! Quick assembly

The EXCELLENCE emergency fittings are our bet on design and functionality. They are luminaires that are fully made from polycarbonate with stylish shapes that make them ideal for mounting on the wall/ ceiling or recessed mounting.

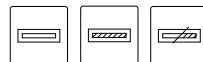


RAL AVAILABLE IN OTHER FINISHES



Lm
110-330

1/3



Ni-Cd
LiFePO4

IP
42

IK
04

230 Vac
24 Vdc



EN 60598-2-22

+ Remote controlled

Excellence

Standard

Non-maintained

IP
42

		Lm			
E-200L	White	200 lm	1 h	1,1	12
E-300L	White	300 lm	1 h	1,1	12

Autotest





Non-maintained

IP
42

		Lm			
EA-200L	White	180 lm	1 h	1,2	12
EA-300L	White	300 lm	1 h	1,2	12

Maintained / Non-maintained

IP
42





		Lm			
EAL-200M	White	180 lm	1 h	1,2	12
LITHIUM EAL-250Li	White	240 lm	1 h	1,2	12
EAL-250M	White	250 lm	1 h	1,2	12
EAL-300M	White	330 lm	1 h	1,2	12
EAL3-100M	White	110 lm	3 h	1,2	12
LITHIUM EAL3-250Li	White	240 lm	3 h	1,3	12

Intelligent DALI

Compatible with **NormaLINK** 

Maintained / Non-maintained

IP
42

		Lm			
LITHIUM EIDL-250Li	White	240 lm	1 h	1,2	12
EIDL-250M	White	250 lm	1 h	1,2	12
EIDL-300M	White	330 lm	1 h	1,2	12
EIDL3-100M	White	110 lm	3 h	1,2	12
LITHIUM EIDL3-250Li	White	240 lm	3 h	1,2	12

Intelligent Wireless

Maintained / Non-maintained




IP
42

		Lm			
EIDL-300M-R	White	330 lm	1 h	1,2	12
EIDL3-100M-R	White	100 lm	3 h	1,2	12

Central Battery System

Maintained

IP
42

		POWER SUPPLY	Lm	CONSUMPTION	CURRENT		
C24 E-S24L24	White	24 Vcc	306 lm	2,6 W	0,110 A	1,1	12
C24i EI-S25L24	White	24 Vcc	240 lm	3,0 W	0,125 A	1,1	12
E-S24L	White	230 Vca	320 lm	3,7 W	0,014 A	1,1	12

Excellence Accessories

**FALSE CEILING RECESSED
MOUNTING** (accessory included)



SURFACE MOUNTING
(accessory included)



Tube cable entry

O-AT M20 tube mounting accessory.
Adapter included free of charge.

Minitrunking
cable entry

The fitting has three entries for minitrunking, 20 x 10mm

Recession frames

This fitting does not require any recession frame.
Two metal clips are supplied with it free of charge

Aluminium frame



E-MD Improves the aesthetics making it more modern.
It is needed for the installation of the non adhesive pictogram.

Light orientator

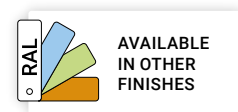


E-OL Aluminium sheet to be installed over the diffuser and direct the light
to the flag diffuser, avoiding the glare

Excellence Accessories

Wall and ceiling mounting accessories

OKS-30	300 mm metal rod for ceiling suspension
OKS-100	1000 mm metal rod for ceiling suspension
E-SBT	Ceiling accessory
E-SB	Wall accessory



Remote controls

S-TE	Remote control for up to 300 fittings standard or autotest
-------------	--

Check other control options on page 182

Blade diffusers

E-DB	E-DB transparent blade diffuser (includes the clips for installation) PAB type pictogram included
-------------	--

The methacrylate pictograms are offered with the wall fixation bracket. The transparent blade diffuser (Ref: E-DB) can also be used with any of the adhesives for any other use



Type PAB 300 x 150 mm	Maximum viewing distance (according to EN1838 for internally illuminated signs)								
<table border="0"> <tr> <td>REF. PAB-A</td> <td>REF. PAB-A</td> <td>REF. PAB-SD</td> <td>REF. PAB-SU</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </table>	REF. PAB-A	REF. PAB-A	REF. PAB-SD	REF. PAB-SU					30 m
REF. PAB-A	REF. PAB-A	REF. PAB-SD	REF. PAB-SU						

Pictograms

Type PAM	Non adhesive pictogram 330 x 155 mm. To be used on the E-MD accessorie (not included)
Type PEM	Adhesive pictogram 355 x 150 mm. To be placed on the cover of the emergency light

Type PAM 330 x 155 mm	Maximum viewing distance (according to EN1838 for internally illuminated signs)								
<table border="0"> <tr> <td>REF. PAM-L</td> <td>REF. PAM-R</td> <td>REF. PAM-SD</td> <td>REF. PAM-SU</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </table>	REF. PAM-L	REF. PAM-R	REF. PAM-SD	REF. PAM-SU					31 m
REF. PAM-L	REF. PAM-R	REF. PAM-SD	REF. PAM-SU						

Type PEM 355 x 150 mm	Maximum viewing distance (according to EN1838 for internally illuminated signs)								
<table border="0"> <tr> <td>REF. PEM-L</td> <td>REF. PEM-R</td> <td>REF. PEM-SD</td> <td>REF. PEM-SU</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </table>	REF. PEM-L	REF. PEM-R	REF. PEM-SD	REF. PEM-SU					30 m
REF. PEM-L	REF. PEM-R	REF. PEM-SD	REF. PEM-SU						

Please check for other pictograms

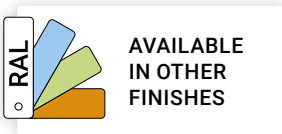
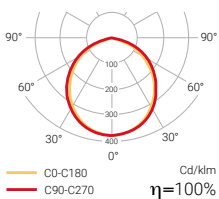


IP68 / IK10

Easy to install

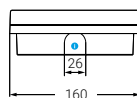
Up to four M20 cable entries

Gennius



The GENNIUS range of emergency lighting is a superb combination of design and practicality. But what really makes GENNIUS outstanding are the invisible details: IP68, IK10 for a robust system that can withstand any situation.

There are also numerous accessories that make the GENNIUS family an extremely versatile option for even complex installations.



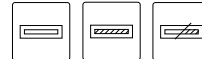
M20 cable gland (not included)

Quick installation system

CE 850°C LED



Lm **90-550** 1/3



Ni-Cd LiFePO4

IP **68** IK **8/10**

230 Vac 24 Vdc

EN 60598-2-22





Remote controlled

Gennius

Standard





Non-maintained

IP 68

		Lm			
GE-100L	White	95 lm	1 h	0,9	20
GE-200L	White	200 lm	1 h	0,9	20
GE-300L	White	300 lm	1 h	0,9	20
GE3-100L	White	100 lm	3 h	0,9	20

Maintained / Non-maintained





IP 68

		Lm			
GEL-100	White	95 lm	1 h	0,9	20
GEL-200	White	195 lm	1 h	0,9	20
GEL-300	White	300 lm	1 h	0,9	20
GEL-400	White	400 lm	1 h	0,9	20
GEL3-100	White	90 lm	3 h	0,9	20

Autotest





Non-maintained

IP 68

		Lm			
GEA-100L	White	100 lm	1 h	0,3	20
GEA-200L	White	200 lm	1 h	0,9	20
GEA-300L	White	300 lm	1 h	0,3	20
GEA3-100L	White	100 lm	3 h	0,3	20

Maintained / Non-maintained

IP 68

		Lm			
GEAL-100	White	100 lm	1 h	0,3	20
GEAL-200	White	200 lm	1 h	0,3	20
LITHIUM GEAL-250Li	White	260 lm	1 h	0,9	20
GEAL-300	White	300 lm	1 h	0,9	20
GEAL-400	White	400 lm	1 h	0,3	20
LITHIUM GEAL-500Li	White	550 lm	1 h	1,0	20
GEAL3-100	White	100 lm	3 h	0,9	20

Gennius

Intelligent DALI

Compatible with **NormaLINK**

Non-maintained

IP
68

		Lm			
GEID-100L	White	100 lm	1 h	0,4	20
GEID-200L	White	220 lm	1 h	0,9	20
GEID-300L	White	300 lm	1 h	0,9	20
GEID2-300L	White	300 lm	2 h	0,9	20
GEID3-100L	White	100 lm	3 h	0,4	20

Maintained / Non-maintained

IP
68

		Lm			
GEIDL-100	White	140 lm	1 h	0,9	20
GEIDL-200	White	230 lm	1 h	0,9	20
LITHIUM GEIDL-250Li	White	250 lm	1 h	0,6	20
GEIDL-300	White	300 lm	1 h	0,9	20
GEIDL-400	White	400 lm	1 h	0,6	20
LITHIUM GEIDL-500Li	White	500 lm	1 h	0,3	20
GEIDL3-100	White	100 lm	3 h	0,9	20

Intelligent Wireless

Maintained / Non-maintained

IP
68

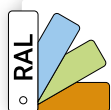
		Lm			
GEIDL3-100-R	White	100 lm	3 h	0,9	20

Central Battery System

Maintained

IP
68

		POWER SUPPLY	Lm	CONSUMPTION	CURRENT		
C24 GE-S24L24	White	24 Vcc	300 lm	3,0 W	0,125 A	0,8	20
C24i GEI-S24L24	White	24 Vcc	300 lm	4,0 W	0,167 A	0,7	20

AVAILABLE
IN OTHER
FINISHES

Gennius Accessories

Blade diffuser

GE-DB Blade diffuser for devices compatible with the Gennius range

Installation accessory

GE-MSE Installation accessory for semi-recessed installation

Surface installation

GE-PP Pre-assembly plate for surface mounting

Fixing supports

GE-SBT Support perpendicular to the ceiling



GE-DB



GE-MSE



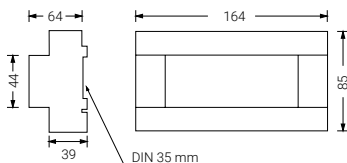
GE-PP



GE-SBT

Remote controls

S-TE Remote control for up to 300 fittings standard or autotest



Pictograms

Type PG Interior pictogram 300 x 150 mm. *References according to table below*

Type PGB Pictograms 300 x 150 to be used on the GE-DB accessorie. *References according to table below*



Type PG 300 x 150 mm



Maximum viewing distance
(according to EN1838 for
internally illuminated signs)

30 m

Type PGB 300 x 150 mm

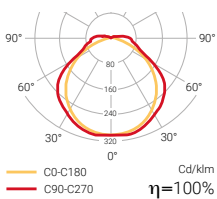


Please check for
other pictograms

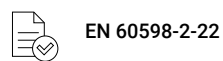
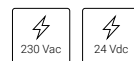
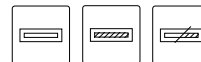
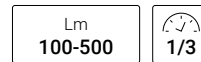


Now
with LiFePO4
lithium batteries

Euoprisma

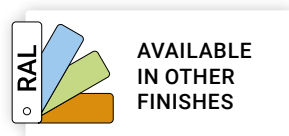
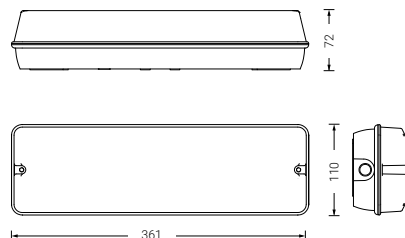


The emergency fittings from the EUROPRISMA range have been designed to guarantee function in the most challenging installations. Their IP65 rating combined with a wide range of products make them the ideal choice for industrial installations.



! Low temperature versions on page 123

! Available with lithium battery







Europrisma

Standard



Non-maintained

IP 65

		Lm			
EH-200L	White	200 lm	1 h	0,7	20
EH-300L	White	300 lm	1 h	0,7	20
EH3-100L	White	100 lm	3 h	0,7	20

Maintained / Non-maintained

IP 65

		Lm			
EHL-200M	White	250 lm	1 h	0,8	20
EHL3-100M	White	110 lm	3 h	0,8	20

Autotest





Maintained / Non-maintained

IP 65

		Lm			
LITHIUM EHAL-250LI	White	240 lm	1 h	0,8	20
LITHIUM EHAL-500LI	White	500 lm	1 h	0,8	20
LITHIUM EHAL3-250LI	White	240 lm	3 h	0,9	20

Maintained / Non-maintained MULTILED

IP 65

		Lm			
EHAL-200M	White	240 lm	1 h	0,8	20
EHAL-400M	White	390 lm	1 h	0,8	20
EHAL3-100M	White	110 lm	3 h	0,8	20

Intelligent DALI





Compatible with **NormaLINK**



Maintained / Non-maintained

IK 10

IP 65

		Lm			
LITHIUM EHIDL-200M	White	270 lm	1 h	0,8	20
LITHIUM EHIDL-250LI	White	240 lm	1 h	0,8	20
LITHIUM EHIDL-300M	White	310 lm	1 h	0,8	20
LITHIUM EHIDL-400M	White	420 lm	1 h	0,8	20
LITHIUM EHIDL3-100M	White	110 lm	3 h	0,8	20
LITHIUM EHIDL3-250LI	White	240 lm	3 h	0,8	20

Euoprisma

Intelligent Wireless

Maintained / Non-maintained




IK 10 IP 65

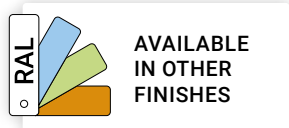
		Lm			
EHIDL-200M-R	White	270 lm	1 h	0,8	20
EHIDL3-100M-R	White	100 lm	3 h	0,8	20

Central Battery System

Maintained

IP 65

		POWER SUPPLY	Lm	CONSUMPTION	CURRENT		
C24 EH-S24L24	White	24 Vcc	290 lm	2,9 W	0,121 A	0,6	20
C24i EHI-S25L24	White	24 Vcc	240 lm	3,0 W	0,125 A	0,6	20
EH-S25L	White	230 Vca	270 lm	2,7 W	0,009 A	0,7	20



Europrisma

Emergency light adapted to the cold





Refrigerating chambers, ship's holds, high mountain cabins.... standard general lighting is not design for such situations. Europrisma is the emergency

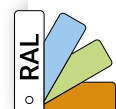
lighting created to achieve its optimal performance and to ensure the safety with extreme temperatures.

Working temperature up to -25°C

Maintained / Non-maintained

IK 10 IP 65

		Lm			
EHIDL-200C	White	240 lm	1 h	0,8	20
EHIDL-400C	White	420 lm	1 h	0,8	20
EHIDL3-100C	White	110 lm	3 h	0,7	20



AVAILABLE IN OTHER FINISHES



NORMALUX

Emergency lighting
normalux.com



Normagrup

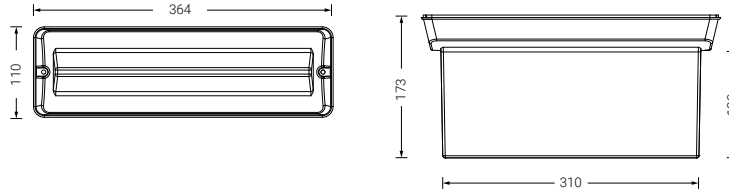
Sense of Technology

Europrisma Accessories

Blade diffuser



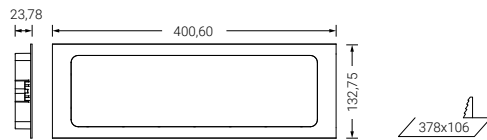
EH-DB Blade diffuser for all the fittings of the Europrisma range



Recession frames



EH-ME Recession frame for the EUROPRISMA series



! Watertight and suitable for recession mounted

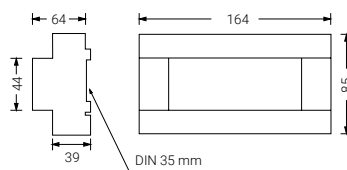
Wall and ceiling brackets

E-SB Bracket for wall mounting
E-SBT Bracket for ceiling mounting

Remote controls



S-TE Remote control for up to 300 fittings standard or autotest



Pictograms



Type PM Internal pictogram 300 x 100 mm. *References according to table below*

Type PM 300 x 100 mm



Maximum viewing distance (according to EN1838 for internally illuminated signs)

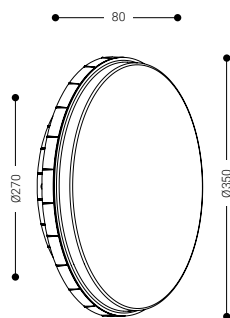
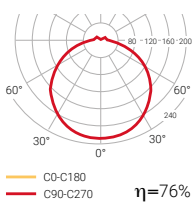
20 m

! Please check for other pictograms





Uro

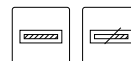


LED



Lm
300-1480

1/3



IP
65

IK
10



EN 60598-2-22

Two mounting possibilities:
 Wall or ceiling

Up to 1750 lumen output in
 maintained mode

AVAILABLE
IN OTHER
FINISHES








Possibility of remote control.

