



Emergency lighting  
**normalux.com**

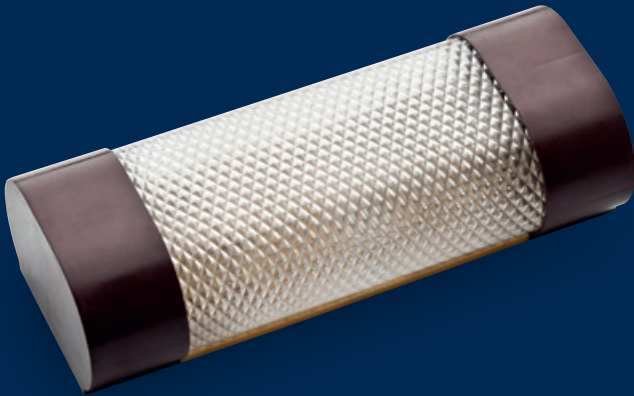
2022

**NORMALUX**  
by Normagrup



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.



# Divisions

## NORMALUX

Emergency lighting  
[normalux.com](http://normalux.com)

## NORMALIT

Technical and architectural lighting  
[normalit.com](http://normalit.com)

## NORMADET

Fire detection systems  
[normadet.com](http://normadet.com)

## NORCLINIC

Technical systems for hospitals  
[norclinic.com](http://norclinic.com)

Together, we make a perfectly coordinated team.

[www.normalux.com](http://www.normalux.com)

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

[www.normalit.com](http://www.normalit.com)

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

[www.normadet.com](http://www.normadet.com)

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

[www.norclinic.com](http://www.norclinic.com)

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



International presence

# From Spain to the world

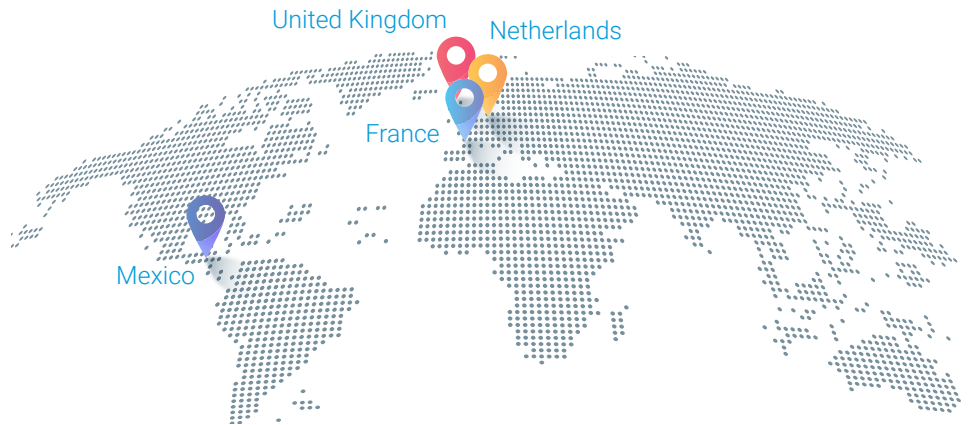
We distribute technology and innovation around the world from our facilities in Asturias and through various branches.

Our branches::



**100%**

*Entirely designed and manufactured in Spain*



30,000 sq.m.



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.



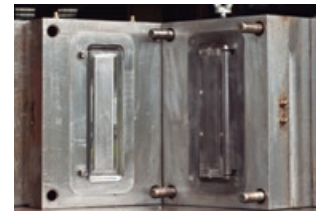
## Manufacturing

# 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.





## Environment

# Committed to our planet



Inspired by our natural surroundings, Normagrup's values are strongly rooted in the commitment of sustainability and care for the planet. The design of our products is focused to the saving of energy and natural resources thanks to the choice of environmentally friendly materials and continuous effort in R&D.

In addition to a wide line of work with local suppliers, our manufacturing and distribution processes minimize the impact on the environment, reducing transport and emissions hand in hand with a rigorous control of the company's quality and environment department.

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Photograph: Covadonga Lakes. Picos de Europa National Park. Asturias.

# Normagrup Lab

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 the company's customers a unique added value in the product offering and the development of unique projects.

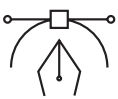
The advanced technological knowledge, R&D's vision of the company and the complete control of manufacturing allow us to anticipate the needs of our sector, placing Normagrup on the front line of the global market thanks to its high component of innovation.







## The pieces of Normagrup LAB



### Department of design

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.

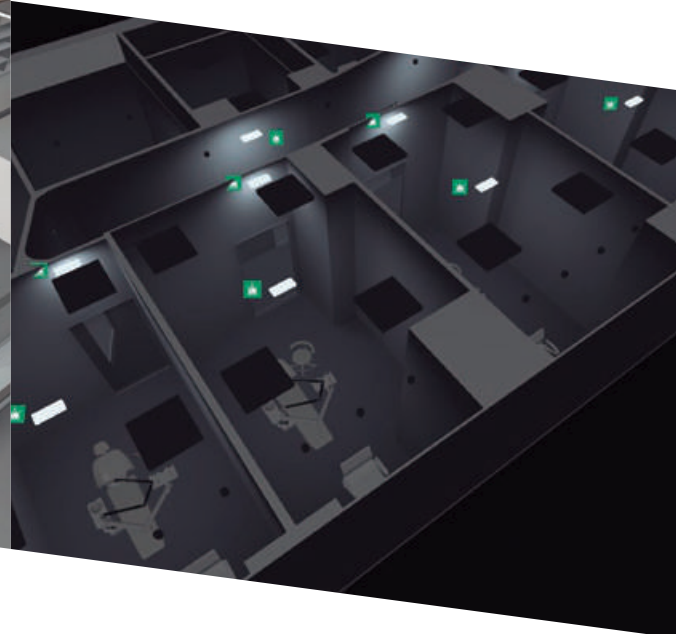
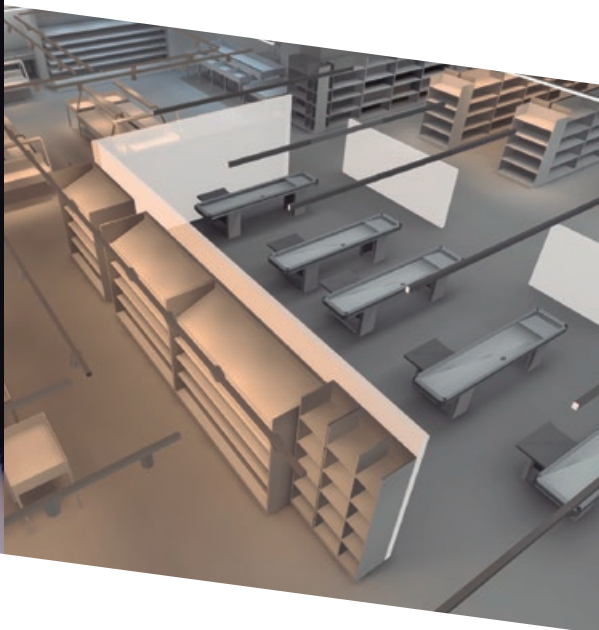
In addition to guaranteeing the highest quality standards, the services of **Normagrup 360** make it possible to select manufacturing characteristics on demand, allowing the production of custom made products with special finishes and the desired combination of specifications.