Uro

Standard

Maintained / Non-maintained





IP 65

		Lm			
UL-300	White	300 lm	1 h	1,7	1
 UL-300P	White	300 lm	1 h	1,7	7
UL-700	White	710 lm	1 h	1,8	1
 UL-700P	White	710 lm	1 h	1,8	1
UL3-500	White	500 lm	3 h	2,5	1
 UL3-500P	White	500 lm	3 h	2,3	1

Autotest

Maintained / Non-maintained

IP 65

		Lm			
UAL-700	White	710 lm	1 h	0,7	1
UAL3-500	White	500 lm	3 h	2,5	1


Intelligent DALI

Compatible with **NormaLINK** 



Maintained / Non-maintained




IP 65

		Lm			
UIDL-700	White	710 lm	1 h	1,8	1
UIDL3-500	White	500 lm	3 h	2,5	1

Central Battery System

Maintained

IP 65

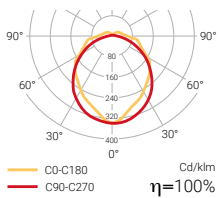
		POWER SUPPLY	Lm	CONSUMPTION	CURRENT		
C24 UL-S2L24	White	24 Vcc	1480 lm	14,9 W	0,621 A	1,3	1
C24i UIL-S2L24	White	24 Vcc	1480 lm	14,9 W	0,621 A	1,3	1





Hermetic XL

Maintained / Non-maintained multiled

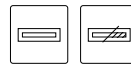


HERMETIC XL is a waterproof (IP66) luminaire ideal for basements, garages or any industrial activity. Specifically designed with LED technology, it incorporates the new and revolutionary quick installation system which improves installation time and optimizes maintenance work.

CE 850°C LED



Lm
850-2200 1/3



Ni-MH

IP **66**

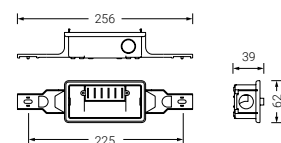
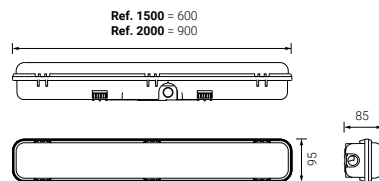
IK **10**

230 Vac



EN 60598-2-22

! Quick installation system



Plug-in base

! Quick assembly





+ Remote controlled

Hermetic XL

Standard

Non-maintained

IP 66

		Lm			
DE-1500L	Grey	1330 lm	1 h	2,3	1
DE-2000L	Grey	1960 lm	1 h	3,2	1
DE2-1100L	White	1100 lm	2 h	2,3	1
DE3-800L	Grey	900 lm	3 h	3,2	1

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Maintained / Non-maintained

IP 66

		Lm			
DEL-1500	Grey	1330 lm	1 h	2,2	1
DEL-2000	Grey	2200 lm	1 h	3,1	1
DEL3-800	Grey	850 lm	3 h	3,1	1

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Autotest

Non-maintained



IP 66

		Lm			
DEA-1500L	Grey	1330 lm	1 h	2,2	1
DEA-2000L	Grey	1960 lm	1 h	3,1	1

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Maintained / Non-maintained

IP 66

		Lm			
DEAL-1500	Grey	1330 lm	1 h	2,2	1
DEAL-2000	Grey	1960 lm	1 h	3,1	1

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Hermetic XL

Intelligent DALI

Compatible with **NormaLINK**



! Please ask for the references with remote control option

! For other durations, please contact us



Low temperatures version.

Non-maintained

IP 66

		Lm			
DEID-1500L	Grey	1330 lm	1 h	2,2	1
DEID-2000L	Grey	1960 lm	1 h	3,1	1
DEID3-800L	Grey	860 lm	3 h	2,2	1

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Maintained / Non-maintained

IP 66

		Lm			
DEIDL-1500	Grey	1330 lm	1 h	2,1	1
DEIDL-2000	Grey	1960 lm	1 h	2,8	1

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Maintained / Non-maintained

IP 66

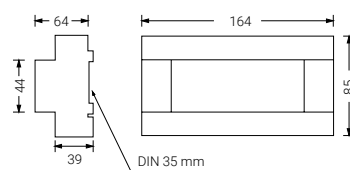
		Lm			
DEIDL-2000C	Grey	1960 lm	1 h	3,0	1

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Accessories

Remote controls

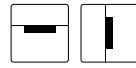
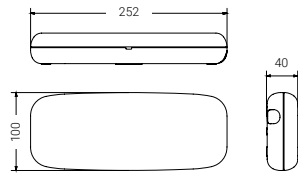
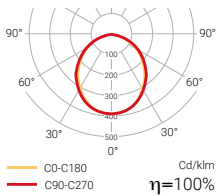
S-TE Remote control for up to 300 fittings standard or autotest







Aura



Lm
57-355

1/2



IP
44

IK
04



EN 60598-2-22

**AVAILABLE
IN OTHER
FINISHES**



Remote controlled

Standard

Non-maintained

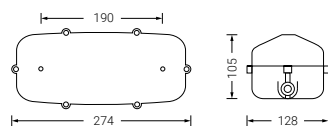
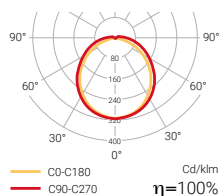
IP 44

		Lm			
A-60L	White	57 lm	1 h	0,4	30
A-100L	White	105 lm	1 h	0,4	30
A-150L	White	135 lm	1 h	0,4	30
A-200L	White	175 lm	1 h	0,4	30
A-300L	White	310 lm	1 h	0,4	30
A-400L	White	355 lm	1 h	0,8	30
A2-200L	White	200 lm	2 h	0,4	30

Available in 127v AC 50/60Hz. Indicate reference + V. Check additional costs
 Available in 24v DC. Indicate reference + C. Check additional costs



Aura 65



CE 850°C LED



Lm
57-355

1/2



IP
65

IK
07



230 Vac



EN 60598-2-22



Remote controlled

Standard

Non-maintained

IP
65

	Color	Lm	h	Weight (kg)	Volume (l)
AE-60L	White	57 lm	1 h	0,6	20
AE-100L	White	105 lm	1 h	0,6	20
AE-150L	White	135 lm	1 h	0,6	20
AE-200L	White	175 lm	1 h	0,6	20
AE-300L	White	310 lm	1 h	0,7	20
AE-400L	White	355 lm	1 h	0,7	20
AE2-200L	White	240 lm	2 h	0,7	20

Available in 127v AC 50/60Hz. Indicate reference + V. Check additional costs
 Available in 24v DC. Indicate reference + C. Check additional costs

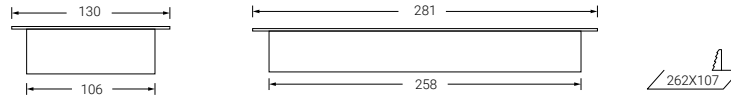
Aura y Aura 65 Accessories

Recession frames

A-ME Recession frame for AURA series fittings

PACKAGING

20



Only compatible with Aura series fittings

Remote controls

S-TE Remote control for up to 300 fittings standard or autotest

Pictograms

Type N Adhesive pictogram 150 x 90 mm. *References according to table below*

Type N 150 x 90 mm



Maximum viewing distance
(according to EN1838 for
internally illuminated signs)

18 m



Please check for other pictograms



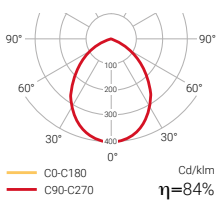


Now
maintained standard,
autotest or DALI.

Dopplo



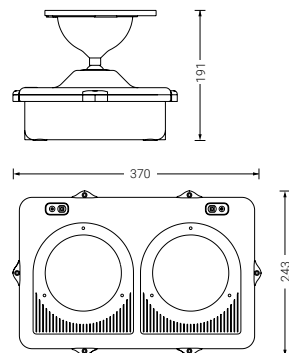
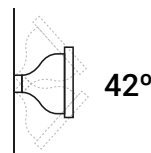
Some versions compliant with French Regulation



! Quick assembly

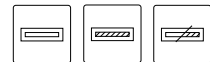
RAL AVAILABLE IN OTHER FINISHES

The DOPPLO emergency fittings have been designed to cover large surfaces in spaces that require an aesthetic design. Made with a polycarbonate housing, their wide light range that makes them versatile fittings for large and medium-sized spaces (large halls, pavilions, sports centres etc.).



Lm
1000-3550

1/2/3



IP
65

IK
07



EN 60598-2-22







Remote controlled

Dopplo

Standard

Non-maintained





IP
65

		Lm			
DO-1100L	Grey	1040 lm	1 h	5,4	1
DO-1900L	Grey	1850 lm	1 h	6,1	1
DO-2400L	Grey	2300 lm	1 h	6,4	1
DO-3000L	Grey	3500 lm	1 h	7,3	1
DO2-1900L	Grey	1850 lm	2 h	7,3	1
DO3-1000L	Grey	1000 lm	3 h	6,4	1

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Maintained / Non-maintained

IP
65





		Lm			
DOL-1900	Grey	1850 lm	1 h	6,1	1

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Autotest

Non-maintained





IP
65

		Lm			
DOA-1100L	Grey	1040 lm	1 h	5,4	1
DOA-1900L	Grey	1850 lm	1 h	6,1	1
DOA-2400L	Grey	2300 lm	1 h	6,5	1
DOA-3000L	Grey	3500 lm	1 h	7,3	1
DOA2-1900L	Grey	1950 lm	2 h	7,4	1
DOA3-1000L	Grey	1750 lm	3 h	6,6	1
DOA3-1900L	Grey	1750 lm	3 h	7,3	1

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Maintained / Non-maintained

IP
65

		Lm			
DOAL-1900	Grey	1850 lm	1 h	6,1	1

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Dopplo

Intelligent DALI

Compatible with **NormaLINK**



Non-maintained

IP 65

		Lm			
DOID-1100L	Grey	1040 lm	1 h	5,4	1
DOID-2400L	Grey	2070 lm	1 h	6,5	1
DOID-1900L	Grey	2100 lm	1 h	6,0	1
DOID-3000L	Grey	3550 lm	1 h	7,3	1
DOID2-1900L	Grey	1850 lm	2 h	8,9	1
DOID3-1000L	Grey	1000 lm	3 h	6,5	1

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Maintained / Non-maintained

IP 65

		Lm			
DOIDL-1900	Grey	1800 lm	1 h	6,1	1

127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

Central Battery System

Maintained

IP 65

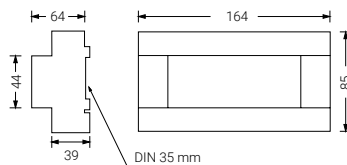
		POWER SUPPLY	Lm	CONSUMPTION	CURRENT		
C24 DO-S2L24	White	24 Vcc	1840 lm	24 W	1,000 A	4,5	20
C24i DOI-S2L24	White	24 Vcc	1800 lm	23 W	0,958 A	4,5	20

Accessories

Remote control



S-TE Remote control for up to 300 fittings standard or autotest



Antivandalic enclosure

DO-AV Antivandalic enclosure.
Measurements in cm: 45 x 30 x 25

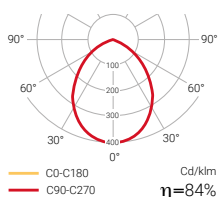
PACKAGING

1

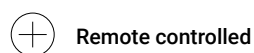
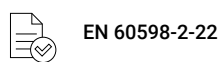
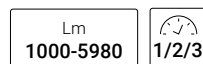
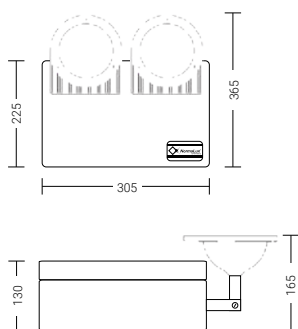




Twin spots



The TWIN SPOTS have been designed to illuminate large working areas. Their IP65 rating and their wide luminic range, combined with the tightness of their housing, make them the ideal solution to light up large industrial areas.







Twin spots

Standard

Non-maintained

IP 65

		N° SPOTLIGHT	Lm			
FO-1100L	Grey	2	1040 lm	1 h	6,4	1
FO-1900L	Grey	2	1850 lm	1 h	7,0	1
FO-2400L	Grey	2	2300 lm	1 h	7,4	1
FO-3000L	Grey	2	3500 lm	1 h	8,3	1
FO-6000L	Grey	3	5980 lm	1 h	13,5	1
FO2-1900L	Grey	2	1850 lm	2 h	8,3	1
FO3-1000L	Grey	2	1000 lm	3 h	7,4	1



Accessories

Antivandalic enclosure

FO-AV Antivandalic enclosure.
Measurements in cm: 48 x 42 x19

PACKAGING

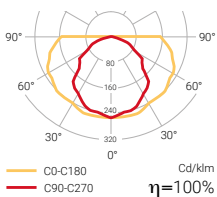
1



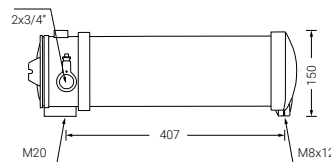
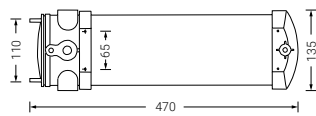
Explosion proof



CATEGORY 2
ACCORDING TO
ATEX 2014/34/UE



The EXPLOSION PROOF range has been specifically designed to be used in explosive atmospheres that have been designated category II in accordance with Directive ATEX 94/9/CE.



Wall mounting plate
not included.
Anti explosion cable
glands not included.



Lm
200-400

1



IP
67

IK
06



EN 60598-2-22
EN50018



Remote controlled

Valid for sites designated category
II in accordance with Directive
ATEX 94/9/CE.

Zone: 1, 21. Exd. IIC T6.

Explosion proof

Standard

Non-maintained / Fluorescent

IP 67

		Lm			
EX-200	Cristal	200 lm	1 h	5,3	1
EX-400	Cristal	400 lm	1 h	5,7	1

Autotest

Non-maintained / Fluorescent

IP 67

		Lm			
EXA-200	Cristal	200 lm	1 h	5,5	1
EXA-400	Cristal	400 lm	1 h	5,6	1

Intelligent DALI

Compatible with **NormaLINK** 



Non-maintained / Fluorescent

IP 67

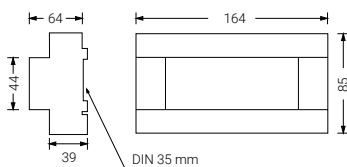
		Lm			
EXID-200	Cristal	200 lm	1 h	5,0	1
EXID-400	Cristal	400 lm	1 h	5,6	1

Accessories

Remote controls



S-TE Remote control for up to 300 fittings standard or autotest



Wall mounting

BRIDAEX Wall mounting accessory (2 units)

Exit signs



Exit signs



Lissa Exit Signs
146



Extraline
150



Steeded
154



Signal 7
156



Perpendicular or parallel mounting accessories are included in the surface mounted versions.

Lissa

exit signs



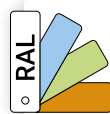
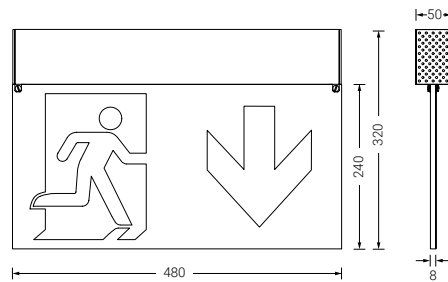
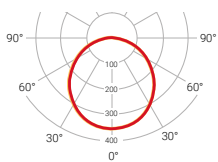
VIEWING DISTANCE

48 m.

with pictograms
Type PLI-A/SD/SU

10 m.

with pictograms
Type PLI-BIE/EXT/PUL



AVAILABLE
IN OTHER
FINISHES



Available also as emergency light (page 96)



For special luminaires, please contact us



Blade diffuser and pictograms included: 2 PLI-A, 1 PLI-SU and 1 PLI-SD



EN 60598-2-22
EN 60598-1

EN 1838 | 48 m





Lissa exit signs surface mounted

Surface

Standard

Maintained / Non-maintained





IP 20

		Lm			
LN	White	–	1 h	3,5	4
LN3	White	–	3 h	3,9	4

Autotest

Maintained / Non-maintained

IP 20





		Lm			
LNA	White	–	1 h	3,5	4
LNA3	White	–	3 h	3,9	4

Intelligent DALI

Compatible with **NormaLINK** 

Maintained / Non-maintained




IP 20

		Lm			
LNID	White	–	1 h	3,5	4
LNID3	White	–	3 h	2,8	4

Central Battery System

Maintained

IP 20

		POWER SUPPLY	Lm	CONSUMPTION	CURRENT		
C24 LN-S16L24	White	24 Vcc	–	4,2 W	0,175 A	3,3	4
C24i LNI-S16L24	White	24 Vcc	–	4,0 W	0,167 A	3,3	4
LN-S16L	White	230 Vca	–	5,0 W	0,011 A	3,3	4

Accessories

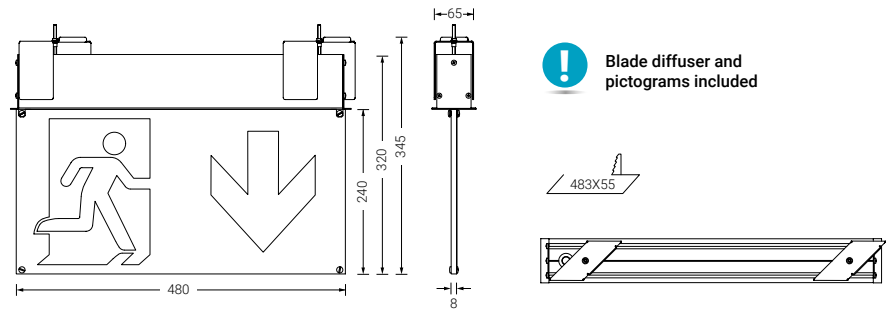
Suspension accessory

LN-KS Suspended from the ceiling by a steel cable (including power supply wire of 2 m)

Pictograms

Type PLI Non adhesive pictogram 480 x 240 mm. *References according to table below***Type PLI** 480 x 240 mmREF. **PLI-A**REF. **PLI-A**REF. **PLI-SD**REF. **PLI-SU**Maximum viewing distance
(according to EN1838 for
internally illuminated signs)**48 m**REF. **PLI-BIE**REF. **PLI-EXT**REF. **PLI-PUL**Maximum viewing distance
(according to CTE)**10 m**Please check for
other pictograms




Recessed mounting



Standard

Maintained / Non-maintained

IP 20

		Lm			
LNE	White	—	1 h	4,1	4
LNE3	White	—	3 h	4,4	4

Autotest

Maintained / Non-maintained

IP 20

		Lm			
LNEA	White	—	1 h	4,1	4
LNEA3	White	—	3 h	4,4	4



Lissa exit signs recessed mounting

Intelligent DALI

Compatible with **NormaLINK**



Maintained / Non-maintained

IP 20

		Lm			
LNEID	White	—	1 h	4,1	4
LNEID3	White	—	3 h	3,3	4

Each luminaire contains:

- One LN fitting.
- One blade diffuser.
- Four pictograms (2 PLI-A, 1 PLI-SU and 1 PLI-W).

Central Battery System

Maintained

IP 20

		POWER SUPPLY	Lm	CONSUMPTION	CURRENT		
C24 LNE-S16L24	White	24 Vcc	—	4,0 W	0,167 A	3,1	4
C24i LNEI-S16L24	White	24 Vcc	—	4,0 W	0,167 A	3,8	4
LNE-S16L	White	230 Vca	—	5,0 W	0,011 A	4,2	4

Accessories

Pictograms

Type PLI Non adhesive pictogram 480 x 240 mm. *References according to table below*

Type PLI 480 x 240 mm

REF. **PLI-A**



REF. **PLI-A**



REF. **PLI-SD**



REF. **PLI-SU**



Maximum viewing distance
(according to EN1838 for
internally illuminated signs)

48 m

REF. **PLI-BIE**



REF. **PLI-EXT**



REF. **PLI-PUL**



Maximum viewing distance
(according to CTE)

10 m



Please check for
other pictograms

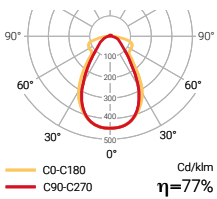


Extraline



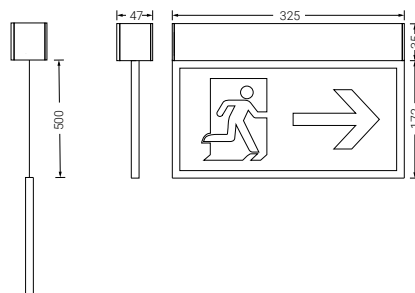
VIEWING DISTANCE

30 m.



EXTRALINE has been born as an evolved version of the SIGNAL7 product range with two models depending on the mode of operation:

- Exit sign model (reference XS), to help locate the exits in the evacuation route.
- Exit sign + emergency lighting model (reference XD), which locates the exits and illuminates the evacuation route at the same time. This second function is achieved by means of a secondary source of light located in the lower part of the pictogram.



CE 850°C LED



Lm 60-100 1/3



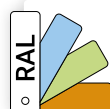
Ni-Cd LiFePO4 Ni-MH

IP 20 IK 07

230 Vac 24 Vdc

EN 60598-2-22 EN 60598-1

EN 1838 | 30 m



AVAILABLE IN OTHER FINISHES




Blade diffuser, suspension kit and pictograms included: 2 PEX-A, 1 PEX-SD, 1 PEX-SU and 1 PEX-W.

Extraline

Standard

Maintained / Non-maintained

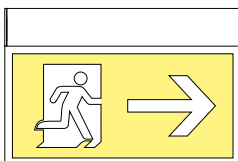
IP 20

		Lm			
XS	White	42 lm	1 h	0,9	12
XD	White	100 lm	1 h	0,9	12
XS3	White	33 lm	3 h	0,9	12
XD3	White	60 lm	3 h	0,9	12

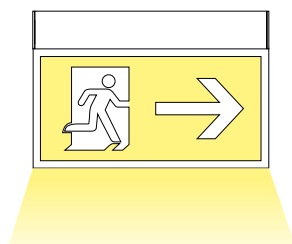
XD Fitting with double function:

Exit sign and emergency lighting

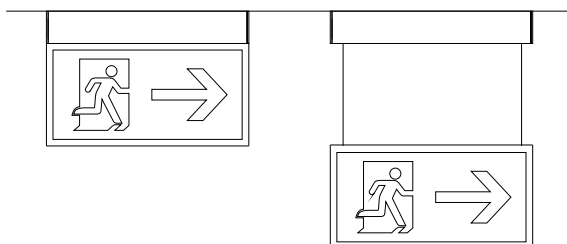
XS



XD



Two different mounting options not requiring extra accessories:
surface mounted on the ceiling or suspended from the ceiling.







Extraline

Autotest

Maintained / Non-maintained

IP
20





		Lm			
XSA	White	42 lm	1 h	0,9	12
XDA	White	100 lm	1 h	0,9	12
XSA3	White	33 lm	3 h	0,9	12
XDA3	White	60 lm	3 h	0,9	12

Intelligent DALI

Compatible with **NormaLINK** 

Maintained / Non-maintained





IP
20

		Lm			
XSID	White	42 lm	1 h	0,8	12
LITHIUM XSIDLi	White	42 lm	1 h	0,8	12
XDID	White	100 lm	1 h	0,9	12
LITHIUM XDIDLi	White	100 lm	1 h	0,8	12
XSID3	White	33 lm	3 h	0,8	12
XDID3	White	60 lm	3 h	0,9	12

Intelligent Wireless

Maintained / Non-maintained




IP
20

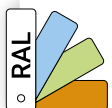
		Lm			
XSID-R	White	42 lm	1 h	0,9	12
XDID-R	White	100 lm	1 h	0,9	12
XSID3-R	White	33 lm	3 h	0,9	12
XDID3-R	White	60 lm	3 h	1,7	12

Central Battery System

Maintained

IP
20

		POWER SUPPLY	Lm	CONSUMPTION	CURRENT		
C24 XS-S24	White	24 Vcc	100 lm	1,0 W	0,042 A	0,8	12
C24 XD-S24	White	24 Vcc	100 lm	2,2 W	0,092 A	0,8	12
C24i XSI-S24	White	24 Vcc	100 lm	2,1 W	0,088 A	0,8	12
C24i XDI-S24	White	24 Vcc	100 lm	2,5 W	0,104 A	0,8	12
XS-S	White	230 Vca	42 lm	1,7 W	0,005 A	0,8	12
XD-S	White	230 Vca	100 lm	2,8 W	0,009 A	0,8	12

AVAILABLE
IN OTHER
FINISHES

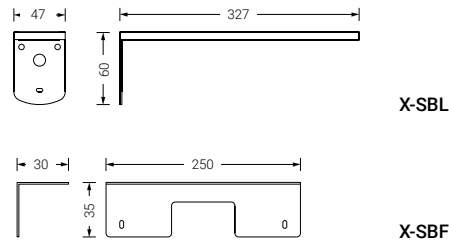
Each fitting includes:

- An XS or XD fitting
- A suspension kit (2 meters).
- Four pictograms (2 PEX-A, 1 PEX-SU, 1 PEX-SD and 1 PEX-W).

Extraline Accessories

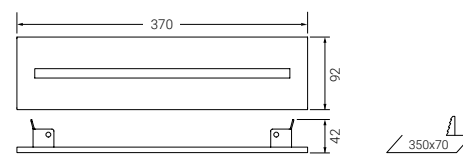
Brackets

- X-SBF** Accessory for paralel to the wall mounting
- X-SBL** Accessory for perpendicular to the wall mounting



Recession frames

- X-ME** Metallic recession frame to install EXTRALINE series fittings into the ceiling (recessed)



Remote controls

- S-TE** Remote control for up to 300 fittings standard or autotest

Pictograms

- Type PEX** Non adhesive pictogram 300x150 mm. *References according to table below*

Type PEX 300 x 150 mm



Maximum viewing distance
(according to EN1838 for
internally illuminated signs)

30 m

Please check for other pictograms



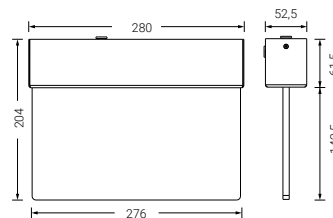
Steeled



VIEWING DISTANCE

24 m.

The STEELED Exit signs have been designed to offer a large viewing distance of 24 m while also offering an innovative and functional design. They consist of stainless steel housing and a methacrylate blade which guarantees toughness and durability.



EN 60598-2-22
EN 60598-1

EN 1838 | 24 m

Each fitting includes:
• Four pictograms (2 PST-A and 2 PST-SD).



Remote controlled

Steeled

Standard

Maintained



IP
20

		Lm			
STP	Acero Inox.	—	1 h	2,8	20
STT	Acero Inox.	—	1 h	2,5	20
STP3	Acero Inox.	—	3 h	3,0	20
STT3	Acero Inox.	—	3 h	2,6	20

Autotest

Maintained

IP
20





		Lm			
STPA	Acero Inox.	—	1 h	2,8	20
STTA	Acero Inox.	—	1 h	3,0	20
STPA3	Acero Inox.	—	3 h	3,0	20
STTA3	Acero Inox.	—	3 h	3,1	20

Intelligent DALI

Compatible with **NormaLINK** 

Maintained

IP
20

		Lm			
STPID	Stainless steel	—	1 h	2,8	20
STTID	Stainless steel	—	1 h	2,7	20
STPID3	Stainless steel	—	3 h	3,0	20
STTID3	Stainless steel	—	3 h	3,1	20

Accessories

Remote control

S-TE Remote control for up to 300 fittings standard or autotest

Pictograms

Type PST Pictogram 250x120 mm. *References according to table below.*

Please check for other pictograms

Type PST 250 x 120 mm

Maximum viewing distance
(according to EN1838 for
internally illuminated signs)

24 m



Parallel to the wall



Perpendicular to the wall

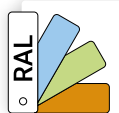
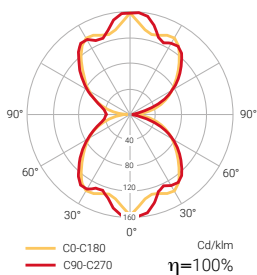


Signal 7



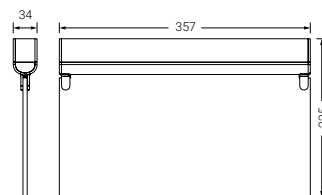
VIEWING DISTANCE

24 m.



AVAILABLE IN OTHER FINISHES

The SIGNAL 7 Exit Signs have been designed as extremely versatile fittings to cover all installation needs. Made with a polycarbonate housing and a methacrylate blade guaranteeing a visibility distance of 24 m.



Remote control option, please contact us



EN 60598-2-22
EN 60598-1





EN 1838 | 24 m

Signal 7

Standard




Non-maintained

IP
20

		Lm			
SGE-K	White	100 lm	1 h	1,0	8

Maintained



IP
20

		Lm			
SG-K	White	100 lm	1 h	0,9	8
SGT-K	White	100 lm	1 h	0,9	8
SGT3-K	White	100 lm	3 h	0,9	8
SG3-K	White	100 lm	3 h	0,9	8

Autotest



Non-maintained

IP
20

		Lm			
SGEA-K	White	100 lm	1 h	1,0	8
SGEA3-K	White	100 lm	3 h	1,0	8

Maintained

IP
20

		Lm			
SGA-K	White	100 lm	1 h	1,0	8
SGA3-K	White	100 lm	3 h	1,0	8



Each fitting includes:

- An SG fitting
- A diffuser blade SG-DB
- Four pictograms (2 left / 1 down / 1 white)
- An SG-AT accessory containing 3 pieces to install the SIGNAL fitting to the wall, either parallel or perpendicular.

Signal 7

Intelligent DALI

Compatible with **NormaLINK**

Non-maintained

IP
20

		Lm			
SGEID3-K	White	50 lm	3 h	0,9	8

Maintained

IP
20

		Lm			
SGID-K	White	50 lm	1 h	0,9	8
SGID3-K	White	50 lm	3 h	0,9	8

Central Battery System

Maintained

IP
20

		POWER SUPPLY	Lm	CONSUMPTION	CURRENT		
C24 SG-S24-K	White	24 Vcc	100 lm	1,7 W	0,071 A	0,9	8
C24i SGI-S24-K	White	24 Vcc	50 lm	2,4 W	0,100 A	0,9	8
SG-S-K	White	230 Vca	100 lm	1,8 W	0,004 A	0,9	8



**AVAILABLE
IN OTHER
FINISHES**

Each fitting includes:

- An SG fitting
- A diffuser blade SG-DB
- Four pictograms (2 left / 1 down / 1 white)
- An SG-AT accessory containing 3 pieces to install the SIGNAL fitting to the wall, either parallel or perpendicular.

Signal 7





Electrified track



Standard

Non-maintained





IP 20

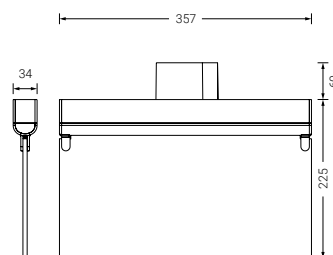
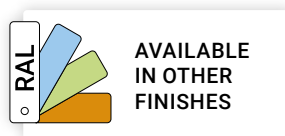
		Lm			
SG-KD	White	—	1 h	3,3	8

Autotest

Maintained

IP 20

		Lm			
SGA3-KD	White	—	3 h	3,4	20



Each fitting includes:

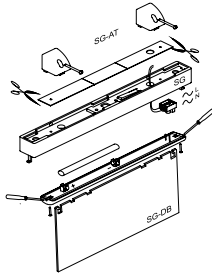
- An SG fitting
- A diffuser blade SG-DB
- Four pictograms (2 left / 1 down / 1 white)

Signal 7 Accessories

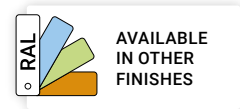
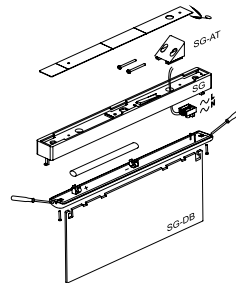
Assembly accessories

SG-AT Fixation to the wall

Parallel to the wall
SG + SG-DB + SG-AT

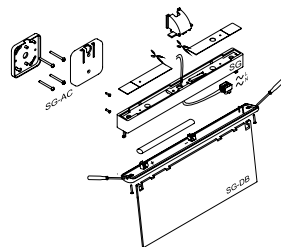


Perpendicular to the wall
SG + SG-DB + SG-AT

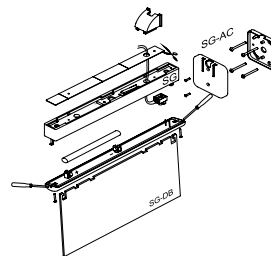


SG-AC Set of accessories for assembly in a recessed universal box. White

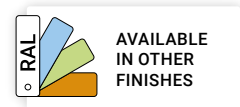
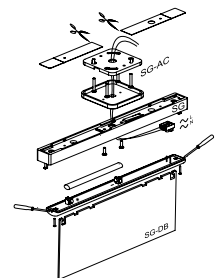
Parallel to the wall



Perpendicular to the wall



Fixation to the wall

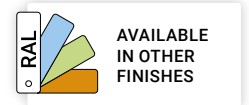
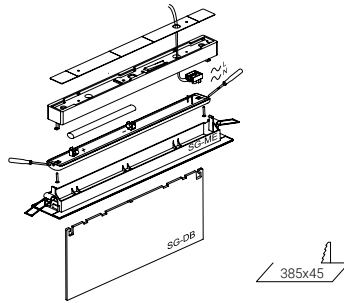


Signal 7 Accessories

Recession frames



SG-ME Recession frame. White colour



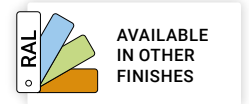
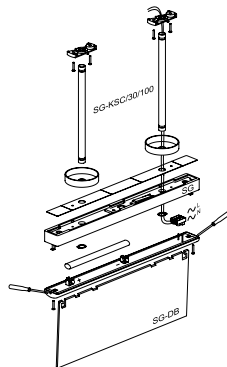
Ceiling mounting accessories



SGKS-C Ceiling suspension accessory 100mm long. White colour

SGKS-30 Ceiling suspension accessory 300mm long. White colour

SGKS-100 Ceiling suspension accessory 1000mm long. White colour



Pictograms

Type SG Non adhesive pictogram 300 x 120 mm. *References according to table below*

! Please check for other pictograms

Type SG 300 x 120 mm



Maximum viewing distance
(according to EN1838 for internally illuminated signs)

24 m

Step lighting





Power supply module
MA24-6
164



Passo
166



Sirio
168



Estela
170



Senda
174



MIB Step light
178



BR Step light
179

Power supply module for step lights

Power supply module for 24v step lights
DIN Rail mounted.