## 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 14

Emergency lighting



Via R Recessed 20 Via S Surface 26 Via W Wall 38 Dunna 46 Stylo 54



GS 58 Hermetic 62 Hermetic EX 66 Smart 68 Extraplana 72



Lissa emergency light 78 Bessel 82 Volutta 84 Volutta doble 88 Volutta recessed mounting 90



Excellence 94 Gennius 98 Europrisma 102 Uro 108 Hermetic XL 110



Aura 112 Aura 65 113 Watertight self-contained fittings 116 Dopplo 118 Twin spots 122



Explosion proof 124

Exit signs



Lissa exit signs 128 Extraline 132 Steeled 136 Signal 7 138

## Step lighting



MA24-6  
power supply  
module

146



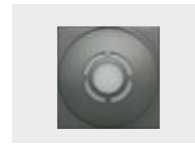
Passo

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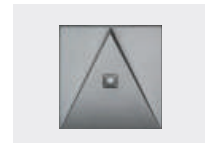
Sirio

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Estela

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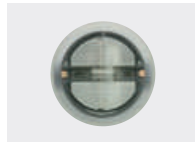
Senda

156



MIB Step light

160



BR Step light

161

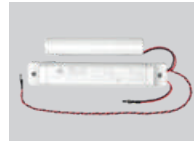
## Central Battery Systems



C24

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## Emergency kits



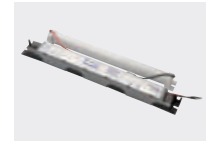
Kira Led

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Kenlux

170



Versatile

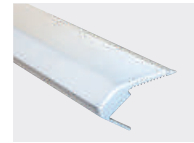
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## Emergency lights for elevators



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## Light paths



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## Autotest

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## Control System

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App control by Normagrup



## Surface covered with 1 lux

194

## General conditions of sale

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### LEGEND / ICONOGRAPHY

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

# New products

NEW FAMILY

## Gennius



### Technology and design in balance

#### At the service of security

The GENNIUS Emergency lighting family stands out for the perfect fusion of design, technology, and functionality, with a wide range of accessories to adapt to the most demanding installations.

 **100%**  
Entirely designed and manufactured in Spain

IP **68**    IK **10**



#### High resistance

With IP68 (IP42 without intermediate gasket) and IK10. Because details make all the difference.

#### Increased compatibility

Maximum adaptation to other installations for the replacement of luminaires.

#### Easy installation

With **plug-in terminals**, a large interior space for wiring and up to 4 M20 inputs.

#### Easy-to-install pictograms

Turn Gennius into an **exit sign** in a few seconds.

# New products

## NEW SOLUTIONS

## More variety, more features

New references with complementary features to increase the versatility of our catalogue, more luminaires with integrated lithium batteries, products with more autonomy and solutions with greater intensity of the light source.

### MORE AUTONOMY

● DUNNA



● STYLO



● DOPPLO



● GS



● URO



### MORE LUMENS

● STYLO



● EXTRAPLANA



● HERMETIC



### MORE FAMILIES WITH LITHIUM BATTERY

● VIA R



● VIA S



● EXCELLENCE



● GENNIUS



● EUROPRISMA



● EXTRALINE



Normagrup

# 360

Check out the **services of Normagrup 360 to carry out customized series productions**, with a la carte manufacturing characteristics and the adaptation of products on demand, selecting the desired finishes and specifications.





# Emergency lighting

Via R Recessed	20
Via S Surface	26
Via W Wall	38
Dunna	46
Stylo	54
GS	58
Hermetic	62
Hermetic EX	66
Smart	68
Extraplana	72
Lissa emergency light	78
Bessel	82
Volutta	84
Volutta doble	88
Volutta recessed mounting	90
Excellence	94
Gennius	98
Europrisma	102
Uro	108
Hermetic XL	110
Aura	112
Aura 65	113
Watertight self-contained fittings	116
Dopplo	118
Twin spots	122
Explosion proof	124

# 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

CE IP 40 IK 04 LIGHT RANGE 190-415 lm

Surface mounting

Electrified track mounting

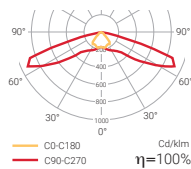
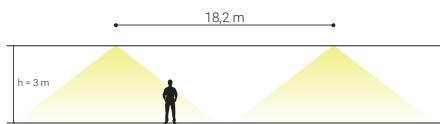