MA24-6

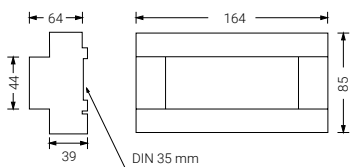
Power supply module for step lights

Technical features:

- Power supply: 230V AC – 50/60 Hz
- Output: 24v DC
- Power: 10,2w
- Maintained / Non maintained functioning through the control input.
- Battery included (7,2v – 1800mA NiMh)
- Duration: 1 hour
- DIN Rail mounted: 10 modules
- Dimensions: 164 x 84 x 64mm
- IP20 IK04
- LEDs indicating functioning, status and battery charge
- LEDs indicating failure and 24v DC output status.
- **Powers up to 17 step lights from the Passo, Sirio, Estela or Senda step lights (24Vcc versions).**

Step lights compatible with MA24-6

- Passo
- Sirio
- Estela recessed
- Estela surface
- Senda recessed
- Senda surface
- MIB
- BR / BRE
- BRU / BREU

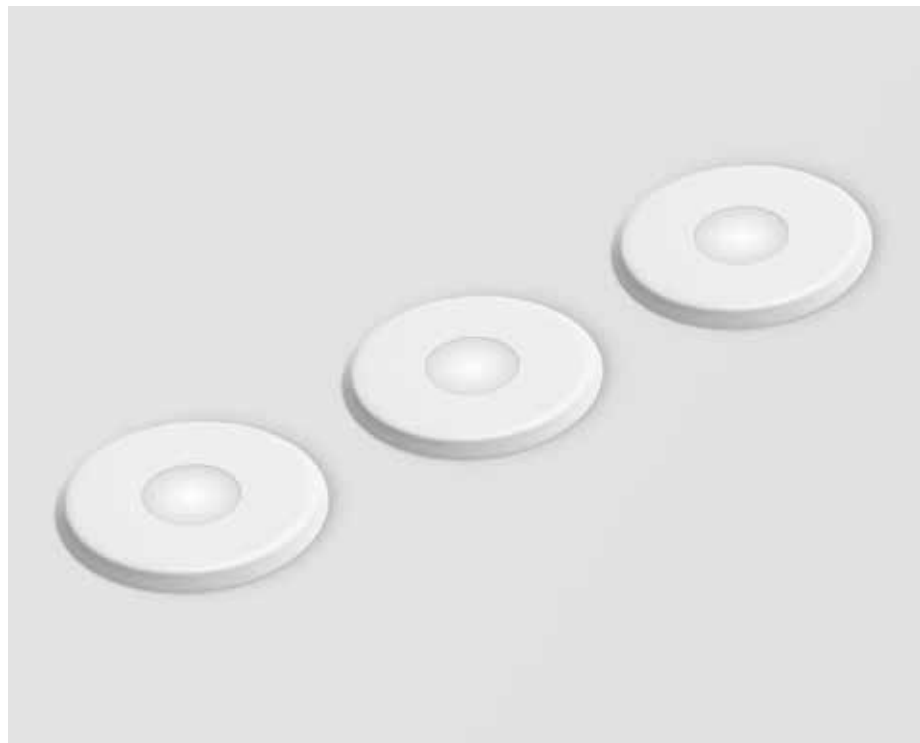




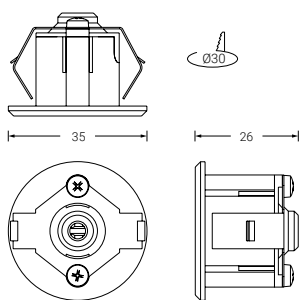
Recessed
exit step light

IP65

Centralized
power supply
24 Vcc

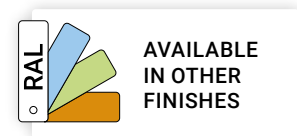


Passo



This equipment requires 24 Vdc power either from a C24 control unit or from the MA24-6 power supply module.

No accessories needed for installation.



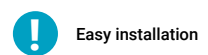
IP
65

	LAMP	COLOUR LED	POWER SUPPLY	CONSUMPTION	
BP24	LED	White	24 Vcc	0,5 W	20
BP24A	LED	Blue	24 Vcc	0,5 W	20
BP24R	LED	Red	24 Vcc	0,5 W	20
BP24V	LED	Green	24 Vcc	0,5 W	20

For other finishings, please consult check.

INDICATIVE CHART OF STEP LIGHTS NUMBER
(batteries are not included)

	Central		Module
	C24-100M	C24-300M	MA24-6
Ref. BP24	200 fittings	600 fittings	17 step lights



Compatible with the C24 central battery system (information on page 182) and with the power supply module for step lights MA24-6 (information on page 164).

Passo

Accessories

Power supply module

MA24-6 Power supply module for 24v step lights DIN Rail mounted.
Up to 17 Passo step lights with a MA24-6 central

Central Battery System

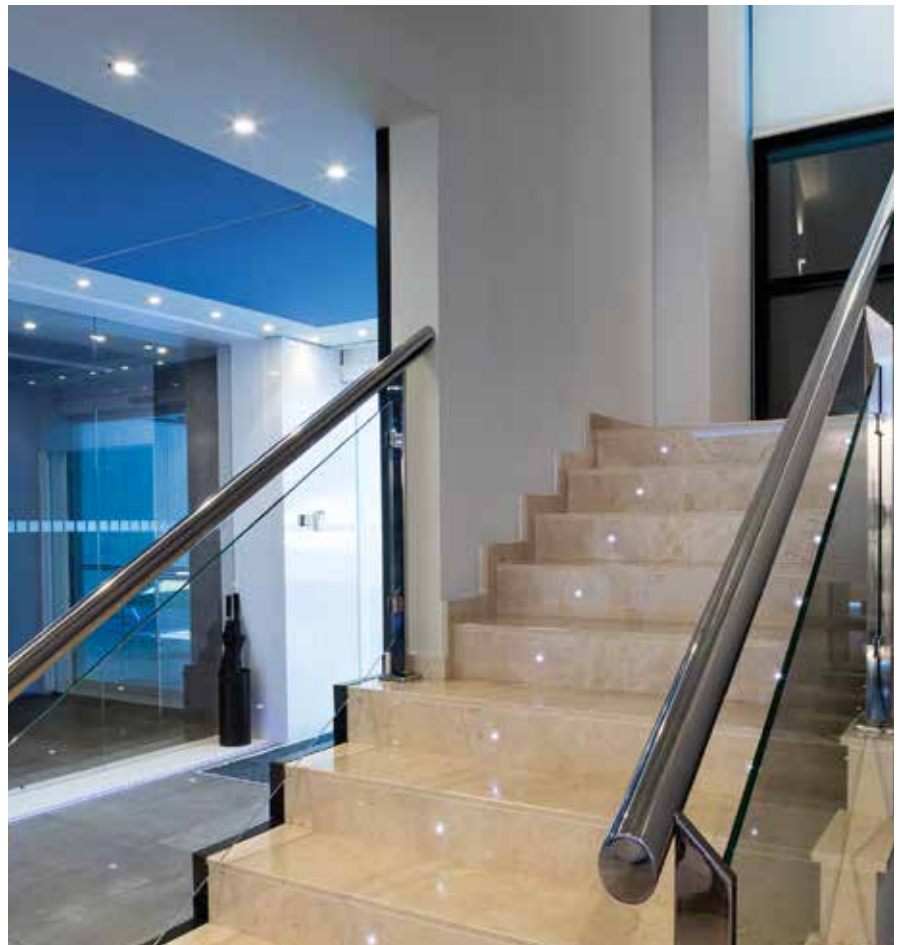
C24-100M Central Battery System 100 W

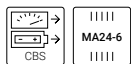
C24-300M Central Battery System 300 W

C24I-300 Central Battery System 300 W addressable



Central Battery Systems are provided without batteries
For more information, please check page 182.



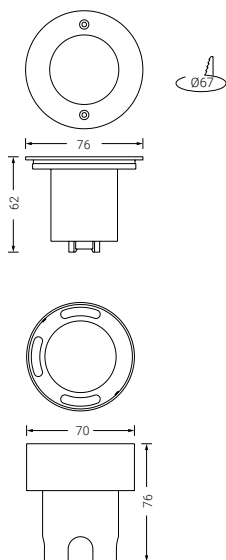


Recessed step light

24V CBS
version available

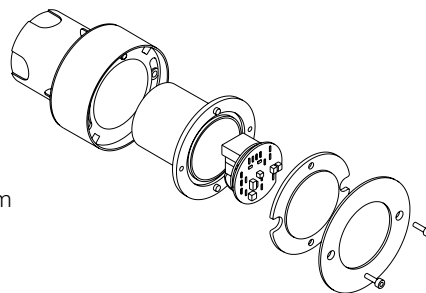


Sirio





Technical features:

- Recessed mounted (recession frame included).
- Reference regulations EN 60598-1
- Power 230V, 50/60 Hz.
- Exterior ring made of ZAMAK with aluminium finishing.
- Housing and diffusor: Polycarbonate
- IP-65. IK-07
- Class II.
- Can be mounted on a flammable surface.
- Charging time 24 hours.
- Possibility of remote control.
- Different light colours.



IP
65

	LAMP	COLOUR LED		BATTERY	COS (φ)	CONSUMPTION	
BS	LED	White	2 h	3,6 V · 80 mAh	0,07	0,28 W	20
BSA	LED	Blue	2 h	3,6 V · 80 mAh	0,07	0,28 W	20
BSR	LED	Red	2 h	3,6 V · 80 mAh	0,07	0,28 W	20
BSV	LED	Green	2 h	3,6 V · 80 mAh	0,07	0,28 W	20

Opción centralizada a **24Vdc** indicar referencia **+ Y**.

 AVAILABLE
IN OTHER
FINISHES

Compatible with the C24 central battery system (information on page 182) and with the power supply module for step lights MA24-6 (information on page 164).



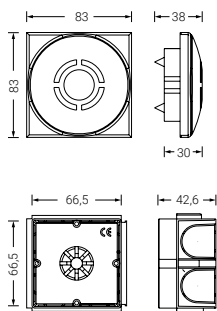


Step light for universal box

24V CBS version available



Estela recessed mounted



REF: ET

REF: ER

REF: EC

Finishing:

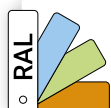
Grey: RAL7047

Anthracite: RAL7015

Aluminium: RAL7004

Technical features::

- Universal box installation.
- Reference regulations EN 60598-1
- Power 230V, 50/60 Hz.
- Versions for 127V 50/60Hz and 24V DC.
- Housing and diffuser: Polycarbonate
- Class II. IP-44. IK-07
- Can be mounted on a flammable surface.
- Charging time 24 hours.
- Possibility of remote control.
- Different light colours.






AVAILABLE
IN OTHER
FINISHES

Compatible with the C24 central battery system (information on page 182) and with the power supply module for step lights MA24-6 (information on page 164).

Estela recessed mounted

IP
44

		LAMP	COLOUR LED		BATTERY	COS (φ)	CONSUMPTION	
EC-E	Grey	LED	White	1 h	3,6 V · 60 mAh	0,07	0,35 W	20
ER-E	Grey	LED	White	1 h	3,6 V · 60 mAh	0,07	0,35 W	20
ET-E	Grey	LED	White	1 h	3,6 V · 60 mAh	0,07	0,35 W	20
ECA-E	Grey	LED	Blue	1 h	3,6 V · 60 mAh	0,07	0,35 W	20
ERA-E	Grey	LED	Blue	1 h	3,6 V · 60 mAh	0,07	0,35 W	20
ETA-E	Grey	LED	Blue	1 h	3,6 V · 60 mAh	0,07	0,35 W	20
ECR-E	Grey	LED	Red	1 h	3,6 V · 60 mAh	0,07	0,35 W	20
ERR-E	Grey	LED	Red	1 h	3,6 V · 60 mAh	0,07	0,35 W	20
ETR-E	Grey	LED	Red	1 h	3,6 V · 60 mAh	0,07	0,35 W	20
ECV-E	Grey	LED	Green	1 h	3,6 V · 60 mAh	0,07	0,35 W	20
ERV-E	Grey	LED	Green	1 h	3,6 V · 60 mAh	0,07	0,35 W	20
ETV-E	Grey	LED	Green	1 h	3,6 V · 60 mAh	0,07	0,35 W	20

Available **24v DC**, ref. + Y

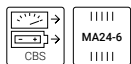
Finishes

- Grey**
- Anthracite**
Add *-1* to the Grey reference.
Check additional costs.
- Aluminium**
Add *-2* to the Grey reference.
Check additional costs.

Accessories

Remote control

S-TE Remote control for up to 300 fittings standard or autotest

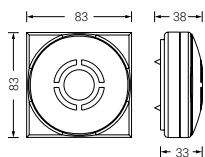


Surface
mounted
step light

24V CBS
version available



Estela surface mounted



REF.: **ET**

REF.: **ER**

REF.: **EC**

Finishing:

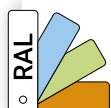
Grey: RAL7047

Anthracite: RAL7015

Aluminium: RAL7004

Technical features:

- Surface mounted.
- Reference regulations EN 60598-1
- Power 230V, 50/60 Hz.
- Versions for 127V 50/60Hz and 24V DC.
- Housing and diffuser: Polycarbonate
- Class II. IP-44. IK-07
- Can be mounted on a flammable surface.
- Charging time 24 hours.
- Possibility of remote control.
- Different light colours.






AVAILABLE
IN OTHER
FINISHES

Compatible with the C24 central battery system (information on page 182) and with the power supply module for step lights MA24-6 (information on page 164).

Estela surface mounted

IP
44

		LAMP	COLOUR LED		BATTERY	COS (φ)	CONSUMPTION	
EC-S	Grey	LED	White	1 h	3,6 V · 60 mAh	0,07	0,35 W	20
ER-S	Grey	LED	White	1 h	3,6 V · 60 mAh	0,07	0,35 W	20
ET-S	Grey	LED	White	1 h	3,6 V · 60 mAh	0,07	0,35 W	20
ECA-S	Grey	LED	Blue	1 h	3,6 V · 60 mAh	0,07	0,35 W	20
ERA-S	Grey	LED	Blue	1 h	3,6 V · 60 mAh	0,07	0,35 W	20
ETA-S	Grey	LED	Blue	1 h	3,6 V · 60 mAh	0,07	0,35 W	20
ECR-S	Grey	LED	Red	1 h	3,6 V · 60 mAh	0,07	0,35 W	20
ERR-S	Grey	LED	Red	1 h	3,6 V · 60 mAh	0,07	0,35 W	20
ETR-S	Grey	LED	Red	1 h	3,6 V · 60 mAh	0,07	0,35 W	20
ECV-S	Grey	LED	Green	1 h	3,6 V · 60 mAh	0,07	0,35 W	20
ERV-S	Grey	LED	Green	1 h	3,6 V · 60 mAh	0,07	0,35 W	20
ETV-S	Grey	LED	Green	1 h	3,6 V · 60 mAh	0,07	0,35 W	20

Available **24v DC**, ref: + Y

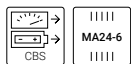
Finishes

- Grey**
- Anthracite**
Add *-1* to the Grey reference.
Check additional costs.
- Aluminium**
Add *-2* to the Grey reference.
Check additional costs.