#### LIGHT EFFICIENCY. CEILING MOUNTING

### VV | VMV | VTV | VCV | VLV

#### Corridors 220 lm.

Corridor length: 2 m.  
Target: 1 lux



#### INTERDISTANCE

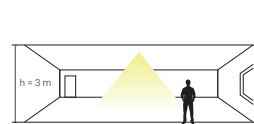
POSITION	HEIGHT (m)	
	3,0	4,0
⊙ → ⊙	6,5	7,7
⊙ → ⊙	18,2	21,4
⊙ → ▮	7,8	8,1
⊙ → ▮	2,9	3,2

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

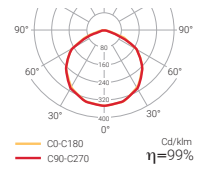
### VS | VMS | VTS | VCS | VLS | VSLS

#### Areas 210 lm.

Corridor length: 2 m.  
Target: 1 lux



Surface: 52,81 m<sup>2</sup>



#### INTERDISTANCE

POSITION	HEIGHT (m)			HEIGHT (m)	AREA (m <sup>2</sup> )
	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

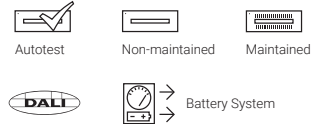
**!** Photometric curves of VV and VS are applicable to all VIA models



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

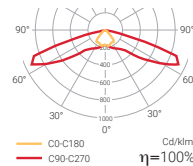
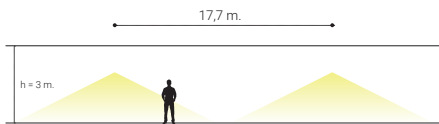


### LIGHT EFFICIENCY. WALL MOUNTING

## 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

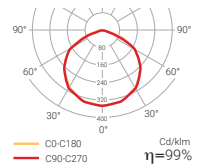
## VPS | VPSS | VPLS

### Areas 210 lm.

Corridor length: 2 m.  
Target: 1 lux



Surface:  
23,89 m<sup>2</sup>



#### INTERDISTANCE

POSITION	HEIGHT (m)						HEIGHT (m)	AREA (m <sup>2</sup> )
	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

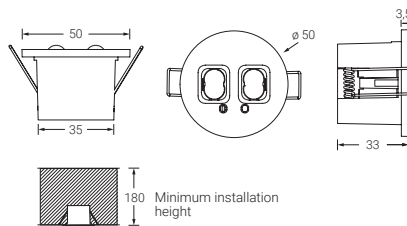


Now  
IP40

# Via R recessed



Some versions compliant with French Regulation



CE LED 850°C



Lm 190-415 1-3

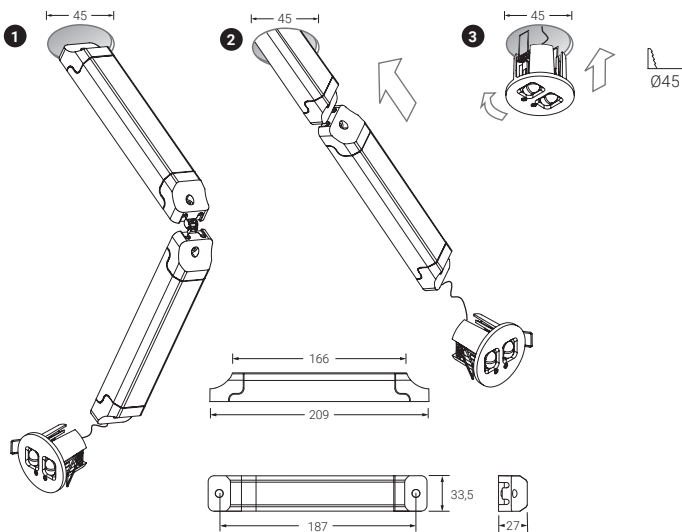


IP 40 IK 04

230 Vac 24 Vdc

EN 60598-2-22

DRV VIA LED



⊕ Possibility of remote control

Finishes

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

**AVAILABLE IN OTHER FINISHES**  
CHECK




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

## Via R

## Standard

## Non-maintained

IP  
40

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
VSE	White	—	205 lm	1 h	0,2	20
VSET	White	—	205 lm	1 h	0,2	20
VVE	White	—	205 lm	1 h	0,2	20
VVET	White	—	205 lm	1 h	0,2	20
VSEH	White	—	410 lm	1 h	0,4	20
VVEH	White	—	415 lm	1 h	0,4	20
VSEHH	White	—	600 lm	1 h	0,4	20
VVEHH	White	—	600 lm	1 h	0,5	20
VSE3	White	—	205 lm	3 h	0,3	20
VVE3	White	—	205 lm	3 h	0,3	20
VSEHH3	White	—	600 lm	3 h	0,4	20
VVEHH3	White	—	600 lm	3 h	0,4	20

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

## Maintained / Non-maintained

IP  
40

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
VS	White	—	210 lm	1 h	0,5	20
LITHIUM VSLI	White	—	210 lm	1 h	0,5	20
VV	White	—	220 lm	1 h	0,5	20
LITHIUM VVLI	White	—	220 lm	1 h	0,5	20
VSH	White	—	450 lm	1 h	0,5	20
VVH	White	—	450 lm	1 h	0,4	20
VS3	White	—	210 lm	3 h	0,4	20
LITHIUM VS3LI	White	—	220 lm	3 h	0,4	20
VV3	White	—	220 lm	3 h	0,4	20
LITHIUM VV3LI	White	—	220 lm	3 h	0,4	20
VSH3	White	—	450 lm	3 h	0,4	20
VVH3	White	—	450 lm	3 h	0,7	20

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

## Autotest

## Non-maintained

IP  
40

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
VSEA	White	—	195 lm	1 h	0,2	20
VSEAT	White	—	195 lm	1 h	0,2	20
VVEA	White	—	195 lm	1 h	0,2	20
VVEAT	White	—	195 lm	1 h	0,2	20
VSEAH	White	—	410 lm	1 h	0,4	20
VVEAH	White	—	415 lm	1 h	0,4	20
VSEAHH	White	—	600 lm	1 h	0,4	20
VVEAHH	White	—	600 lm	1 h	0,4	20
VSEA3	White	—	210 lm	3 h	0,3	20
VVEA3	White	—	220 lm	3 h	0,4	20
VSEAHH3	White	—	600 lm	3 h	0,3	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


	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING	
	VSA	White	—	210 lm	1 h	0,5	20
LITHIUM	VSALI	White	—	210 lm	1 h	0,5	20
	VVA	White	—	220 lm	1 h	0,5	20
LITHIUM	VVALI	White	—	220 lm	1 h	0,5	20
	VSA3	White	—	210 lm	3 h	0,4	20
LITHIUM	VSA3LI	White	—	210 lm	3 h	0,3	20
	VVA3	White	—	220 lm	3 h	0,4	20
LITHIUM	VVA3LI	White	—	220 lm	3 h	0,3	20

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

## Intelligent DALI

## Non-maintained


IP  
40Compatible with **NormaLINK** 

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING	
	VSEID	White	DALI	210 lm	1 h	0,4	20
	VVEID	White	DALI	220 lm	1 h	0,4	20
	VSEIDH	White	DALI	410 lm	1 h	0,4	20
	VVEIDH	White	DALI	415 lm	1 h	0,5	20
	VSEIDHH	White	DALI	600 lm	1 h	0,4	20
	VSEID3	White	DALI	210 lm	3 h	0,3	20
	VVEID3	White	DALI	220 lm	3 h	0,4	20
	VSEIDHH3	White	DALI	600 lm	3 h	0,3	20
	VVEIDHH3	White	DALI	600 lm	3 h	0,7	20