Accessories

Remote control

S-TE Remote control for up to 300 fittings standard or autotest

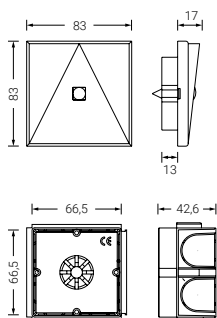


Step light for universal box

24V CBS version available



Senda recessed mounted



REF: NT

REF: NR

REF: NC

Finishing:

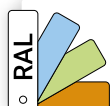
Grey: RAL7047

Anthracite: RAL7015

Aluminium: RAL7004

Technical features:

- Universal box installation.
- Reference norms EN 60598-1
- Power 230V, 50/60 Hz.
- Versions for 127V 50/60Hz and 24V DC.
- Housing and diffuser: Polycarbonate
- Class II. IP-44. IK-07
- Can be mounted on a flammable surface.
- Charging time 24 hours.
- Possibility of remote control.
- Different light colours.





AVAILABLE
IN OTHER
FINISHES

Compatible with the C24 central battery system (information on page 182) and with the power supply module for step lights MA24-6 (information on page 164).

Senda recessed mounted

IP
44

		LAMP	COLOUR LED		BATTERY	COS (φ)	CONSUMPTION	
NC-E	Grey	LED	White	1 h	3,6 V · 60 mAh	0,07	0,35 W	20
NR-E	Grey	LED	White	1 h	3,6 V · 60 mAh	0,07	0,35 W	20
NT-E	Grey	LED	White	1 h	3,6 V · 60 mAh	0,07	0,35 W	20
NCA-E	Grey	LED	Blue	1 h	3,6 V · 60 mAh	0,07	0,35 W	20
NRA-E	Grey	LED	Blue	1 h	3,6 V · 60 mAh	0,07	0,35 W	20
NTA-E	Grey	LED	Blue	1 h	3,6 V · 60 mAh	0,07	0,35 W	20
NCR-E	Grey	LED	Red	1 h	3,6 V · 60 mAh	0,07	0,35 W	20
NRR-E	Grey	LED	Red	1 h	3,6 V · 60 mAh	0,07	0,35 W	20
NTR-E	Grey	LED	Red	1 h	3,6 V · 60 mAh	0,07	0,35 W	20
NCV-E	Grey	LED	Green	1 h	3,6 V · 60 mAh	0,07	0,35 W	20
NRV-E	Grey	LED	Green	1 h	3,6 V · 60 mAh	0,07	0,35 W	20
NTV-E	Grey	LED	Green	1 h	3,6 V · 60 mAh	0,07	0,35 W	20

Available **24v DC**, ref: + Y

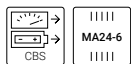
Finishes

- Grey**
- Anthracite**
Add *-1* to the Grey reference.
Check additional costs.
- Aluminium**
Add *-2* to the Grey reference.
Check additional costs.

Accessories

Remote control

S-TE Remote control for up to 300 fittings standard or autotest

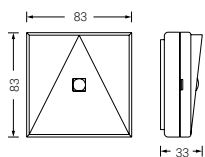


Surface
mounted
step light

24V CBS
version available



Senda surface mounted



REF: **NT**

REF: **NR**

REF: **NC**

Finishing:

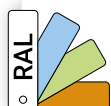
Grey: RAL7047

Anthracite: RAL7015

Aluminium: RAL7004

Technical features:

- Surface mounted.
- Reference regulations EN 60598-1
- Power 230V, 50/60 Hz.
- Versions for 127V 50/60Hz and 24V DC.
- Housing and diffuser: Polycarbonate.
- Class II. IP-44. IK-07
- Can be mounted on a flammable surface.
- Charging time 24 hours.
- Possibility of remote control.
- Different light colours.






AVAILABLE
IN OTHER
FINISHES

Compatible with the C24 central battery system (information on page 182) and with the power supply module for step lights MA24-6 (information on page 164).

Senda surface mounted

IP
44

		LAMP	COLOUR LED		BATTERY	COS (φ)	CONSUMPTION	
NC-S	Grey	LED	White	1 h	3,6 V · 60 mAh	0,07	0,35 W	20
NR-S	Grey	LED	White	1 h	3,6 V · 60 mAh	0,07	0,35 W	20
NT-S	Grey	LED	White	1 h	3,6 V · 60 mAh	0,07	0,35 W	20
NCA-S	Grey	LED	Blue	1 h	3,6 V · 60 mAh	0,07	0,35 W	20
NRA-S	Grey	LED	Blue	1 h	3,6 V · 60 mAh	0,07	0,35 W	20
NTA-S	Grey	LED	Blue	1 h	3,6 V · 60 mAh	0,07	0,35 W	20
NCR-S	Grey	LED	Red	1 h	3,6 V · 60 mAh	0,07	0,35 W	20
NRR-S	Grey	LED	Red	1 h	3,6 V · 60 mAh	0,07	0,35 W	20
NTR-S	Grey	LED	Red	1 h	3,6 V · 60 mAh	0,07	0,35 W	20
NCV-S	Grey	LED	Green	1 h	3,6 V · 60 mAh	0,07	0,35 W	20
NRV-S	Grey	LED	Green	1 h	3,6 V · 60 mAh	0,07	0,35 W	20
NTV-S	Grey	LED	Green	1 h	3,6 V · 60 mAh	0,07	0,35 W	20

Available **24v DC**, ref: + Y

Finishes

- Grey**
- Anthracite**
Add *-1* to the Grey reference.
Check additional costs.
- Aluminium**
Add *-2* to the Grey reference.
Check additional costs.

Accessories

Remote control

S-TE Remote control for up to 300 fittings standard or autotest

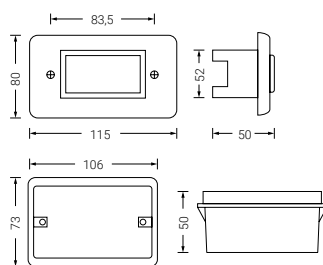


Step light

24V CBS
version available



MIB Step light



Technical features:

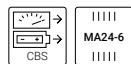
- White LED.
- Assembly: includes recession box.
- Reference norms EN 60598-1
- Signalling with a LED.
- Power 230V, 50/60 Hz.
- Housing and diffusor: Polycarbonate
- Charging time 24 hours.
- Possibility of remote control.

IP
42

Compatible with the C24 central battery system (information on page 182) and with the power supply module for step lights MA24-6 (information on page 164).

	LAMP		GRADO IP		BATTERY	
MIB	LED	Glass	42	1 h	3,6 V · 60 mAh	20

LEDs available in different colors.
Available 24v DC, ref: + Y



Step light

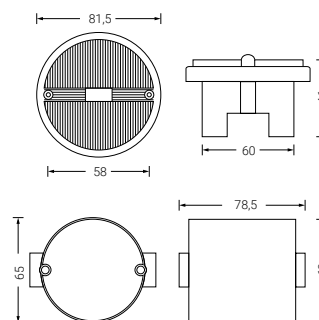
24V CBS
version available

BR Step light

BR/BRE

Technical features:

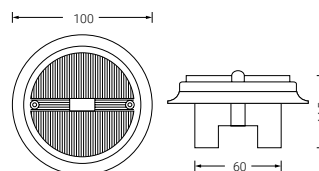
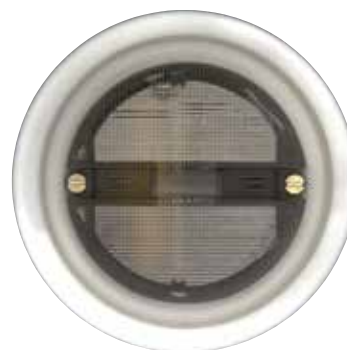
- White LED.
- Assembly: includes recession box.
- Reference norms EN 60598-1
- Signalling with a LED.
- Power 230V, 50/60 Hz.
- Housing and diffuser: Polycarbonate
- Charging time 24 hours.
- Possibility of remote control.
- IP 42 in Ref. BR.
- IP 65 in Ref. BRE.



BRU/BREU

Technical features:

- White LED.
- Universal box installation (two screws).
- Reference norms EN 60598-1
- Signalling with a LED.
- Power 230V, 50/60 Hz.
- Housing and diffuser: Polycarbonate
- Charging time 24 hours.
- Possibility of remote control.
- IP 42 in Ref. BRU.
- IP 65 in Ref. BREU.
- White frame.



Compatible with the C24 central battery system (information on page 182) and with the power supply module for step lights MA24-6 (information on page 164).

	LAMP		IP		BATTERY	
BR	LED	Grey	42	1 h	3,6 V · 60 mAh	20
BRU	LED	Grey	42	1 h	3,6 V · 60 mAh	20
BRE	LED	Grey	65	1 h	3,6 V · 60 mAh	20
BREU	LED	Grey	65	1 h	3,6 V · 60 mAh	20

LEDs available in different colors.
Available **24v DC**, ref. + Y



Central Battery System



C24
182

Emergency kits



Kira Led
186



Kenlux
188



Versatile
190

Emergency lights for elevators



Emergency lights for elevators
192

Light paths



Light paths
193

Central Battery System

The family of C24 Central Battery Systems enables remote supply of 24 Vdc emergency luminaires.

C24



C24-100M

! Compatible with Modbus RTU



C24-300M

! Covers one fire sector

! Compatible with Modbus RTU



C24i-300 | Sistema Addressable

! Covers one fire sector

! Compatible with Normalink
Compatible with Modbus IP
Monitoring from the Normalink app and the Normalink BMS software



Autotest System

(functional test + autonomy test)

Compatible with MODBUS

Central Battery System

As an innovation, Normalux launches a second generation of Central Battery Systems named C24i Addressable. These new centrals are able to control each fitting connected to them individually, and manage several options (turning on and off, dimming, test execution, etc), as well as monitoring the status of each luminaire.

While the basic version offers two references depending on the output power (C24-100M at 100 W and C24-300M at 300 W), in this new version there is just one reference of 300 W (C24i-300).

C24i-300 addressable has 8 outputs, as opposed to C24 standard models that have only 4.

Intelligent control that helps to identify any possible problems and enables the control of:

- The Central unit itself and each of the 4 outputs of the standard version.
- The central unit itself, the outputs and each luminaire individually in the C24i-300 version.

All the fittings can be remotely controlled from a PC or a master Central (MODBUS).

C24i-300 fitting is compatible with Normalink. No external elements are needed.

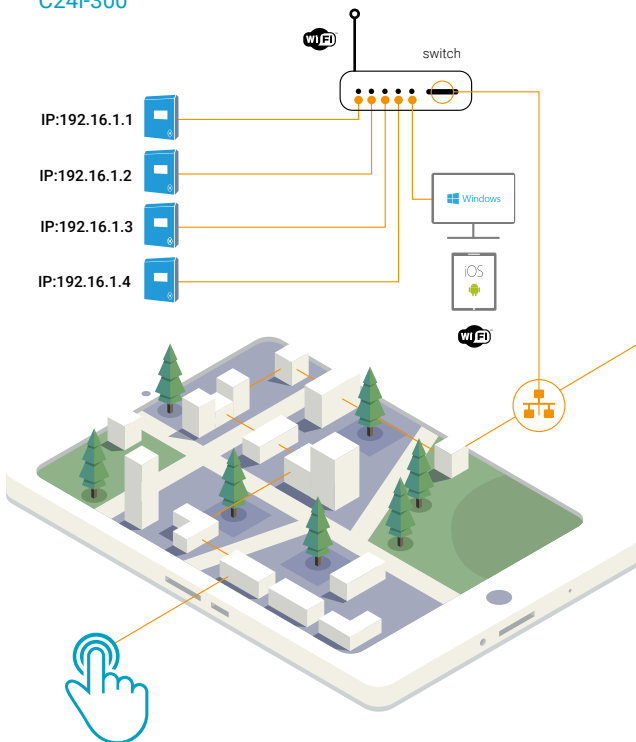
Ranges compatible with 24 Vdc

Via R
Via S
Via W
Dunna
Hermetic
Extraplana
Volutta
Excellence
Europrisma
ExtraLine
Signal
Estela
Senda
Sirio
Passo
MIB, BR, BRU
Light paths

Control options

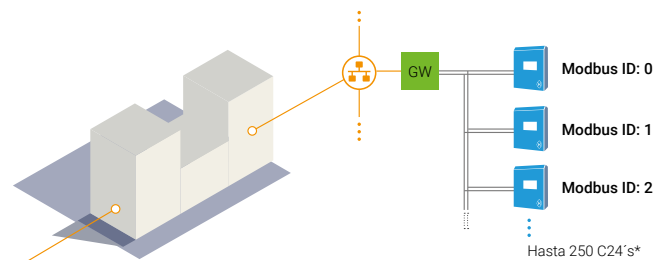
Through Normalink

C24i-300



Through Modbus

C24-100
C24-300



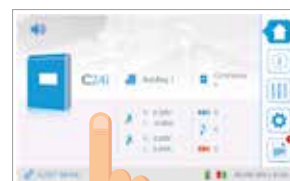
GW

Gateway
(Modbus Rtu to...)

Shielded twisted pair
2 x 1,5 mm²
Maximum distance:
1.000 m.

* Depends on the limitations of the gateway.

HOME



CONFIGURATION



CONTROL



Central Battery System



Models

C24-100M

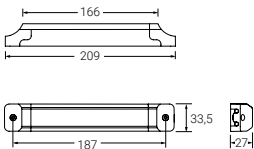
C24-300M

Batteries	2 x 12 V · 7 Ah			2 x 12 V · 9 Ah			2 x 12 V · 12 Ah			2 x 12 V · 18 Ah			2 x 12 V · 24 Ah		
	1 h	3 h	8 h	1 h	3 h	8 h	1 h	3 h	8 h	1 h	3 h	8 h	1 h	3 h	8 h
Autonomy															
Total power output (W)	88 W	36 W	14 W	115 W	48 W	19 W	154 W	66 W	27 W	234 W	105 W	42 W	314 W	136 W	58 W
Maximum current (A)	3,86	1,70	0,76	4,97	2,19	0,97	6,62	2,92	1,30	9,94	4,39	1,95	13,25	5,85	2,60
Phase monitor input			✓									✓			
Output control				4									4		
Potential free contacts			✓									✓			
Function indicator			✓									✓			
Supply indicator for battery			✓									✓			
Failure			✓									✓			
Network supply indicator			✓									✓			
Battery supply indicator			✓									✓			
Failure alarm indicator			✓									✓			
Full discharge indicator			✓									✓			
Active output indicator			✓									✓			
Communication via bus			Modbus-RTU									Modbus-RTU			

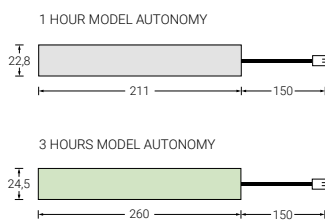


Kira Led

Driver



Battery



Technical features:

- Emergency kits for LED luminaires
- Designed according to norm: EN61347-2-7.
- Charge LED.
- Power supply: 230V, 50Hz.
- Versions: Standard or Autotest
- Charging time: 24 h.
- Functioning mode: Non-maintained.
- Duration: 1 h or 3 h versions
- Batteries: NiCd (1 hour models autonomy) and NiMh with pulsing charge (3 hours models autonomy).
- Driver dimensions: 215x33,5x30 mm.
- Battery dimensions: 22,8 x 211 mm (1 hour models autonomy) y 24,5x260 mm (3 hours models autonomy)
- Class II, IP-20, IK-07
- Cable retainer.
- Protected against open circuits and shortcuts.
- Led indicator in standard versions.
- Charge and status Led indicator in autotest versions.
- Includes test push button.
- Constant power output: control of the output power by microcontroller in order to adequate to the tension of the LED module connected and improve its performance (higher lumen output through the battery).
- Possibility of installation inside or outside the luminaire.
- Can withstand short circuits.

Kira Led

SELV Safety Extra-Low Voltage**INTERIOR** | Fittings to be installed inside the luminaire

Standard

IP
20

	WORKING TEMPERATURE RANGE	CHARGING CURRENT	DISCHARGING CURRENT	OUTPUT VOLTAGE RANGE	DURATION	BATTERY	INPUT POWER WITH MAINS	INPUT CURRENT WITH MAINS	OUTPUT POWER EMERGENCY	OUTPUT CURRENT EMERGENCY
SELV KXYLED-50	5°C-45°C	75-95 mA	650-900 mA	10-50 V	1 h	6 V · 1,5 Ah NiCd	1,3 W	14 mA	3,75 W	75-375 mA
SELV KXYLED3-50	5°C-45°C	200-220 mA	650-900 mA	10-50 V	3 h	6 V · 4,0 Ah NiCd	2,4 W	21 mA	3,75 W	75-375 mA
KXYLED-200	5°C-45°C	75-95 mA	650-900 mA	50-220 V	1 h	6 V · 1,5 Ah NiCd	1,3 W	14 mA	3,75 W	15-75 mA
KXYLED3-200	5°C-45°C	200-220 mA	650-900 mA	50-220 V	3 h	6 V · 4,0 Ah NiCd	2,4 W	21 mA	3,75 W	15-75 mA

Autotest

IP
20

	WORKING TEMPERATURE RANGE	CHARGING CURRENT	DISCHARGING CURRENT	OUTPUT VOLTAGE RANGE	DURATION	BATTERY	INPUT POWER WITH MAINS	INPUT CURRENT WITH MAINS	OUTPUT POWER EMERGENCY	OUTPUT CURRENT EMERGENCY
SELV KXYLEDA-50	5°C-45°C	75-95 mA	650-900 mA	10-50 V	1 h	6 V · 1,5 Ah NiCd	1,3 W	14 mA	3,75 W	75-375 mA
SELV KXYLEDA3-50	5°C-45°C	200-220 mA	650-900 mA	10-50 V	3 h	6 V · 4,0 Ah NiCd	2,4 W	21 mA	3,75 W	75-375 mA
KXYLEDA-200	5°C-45°C	75-95 mA	650-900 mA	50-220 V	1 h	6 V · 1,5 Ah NiCd	1,3 W	14 mA	3,75 W	15-75 mA
KXYLEDA3-200	5°C-45°C	200-220 mA	650-900 mA	50-220 V	3 h	6 V · 4,0 Ah NiCd	2,4 W	21 mA	3,75 W	15-75 mA

Intelligent DALI

Compatible with **NormaLINK** IP
20

	WORKING TEMPERATURE RANGE	CHARGING CURRENT	DISCHARGING CURRENT	OUTPUT VOLTAGE RANGE	DURATION	BATTERY	INPUT POWER WITH MAINS	INPUT CURRENT WITH MAINS	OUTPUT POWER EMERGENCY	OUTPUT CURRENT EMERGENCY
SELV KXYLEDID-50	5°C-45°C	75-95 mA	650-900 mA	10-50 V	1 h	6 V · 1,5 Ah NiCd	1,3 W	14 mA	3,75 W	75-375 mA
SELV KXYLEDID3-50	5°C-45°C	200-220 mA	650-900 mA	10-50 V	3 h	6 V · 4,0 Ah NiCd	2,4 W	21 mA	3,75 W	75-375 mA
KXYLEDID-200	5°C-45°C	75-95 mA	650-900 mA	50-220 V	1 h	6 V · 1,5 Ah NiCd	1,3 W	14 mA	3,75 W	15-75 mA
KXYLEDID3-200	5°C-45°C	200-220 mA	650-900 mA	50-220 V	3 h	6 V · 4,0 Ah NiCd	2,4 W	21 mA	3,75 W	15-75 mA

EXTERIOR | Fittings to be installed outside the luminaire

Standard

IP
20

	WORKING TEMPERATURE RANGE	CHARGING CURRENT	DISCHARGING CURRENT	OUTPUT VOLTAGE RANGE	DURATION	BATTERY	INPUT POWER WITH MAINS	INPUT CURRENT WITH MAINS	OUTPUT POWER EMERGENCY	OUTPUT CURRENT EMERGENCY
SELV KXYLED-50E	5°C-45°C	75-95 mA	650-900 mA	10-50 V	1 h	6 V · 1,5 Ah NiCd	1,3 W	14 mA	3,75 W	75-375 mA
SELV KXYLED3-50E	5°C-45°C	200-220 mA	650-900 mA	10-50 V	3 h	6 V · 4,0 Ah NiCd	2,4 W	21 mA	3,75 W	75-375 mA
KXYLED-200E	5°C-45°C	75-95 mA	650-900 mA	50-220 V	1 h	6 V · 1,5 Ah NiCd	1,3 W	14 mA	3,75 W	15-75 mA
KXYLED3-200E	5°C-45°C	200-220 mA	650-900 mA	50-220 V	3 h	6 V · 4,0 Ah NiCd	2,4 W	21 mA	3,75 W	15-75 mA

Autotest

IP
20

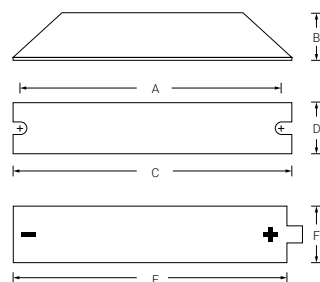
	WORKING TEMPERATURE RANGE	CHARGING CURRENT	DISCHARGING CURRENT	OUTPUT VOLTAGE RANGE	DURATION	BATTERY	INPUT POWER WITH MAINS	INPUT CURRENT WITH MAINS	OUTPUT POWER EMERGENCY	OUTPUT CURRENT EMERGENCY
SELV KXYLEDA3-50E	5°C-45°C	200-220 mA	650-900 mA	10-50 V	3 h	6 V · 4,0 Ah NiCd	2,4 W	21 mA	3,75 W	75-375 mA
KXYLEDA3-200E	5°C-45°C	200-220 mA	650-900 mA	50-220 V	3 h	6 V · 4,0 Ah NiCd	2,4 W	21 mA	3,75 W	15-75 mA



Kenlux

Technical features:



- Kit for conversion into emergency lighting.
- Reference Norm: EN 60924.
- Charge signaling with a LED.
- Power 230V, 50/60 Hz.
- Charging time 24 hours.
- Possibility of remote control.



	A	B	C	D	E	F
KEN 1-18	163	32	173	39	127	22
KEN 3-18	163	32	173	39	176	33
KEN 1-36	163	32	173	39	127	22
KEN 3-36	163	32	173	39	176	33
KEN 1-58	163	32	173	39	169	22
KEN 3-58	163	32	173	39	235	33
KEN S1UNIV	163	32	173	39	295	33
KEN 1-14 T5	163	32	173	39	353	33
KEN 1-21 T5	163	32	173	39	353	33
KEN 1-24 T5	163	32	173	39	353	33
KEN 1-28 T5	163	32	173	39	353	33
KEN 1-35 T5	163	32	173	39	353	33
KEN 1-39 T5	163	32	173	39	353	33
KEN 1-49 T5	163	32	173	39	353	33
KEN 1-54 T5	163	32	173	39	353	33
KEN1-UNI	41	239	44	295	33	



Kenlux

Standard



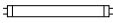






	BATTERY		BALLAST LUMEN FACTOR	
KEN1-18	3,6 V · 1,5 Ah	18W: 1 hour	18W: 17%	20
KEN3-18	3,6 V · 4,0 Ah	18W: 3 hours	18W: 12%	20
KEN1-36	3,6 V · 1,5 Ah	36W: 1 hour	18W: 17% - 36W: 8%	20
KEN3-36	3,6 V · 4,0 Ah	36W: 3 hours	18W: 17% - 36W: 8%	20
KEN1-58	4,8 V · 1,5 Ah	58W: 1 hour	58W: 8%	20
KEN3-58	4,8 V · 4,0 Ah	58W: 3 hours	58W: 6,5%	20
KENS1-UNI	6,0 V · 4,0 Ah	18W: 2 hours 36W: 1,5 hours 58W: 1 hour	18W: 39% 36W: 25% 58W: 18%	20
KEN1-14T5	7,2 V · 4,0 Ah	14W TL5 HE: 1 hour	14W TL5 HE: 63%	12
KEN1-21T5	7,2 V · 4,0 Ah	21W TL5 HE: 1 hour	21W TL5 HE: 51%	20
KEN1-24T5	7,2 V · 4,0 Ah	24W TL5 HO: 1 hour	24W TL5 HO: 44%	20
KEN1-28T5	7,2 V · 4,0 Ah	28W TL5 HE: 1 hour	28W TL5 HE: 42%	20
KEN1-35T5	7,2 V · 4,0 Ah	35W TL5 HE: 1 hour	35W TL5 HE: 31%	12
KEN1-39T5	7,2 V · 4,0 Ah	39W TL5 HO: 1 hour	39W TL5 HO: 26%	20
KEN1-49T5	7,2 V · 4,0 Ah	49W TL5 HO: 1 hour	49W TL5 HO: 24%	12
KEN1-54T5	7,2 V · 4,0 Ah	54W TL5 HO: 1 hour	54W TL5 HO: 21%	12

Intelligent DALI

Compatible with 

	BATTERY		BALLAST LUMEN FACTOR	
KENI1-UNI	6,0V 4,0Ah	18W: 2 hours 36W: 1,5 hours 58W: 1 hour	18W: 39% 36W: 25% 58W: 18%	20

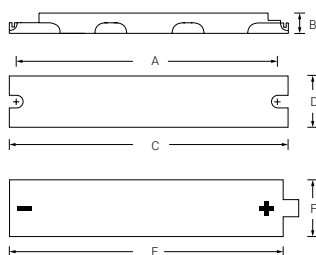
KENS1-UNI. Compatibility and duration

	LAMP	PLAMP (W/h)	THEORETICAL LUMEN OUTPUT	BLF	LUMEN OUTPUT (lm)
	TC-DEL 18W	18	1200	43%	510
	TC-DEL 26W	26	1800	34%	604
	TC-TEL 18W	18	1200	37%	445
	TC-TEL 32W	32	2400	24%	584
	TC-TEL 42W	42	3200	23%	733
	T8-18W	18	1350	39%	528
	T8-36W	36	3350	24%	806
	T8-58W	58	5200	18%	951
	T5-HE 14W	14	1350	41%	548
	T5-HE 21W	21	2100	39%	822
	T5-HO 24W	24	2000	32%	643
	T5-HO 39W	39	3500	26%	902
	TC-L 18W	18	1200	31%	367
	TC-L 24W	24	1800	34%	604
	TC-L 36W	36	2900	28%	810
	TC-L 55W	55	4800	19%	894
	TC-F 18W	18	1100	21%	230
	TC-F 24W	24	1700	19%	328
	TC-F 36W	36	2800	21%	596
	TC-DD 21W	21	1500	37%	550
	TC-DD 28W	28	2050	32%	665
	FC-22W	22	875	38%	332
	FC-32W	32	1550	34%	528
	FC-40W	40	2090	34%	709

*BLF: Percentage of luminic power emmitted / nominal luminic power of the lamp.



Versatile





Technical features:

- 230V 50/60 Hz.
- Norms EN 55015, EN 61347-2-7, EN 61000-3-2.
- Low Power Directive EC 72/23/CE.
- Electromagnetic Compatibility Directive 2004/108/CE.
- Temperature: 10°C a 40°C.
- Batteries: two options available changing the position of an internal bridge:
 - Batteries Ni/Cd de 7.2V/1.5Ah 1 h Autonomy.
 - Batteries Ni/Cd de 7.2V/4 Ah 3 h Autonomy.
- Physical features:
 - Size: 316 mm x 32mm x 25 mm (height)
 - Housing: Polycarbonate plastic.
 - Cage clamps in the input and output for lamps and connection to electronic ballast.
- Others:
 - Green Led to show the correct charge of the batteries.
 - Compatible with all the electronic ballasts.
 - Compatible with Normalux' remote control S-TE.
- Lamps:
 - Can be used with all fluorescent lamps from 18W to 58W




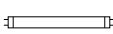
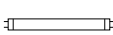




	A	B	C	D	E	F
VKIT	316	25	32	304	255	23
VKIT3	316	25	32	304	360	33

Versatile

IP 20

	BATTERY		
VKIT	7,2 V · 1,5 Ah	1 h	20
VKIT3	7,2 V · 4,0 Ah	3 h	20

VERSATILE. Compatibility and duration

	LAMP	PLAMP (W/h)	THEORETICAL LUMEN OUTPUT	BLF	LUMEN OUTPUT (lm)
	TC-DEL 18W	18	1200	18%	220
	TC-DEL 26W	26	1800	16%	286
	TC-TEL 18W	18	1200	16%	191
	TC-TEL 32W	32	2400	9%	219
	TC-TEL 42W	42	3200	10%	320
	T8-18W	18	1350	14%	195
	T8-36W	36	3350	10%	342
	T8-58W	58	5200	7%	366
	T5-HE 14W	14	1350	20%	274
	T5-HE 21W	21	2100	14%	300
	T5-HE 28W	28	2900	14%	415
	T5-HO 24W	24	2000	14%	274
	T5-HO 39W	39	3500	11%	377
	T5-HO 54W	54	5000	8%	389
	T5-HE 35W	35	3650	12%	437
	TC-L 18W	18	1200	13%	152
	TC-L 24W	24	1800	15%	262
	TC-L 36W	36	2900	11%	320
	TC-L 55W	55	4800	10%	457
	TC-F 18W	18	1100	10%	110
	TC-F 24W	24	1700	11%	195
	TC-F 36W	36	2800	10%	276
	TC-DD 21W	21	1500	15%	218
	TC-DD 28W	28	2050	14%	284
	FC-22W	22	875	17%	147
	FC-32W	32	1150	18%	211
	FC-40W	40	2090	13%	282

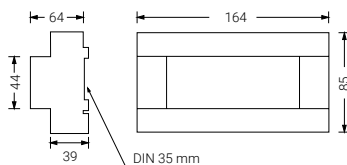
*BLF: Percentage of luminic power emmitted / nominal luminic power of the lamp.

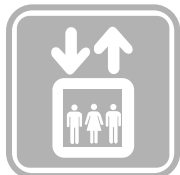
Accessories

Remote controls

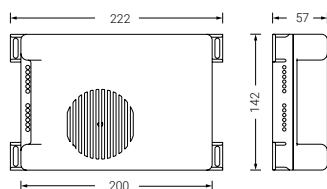


S-TE Remote control for up to 300 fittings standard or autotest








Emergency lights for elevators



Emergency light for elevators, which includes an acoustic alarm, maintained output of 6v maximum 40mA and potential free relay: 10A, $\cos = 1 \phi$

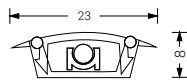
CE

IP
20

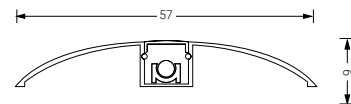
	BALLAST LUMEN FACTOR	LAMP		BATTERY	CONSUMPTION	ALARM		COS (φ)	
ASFL-18	24	TL-D 18 W	1 h	6,0V 1,5Ah	3 W	90 dB - 1 mts	0,9	1,1	1
ASFL-36	12	TL-D 36 W	1 h	6,0V 1,5Ah	3 W	90 dB - 1 mts	0,9	0,8	1



PLEMP



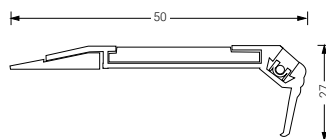
PLEMP



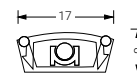
PLUNI



PLUNI



PLESC



PLSUP



PLESC



PLSUP

Light paths

LED path light manufactured in aluminium with multiple uses: corridors, stairs, theatres or malls. Powered at 24v DC, are compatible with the C24-100M and C24-300M central battery systems (up to 400 meters with C24-100M model and up to 1200 meters with C24-300M model). Information on page 182.



Four light paths available:



	INSTALLATION	W/m	m (C24-100M)	m (C24-300M)
PLEMP	Recessed	0,25	400	1200
PLUNI	Joint	0,25	400	1200
PLESC	Stair	0,25	400	1200
PLSUP	Surface	0,25	400	1200

Connection specifications with C24 centrals:

- Maximum power per output: 80 W
- Distance between derivations: maximum 20 m.
- Several derivations can be connected to the same output.

and four terminal covers:

PLTEMP	Embedded mounted path light end cap
PLTUNI	Union path light end cap
PLTESC	Stair path light end cap
PLTSUP	Surface mounted path light end cap



What is Normalink?

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

FREE APP

Available for IOS and ANDROID



Normalink provides control via the following applications:

Normalink App
for IOS or Android.
Also available for computers
compatible with 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 **SALUZ Tunable White**⁽¹⁾ luminaires and other **DALI DT8**⁽²⁾ equipment.
- Compatible with **Normalux**⁽³⁾ **INTELLIGENT WIRELESS** emergency lighting and exit signs.
- 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.

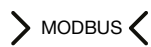
⁽²⁾ DALI DT8 or DALI Device Type 8 is the DALI luminaire that enables the tunable white to be controlled via a single DALI address.

⁽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).



WIRELESS SYSTEM
NORMALUX



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.