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

## Maintained / Non-maintained

IP  
40

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING	
	VSID	White	DALI	210 lm	1 h	0,5	20
LITHIUM	VSIDLI	White	DALI	220 lm	1 h	0,5	20
	VVID	White	DALI	220 lm	1 h	0,5	20
LITHIUM	VVIDLI	White	DALI	220 lm	1 h	0,5	20
	VSID3	White	DALI	210 lm	3 h	0,4	20
LITHIUM	VSID3LI	White	DALI	220 lm	3 h	0,4	20
	VVID3	White	DALI	220 lm	3 h	0,5	20
LITHIUM	VVID3LI	White	DALI	220 lm	3 h	0,4	20
	VVIDH3	White	DALI	450 lm	3 h	0,4	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

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>VSID-R</b>	White	WIRELESS	210 lm	1 h	0,5	20
<b>VVID-R</b>	White	WIRELESS	210 lm	1 h	0,5	20
<b>VVIDH3-R</b>	White	WIRELESS	220 lm	1 h	0,8	20
<b>VSID3-R</b>	White	WIRELESS	210 lm	3 h	0,4	20
<b>VVID3-R</b>	White	WIRELESS	220 lm	3 h	0,4	20

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

## Sati Adressable



In process of homologation

### Non-maintained MULTILED

IP 40

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>VSJ-60</b>	White	SATI ADR	60 lm	1 h	0,5	20
<b>VSJ-300</b>	White	SATI ADR	300 lm	1 h	0,5	20

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

## Central Battery System

### Maintained

IP 40

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



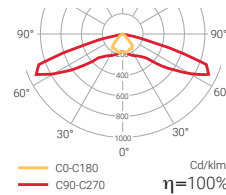
AVAILABLE IN OTHER FINISHES  
[CHECK](#)



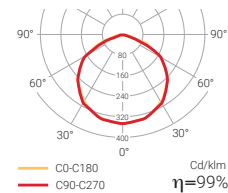
# Via R | Recessed waterproof IP65



VVS | 220 lm



VSS | 210 lm



CE 850°C LED



Lm  
**210-220**

**1-3**



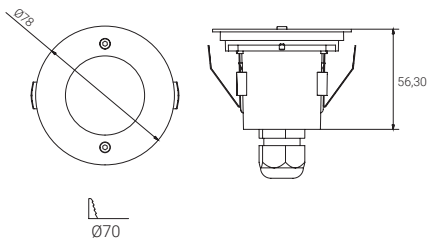
IP  
**65**

IK  
**04**



EN 60598-2-22

WATERPROOF



### Finishes

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

AVAILABLE IN OTHER FINISHES  
**CHECK**

**3000 K**

Maintained LED models available at 3000°K colour temperature.

Add +W to the code. Check additional costs.

## Standard

### Maintained / Non-maintained

IP  
**65**

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
VSS	White	—	210 lm	1 h	0,8	6
VVS	White	—	220 lm	1 h	0,8	6
VSSH	White	—	450 lm	1 h	0,7	6
VVSH	White	—	450 lm	1 h	0,7	6
VSS3	White	—	210 lm	3 h	0,7	6
VVS3	White	—	220 lm	3 h	0,7	6
VSSH3	White	—	450 lm	3 h	0,7	6
VVSH3	White	—	450 lm	3 h	0,7	6

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




# Via R

## Recessed waterproof IP65

### Autotest

#### Maintained / Non-maintained

IP 65

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>VSSA</b>	White	—	210 lm	1 h	0,8	6
<b>VVSA</b>	White	—	220 lm	1 h	0,8	6
<b>VSSA3</b>	White	—	210 lm	3 h	0,7	6
<b>VVSA3</b>	White	—	220 lm	3 h	0,7	6

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

### Intelligent DALI

Compatible with **NormaLINK** 



#### Non-maintained


IP 65

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>VVSEID</b>	White	DALI	220 lm	1 h	0,7	6

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

#### Maintained / Non-maintained

IP 65

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>VSSID</b>	White	DALI	210 lm	1 h	0,8	6
<b>VVSIID</b>	White	DALI	220 lm	1 h	0,8	6
<b>VSSID3</b>	White	DALI	210 lm	3 h	0,7	6
<b>VVSIID3</b>	White	DALI	220 lm	3 h	0,7	6