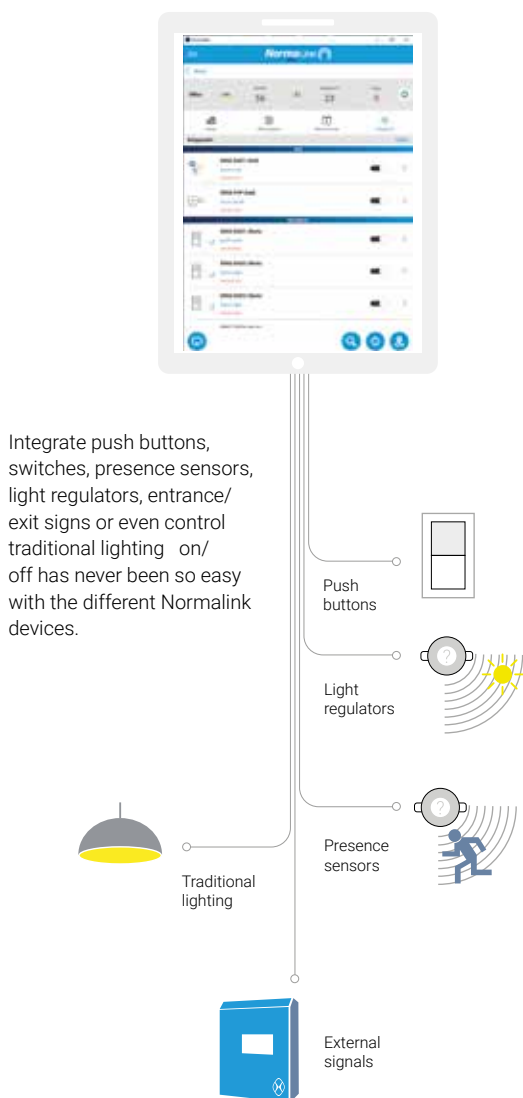
Group configuration.



- **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

Normalink integration.



Monitor safety lighting

Control del Emergency lighting.



Test configuration.



- **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 **comprehensive monitoring**. **NEW FEATURE!**












Normalink BMS control software.



The Normalink ecosystem

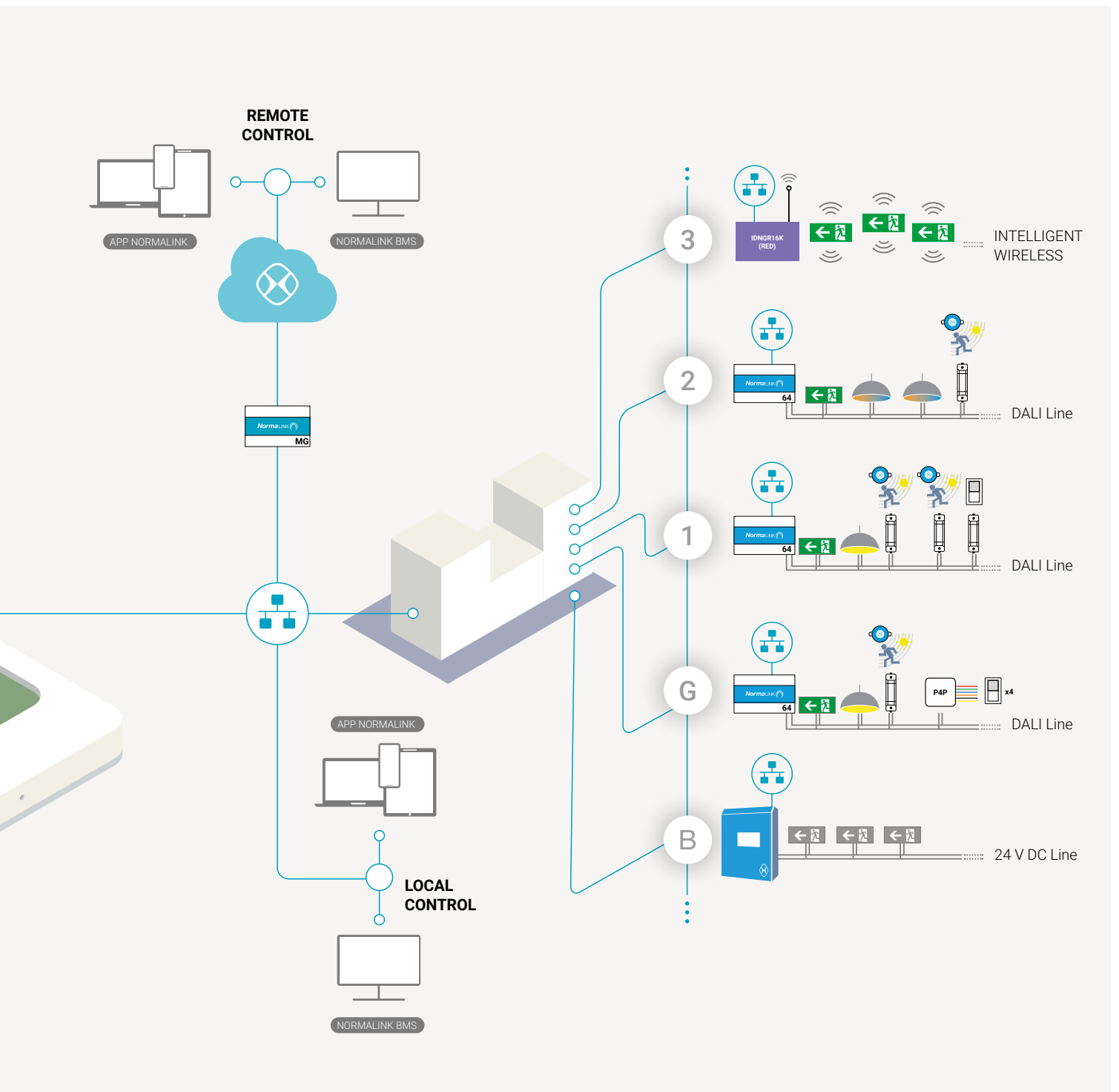
A system that you can trust

- **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).

-  DALI-TCP/IP Gateway (Ref. IDNG-64)
-  TCP/IP master gateway (Ref. IDNG-MG)
-  Adapter for push buttons, presence sensors and light regulators (Ref. IDNG-EAD)
-  DALI Luminaire
-  SALUZ TW / DALI DT8 Luminaire
-  DALI Emergency Luminaire
-  Luminaire for C24i central battery systems
-  Self contained emergency intelligent block WIRELESS NORMALUX
-  Push buttons (Ref. IDNG-P4P)
-  Light regulators (Ref. ILSR110/ILSS110)
-  Central Battery System (Ref. C24i-300)



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.

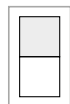
Normalink and emergency lighting / exit signs

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

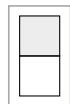
- **Control and monitoring** of each of the self contained luminaires of emergency lighting and exit signs.
- **Monitoring and control of the emergency luminaires** and/or luminaires connected to C24i central battery systems.
- **Programming of functional and autonomy tests** as per the standard EN 50172.
- **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).

Example

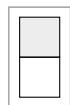
Example of the control of circadian cycles via the IDNG-P4P with capacity for four push buttons:



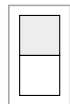
Push button 1:
ON/OFF lighting and pre-defined circadian cycle.



Push button 2:
Regulation of the colour temperature.



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



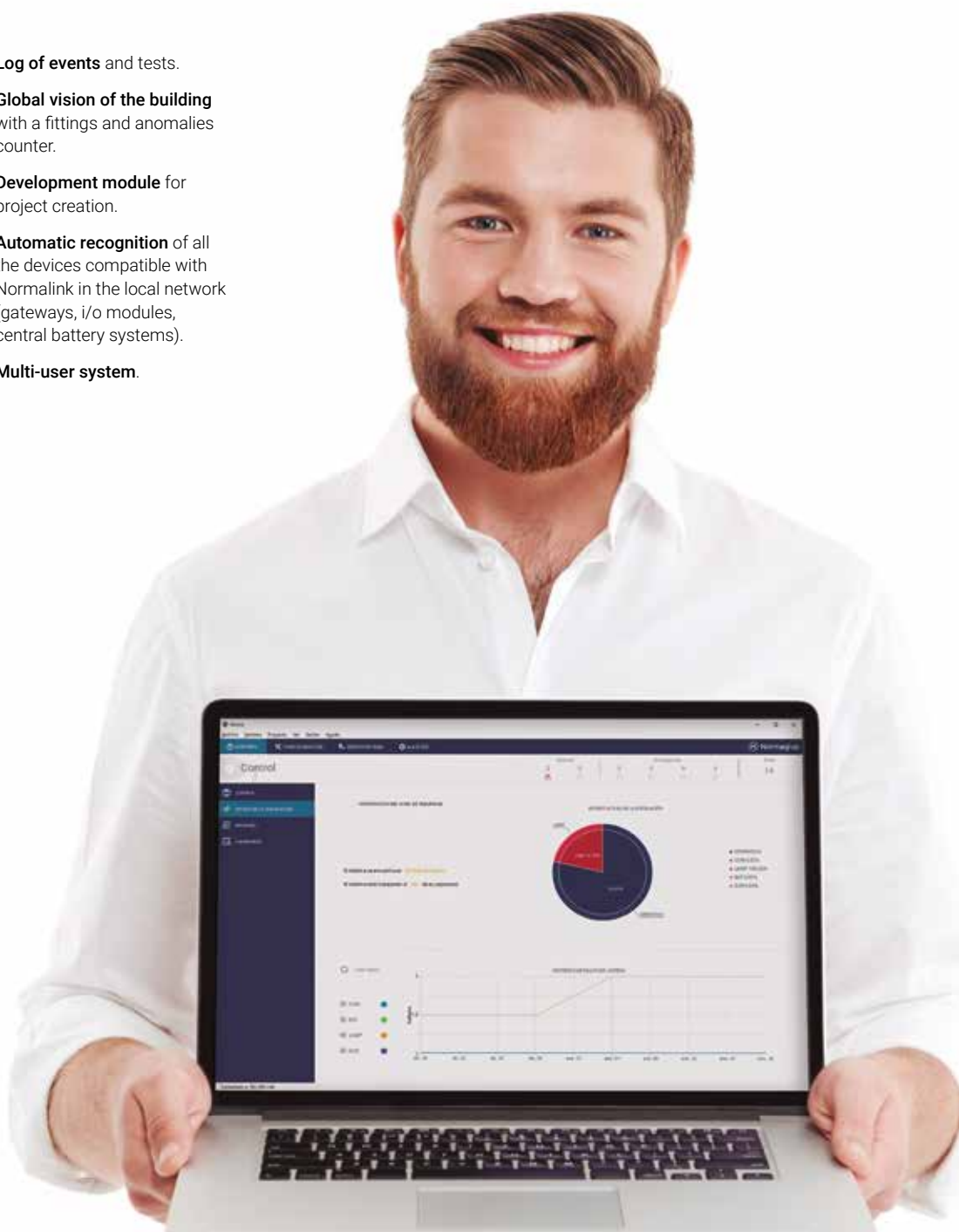
Push button 4:
"Siesta" scene in which all of the luminaires are set to a colour temperature of 2700 °K and light intensity of 10%.



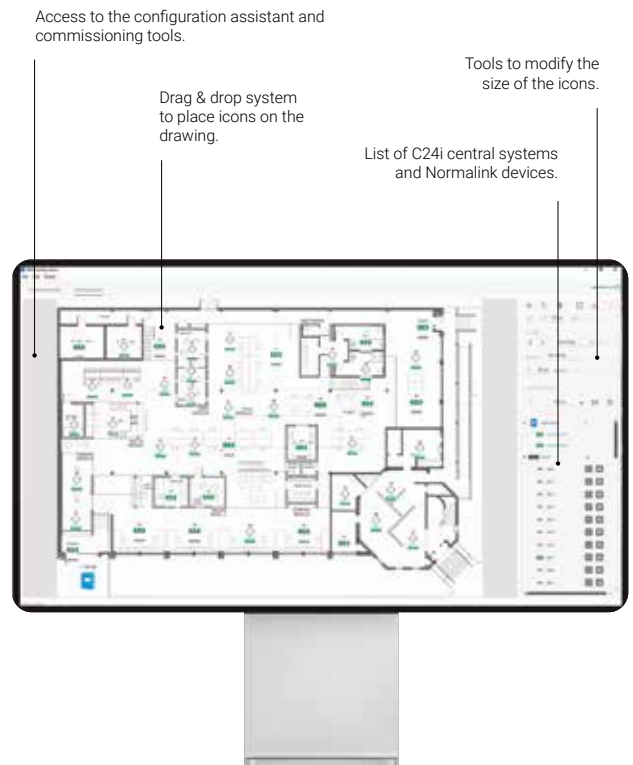
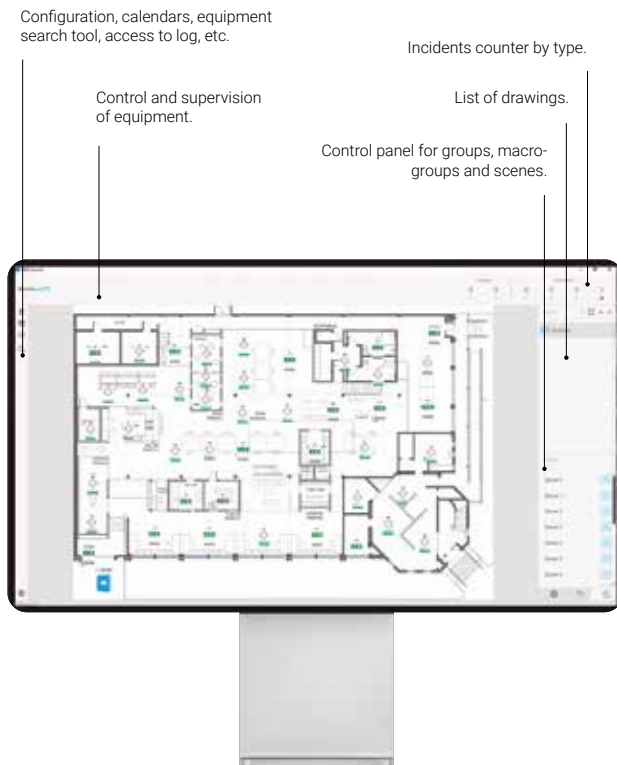
Normalink BMS

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 time settings.
- **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 takes pride on its two different modules: One for supervision / control and another one to develop 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 WIRELESS

Normalink is now compatible with Intelligent Wireless emergency lighting devices by Normalux.

Normalux Families with Intelligent Wireless version:

— Via



— Via R waterproof IP65



— Via S



AUTONOMOUS
EMERGENCY
LIGHTING

**Intelligent
Wireless**

— Extraline



— Europrisma



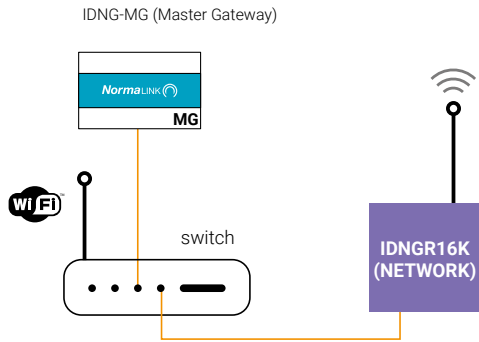
AUTONOMOUS
EMERGENCY
LIGHTING
SATI ADRESSABLE

— Excellence



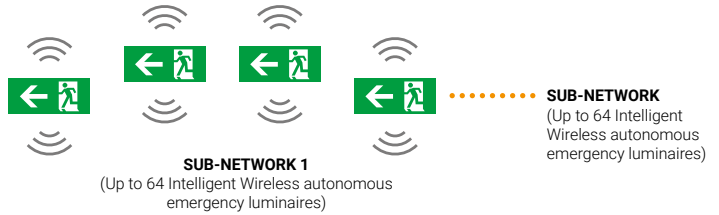
Check out for other product ranges.

Phylosophy Wireless

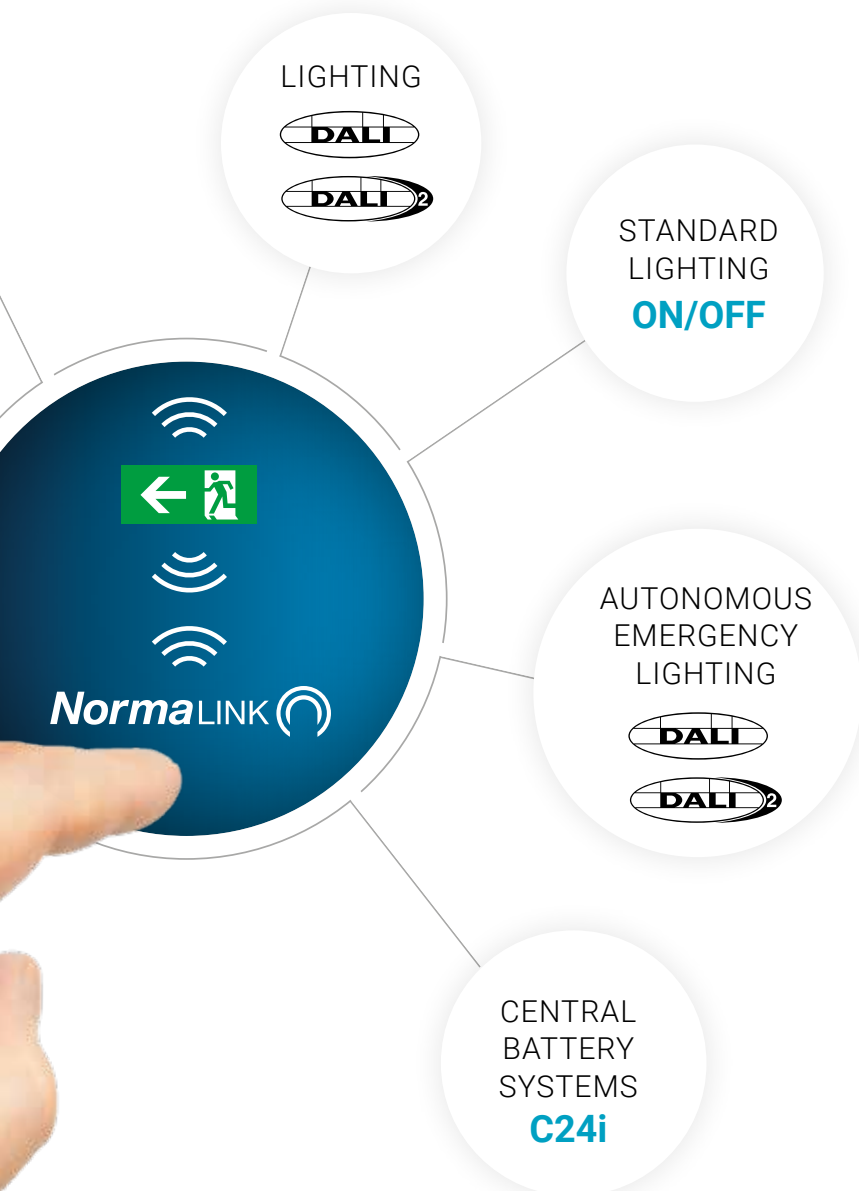


CONTROL CAPACITY BY NETWORK

Up to 250 sub-networks.
Up to 64 emergency luminaires per sub-network.
Total: 16,000 emergency luminaires.



The **Intelligent Wireless system by Normalink** is based on a wireless link with ethernet connection (Ref. IDNGR16K) capable of controlling up to 16,000 Normalux emergency luminaires compatible with the Intelligent Wireless version. This wireless link is connected directly to the local network and requires a master gateway in order to function.



Technical features

- Capacity: Up to 16,000 Intelligent Wireless emergency luminaires by Normalux per radio link.
 - Capable of creating 250 sub-networks per wireless link.
 - Up to 64 Intelligent Wireless emergency luminaires by Normalux per sub-network.
 - MultiMesh 868 Mhz technology compatible with the DALI IEC 62386-104 Standard.
 - IDNG-MG master gateway is required in order to function.
 - Possibility of linking up to 250 radio links per master gateway.
 - Maximum open field range of 250 metres in communication:
 - Wireless link - luminaire.
 - Luminaire - luminaire.
 - Maximum indoor range: 50 metres (2-3 walls, 2 floors).
 - Each emergency luminaire also functions as a repeater of the wireless signal via a configurable system of jumps.
- Multi-jump repetition system to increase the range between luminaires.

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 the following:



- 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.

IDNGR16K

Normalink IDNGR16K wireless link. TCP/IP wireless link that enables Normalink to control luminaires compatible with the Normagrup intelligent WIRELESS system. Capacity for 250 sub-networks.

Each sub-network may consist of up to 64 Normagrup intelligent WIRELESS luminaires with pre-programmed default addresses (from A0 to A63).



- It has a web server for the configuration of the network parameters.
- An IDNG-MG master gateway is required for its control (maximum capacity 250 IDNGR16K per master gateway).
- Wireless "multimesh" technology based on 868 Mhz.
- Maximum open field distance: 250 metres.
- Maximum indoor range: 50 metres (2-3 walls, 2 floors).
- Manufactured in accordance with DALI IEC 62386 Standard.
- 5 V DC power supply via an external power source (included).
- Dimensions: 80 x 115.1 x 27.4 mm.

Multi-jump repetition system to increase the range between luminaires.

IDNG64

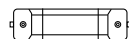
DALI-TCP/IP gateway for control via Normalink of up to 64 general lighting and/or emergency lighting luminaires as per the DALI (Digital Addressable Lighting Interface) Standard.



- 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.

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.



Normalink Devices

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.

There are things that should never fail

The efficiency and correct operation of the emergency lighting can be affected as the time passes, and the worse time to find out about it is during an emergency. That is why the Autotest system from Normalux keeps track of the status of the installation at all times and keeping it updated. **Without surprises.**

Install Autotest emergency lighting



What are Autotest fittings?

Autotest fittings are self-contained emergency lights that check themselves searching for possible anomalies that could compromise their correct operation.

This is carried out in real time and they also carry out test periodically, according to the current regulation (EN 50172):

Functional test.

Carried out every week, checks that the fitting is properly working and that the light source turns on correctly.

Autonomy test.

Once per year, the duration of the luminaire in emergency mode is checked, to make sure that the fitting is providing illumination for a period of time equal or above to the duration declared by the manufacturer.

Advantages of the Autotest fittings

They guarantee the 100% effectiveness of the emergency lighting at all times and hence the compliance of the regulation, offering peace of mind in case of an eventual failure in the power supply, or a risky situation.

They optimize the maintenance tasks, knowing which fitting has to be replaced and when.

NORMALUX

Emergency lighting
normalux.com

Surface covered with 1 lux

Arque

TRANSPARENT

INSTALLATION HEIGHT (METERS)	QS-100L	QS-200L	QS-300L	QS-400L
2,0 m	21,23	46,12	57,65	63,61
2,5 m	24,63	47,59	63,61	75,69
3,0 m	26,42	49,86	72,38	81,71
3,5 m	25,53	51,48	78,53	90,34
4,0 m	22,67	53,26	81,71	99,07
5,0 m	–	55,41	88,24	108,89

OPAL

INSTALLATION HEIGHT (METERS)	Q-100L	Q-200L	Q-300L	Q-400L
2,0 m	22,9	38,48	46,56	60,82
2,5 m	24,63	44,17	52,81	72,38
3,0 m	25,51	45,36	63,61	79,43
3,5 m	25,51	47,23	72,38	88,24
4,0 m	21,23	50,26	78,53	95,03
5,0 m	–	52,81	81,71	98,52

Via Led

INSTALLATION HEIGHT (METERS)	VS VMS VTS VCS VLS VLSL
2,0 m	36,48
2,5 m	45,36
3,0 m	52,81
3,5 m	55,41
4,0 m	58,08
5,0 m	51,58

Dunna

Maintained LED

INSTALLATION HEIGHT (METERS)	DL-100	DL-150	DL-200	DL-300	DL-400
2,0 m	24,63	30,19	36,31	47,48	50,46
2,5 m	26,42	32,67	38,48	55,41	61,02
3,0 m	28,27	35,25	45,36	60,82	69,59
3,5 m	34,21	37,23	47,48	66,47	81,91
4,0 m	19,63	38,48	50,26	76,97	86,79
5,0 m	16,61	36,31	44,17	81,71	95,23

Non-maintained MULTILED

INSTALLATION HEIGHT (METERS)	D-60L	D-100L	D-150L	D-200L	D-300L	D-400L	D-500L	D-600L	D-700L
2,0 m	15,13	22,90	26,42	34,21	47,78	53,72	59,06	67,73	76,35
2,5 m	18,09	26,42	28,27	39,52	55,41	63,49	70,68	84,46	93,10
3,0 m	15,20	28,27	33,14	42,88	63,61	70,81	80,04	91,48	100,09
3,5 m	12,56	27,23	35,56	45,23	70,88	78,41	87,96	103,67	111,02
4,0 m	10,17	24,63	36,31	46,49	78,53	86,39	96,57	112,65	120,48
5,0 m		22,90	34,21	46,36	84,53	91,48	109,07	128,39	142,95

Maintained MULTILED

INSTALLATION HEIGHT (METERS)	DL-60M	DL-150M	DL-200M	DL-300M
2,0 m	15,78	26,72	29,15	44,86
2,5 m	18,74	28,57	35,18	53,07
3,0 m	15,85	33,44	37,56	61,69
3,5 m	13,21	35,86	39,52	69,03
4,0 m	10,82	36,61	41,78	72,93
5,0 m		34,51	38,34	80,23

Stylo

Maintained MULTILED

INSTALLATION HEIGHT (METERS)	SL-60M	SL-150M	SL-200M	SL-300M
2,0 m	18,35	32,16	34,21	40,71
2,5 m	21,58	34,21	40,71	52,81
3,0 m	22,06	40,71	43,05	60,82
3,5 m	21,23	43,00	45,36	63,61
4,0 m	18,09	41,80	50,26	67,39
5,0 m	8,04	36,31	52,81	72,56

Non-maintained MULTILED

INSTALLATION HEIGHT (METERS)	S-30L	S-60L	S-100L	S-150L	S-200L	S-300L	S-400L	S-500L
2,0 m	10,17	16,61	24,63	28,27	34,21	47,78	52,81	60,82
2,5 m	11,34	18,09	28,27	33,18	40,71	55,41	66,47	72,38
3,0 m	9,07	18,85	30,19	35,25	45,36	66,47	75,65	84,94
3,5 m	3,08	15,2	32,16	38,48	50,26	73,89	84,94	98,52
4,0 m	-	13,85	31,45	39,59	52,81	78,53	88,24	105,68
5,0 m	-	-	23,75	35,25	49,01	84,94	98,52	116,89

GS

Non-maintained

INSTALLATION HEIGHT (METERS)	G-60L	G-100L	G-150L	G-200L	G-300L	G-400L	G-500L
2,0 m	15,20	24,63	28,27	34,21	45,36	52,81	60,82
2,5 m	18,09	27,33	32,16	40,71	55,41	63,62	75,42
3,0 m	18,22	30,19	36,31	45,36	63,61	75,42	84,94
3,5 m	14,55	28,27	37,39	47,78	69,39	84,94	91,60
4,0 m	11,30	26,42	38,48	50,26	75,42	88,24	105,68
5,0 m	-	18,15	32,16	46,56	78,53	98,52	116,89

Maintained

INSTALLATION HEIGHT (METERS)	GL-60	GL-150	GL-200	GL-300
2,0 m	15,50	28,38	34,32	45,36
2,5 m	18,30	32,22	40,89	55,41
3,0 m	18,38	37,11	45,41	60,82
3,5 m	14,62	37,95	47,84	66,47
4,0 m	11,50	39,02	50,43	72,38
5,0 m	-	32,53	46,62	75,42

Gennius

Non-maintained

INSTALLATION HEIGHT (METERS)	GE-100L	GE-200L	GE-300L	GE3-100L
2,0 m	18,85	35,24	45,91	19,08
2,5 m	20,82	41,84	54,09	20,23
3,0 m	22,05	46,55	62,2	21,98
3,5 m	24,65	47,78	67,92	24,43
4,0 m	24,23	51,52	72,37	23,89
5,0 m	18,62	50,23	76,96	18,43

Maintained / Non-maintained

INSTALLATION HEIGHT (METERS)	GEL-100L	GEL-200L	GEL-300L	GEL-400
2,0 m	18,85	34,95	45,91	52,77
2,5 m	20,82	41,23	54,09	65,03
3,0 m	22,05	45,55	62,2	75,39
3,5 m	24,65	47,12	67,92	83,31
4,0 m	24,23	50,86	72,37	88,24
5,0 m	18,62	49,63	76,96	98,52

Surface covered with 1 lux

Hermetic

LED

INSTALLATION HEIGHT (METERS)	DEL-60	DEL-150	DEL-200	DEL-300
2,0 m	21,20	25,51	32,04	45,31
2,5 m	22,87	26,29	39,52	51,46
3,0 m	23,72	27,27	45,23	57,96
3,5 m	22,43	30,15	45,94	66,35
4,0 m	20,82	27,33	44,10	69,27
4,5 m	18,84	25,51	42,97	72,25

LED Non-maintained

INSTALLATION HEIGHT (METERS)	DE-60L	DE-100L	DE-150L	DE-200L	DE-300L	DE-400L	DE-500L	DE-600L
2,0 m	13,1	17,8	28,0	33,1	45,2	52,5	59,1	75,2
2,5 m	15,2	20,5	29,9	37,3	54,0	63,5	69,9	89,5
3,0 m	14,5	21,1	31,2	42,8	63,5	70,7	78,4	93,11
3,5 m	12,2	24,5	33,2	44,1	70,6	75,5	84,2	102,3
4,0 m	7,00	24,0	32,1	45,3	73,7	83,2	92,2	110,83
5,0 m	-	20,4	29,2	44,1	83,2	88,1	103,3	124,1

MULTILED

INSTALLATION HEIGHT (METERS)	DEL-60M	DEL-150M	DEL-200M	DEL-300M
2,0 m	10,74	17,98	20,73	36,22
2,5 m	14,32	22,77	24,50	40,68
3,0 m	21,11	25,44	29,68	42,10
3,5 m	19,35	30,97	35,81	48,63
4,0 m	15,52	34,12	43,98	53,47
4,5 m	11,34	42,88	47,50	61,35

Smart

INSTALLATION HEIGHT (METERS)	SS-100L	SS-200L	SS-300L
2,0 m	14,45	31,90	43,98
2,5 m	15,08	36,19	49,76
3,0 m	16,23	38,45	57,58
3,5 m	13,57	39,52	68,89
4,0 m	10,14	41,78	71,87
4,5 m	5,34	42,88	73,26

Extraplana

LED

INSTALLATION HEIGHT (METERS)	FL-60	FL-150	FL-200	FL-300
2,0 m	21,64	24,63	33,49	40,71
2,5 m	22,90	26,42	36,31	47,78
3,0 m	24,63	30,19	38,48	55,41
3,5 m	23,75	32,16	39,59	63,61
4,0 m	22,06	31,16	43,01	69,39
4,5 m	21,23	29,21	44,17	72,38

LED Non-maintained

INSTALLATION HEIGHT (METERS)	F-80L	F-200L	F-300L	F-400L	F-500L
2,0 m	19,23	36,23	46,49	50,23	55,29
2,5 m	21,56	44,11	56,67	62,14	70,68
3,0 m	22,90	46,49	64,96	72,25	83,25
3,5 m	23,75	52,77	72,25	84,91	88,12
4,0 m	21,23	59,43	83,25	89,84	103,67
4,5 m	18,09	60,82	88,12	99,90	116,86



Lissa

RECESSED

INSTALLATION HEIGHT (METERS)	LNEL-300	LNEL3-300
2,0 m	45,36	45,36
2,5 m	50,26	50,26
3,0 m	55,41	55,41
3,5 m	63,61	63,61
4,0 m	66,47	66,47
5,0 m	69,39	69,39

SURFACE

INSTALLATION HEIGHT (METERS)	LNL-300	LNL3-300
2,0 m	45,36	45,36
2,5 m	50,26	50,26
3,0 m	55,41	55,41
3,5 m	63,61	63,61
4,0 m	66,47	66,47
5,0 m	69,39	69,39

Bessel

INSTALLATION HEIGHT (METERS)	L-60L	L-100L	L-150L	L-200L
2,0 m	13,85	22,86	25,51	37,28
2,5 m	16,61	24,63	33,17	41,71
3,0 m	18,09	25,51	37,38	46,89
3,5 m	15,20	28,24	38,48	49,89
4,0 m	12,56	26,42	39,58	52,77
4,5 m	7,08	23,75	38,23	54,09

Europrisma

INSTALLATION HEIGHT (METERS)	EH-200L	EH-300L
2,0 m	27,95	32,79
2,5 m	31,88	39,35
3,0 m	32,79	43,98
3,5 m	34,13	47,28
4,0 m	36,26	49,76
4,5 m	35,65	50,89



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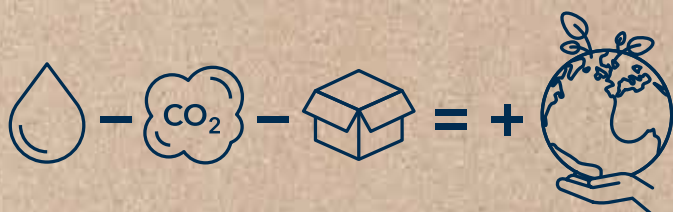
NORMALUX

Emergency lighting
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to care for our planet

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Environmentally Light!



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