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

### Intelligent Wireless

Compatible with **NormaLINK** 

#### Maintained / Non-maintained

IP 65


	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>VSSID-R</b>	White	WIRELESS	210 lm	1 h	0,7	6
<b>VVSIID-R</b>	White	WIRELESS	220 lm	1 h	0,7	6
<b>VSSID3-R</b>	White	WIRELESS	210 lm	3 h	0,7	6
<b>VVSIID3-R</b>	White	WIRELESS	220 lm	3 h	0,7	6

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

### Central Battery System

#### Maintained

IP 65

	FINISHING	POWER SUPPLY	LUMEN OUTPUT	CONSUMPTION	CURRENT		PACKAGING
<b>C24i VSSI-S2L24</b>	White	24 Vcc	210 lm	2 W	0,083 A	0,6	6
<b>VVS-S2LH</b>	White	230 Vca	340 lm	3,7 W	0,013 A	0,7	6

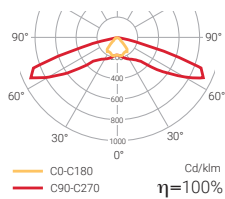


# Via S surface

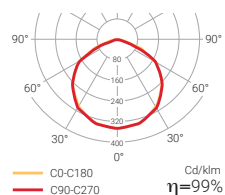


Some versions compliant with French Regulation

**VMV** | 220 lm | Corridors

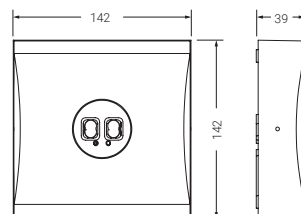


**VMS** | 210 lm | Areas



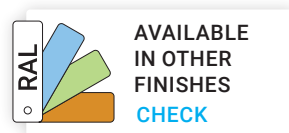
Surface ceiling mounted VIA LED. Like the recessed version it has two different versions with different light distribution, enabling it to cover large corridors (VMV Version) or large spaces (VMS version).

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.



Lm  
**195-415**

**1-3**



IP  
**40**

IK  
**04**



EN 60598-2-22



**Possibility of remote control.**



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

## Via S

## Standard

## Non-maintained


IP  
40

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>VMSE</b>	White	—	195 lm	1 h	0,4	20
<b>VMVE</b>	White	—	195 lm	1 h	0,4	20
<b>VMSEH</b>	White	—	410 lm	1 h	0,6	20
<b>VMVEH</b>	White	—	415 lm	1 h	0,6	20
<b>VMSE3</b>	White	—	195 lm	3 h	0,5	20
<b>VMVE3</b>	White	—	195 lm	3 h	0,5	20

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

## Maintained / Non-maintained

IP  
40


	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>VMS</b>	White	—	210 lm	1 h	0,5	20
<b>LITHIUM VMSLI</b>	White	—	220 lm	1 h	0,5	20
<b>VMV</b>	White	—	220 lm	1 h	0,5	20
<b>LITHIUM VMVLI</b>	White	—	220 lm	1 h	0,5	20
<b>VMS3</b>	White	—	210 lm	3 h	0,6	20
<b>LITHIUM VMS3LI</b>	White	—	220 lm	3 h	0,6	20
<b>VMV3</b>	White	—	220 lm	3 h	0,6	20
<b>LITHIUM VMV3LI</b>	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

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>VMSEA</b>	White	—	195 lm	1 h	0,4	20
<b>VMVEA</b>	White	—	195 lm	1 h	0,4	20
<b>VMSEAH</b>	White	—	410 lm	1 h	0,6	20
<b>VMVEAH</b>	White	—	415 lm	1 h	0,6	20

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

## Maintained / Non-maintained

IP  
40

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>VMSA</b>	White	—	210 lm	1 h	0,5	20
<b>LITHIUM VMSALI</b>	White	—	210 lm	1 h	0,5	20
<b>VMVA</b>	White	—	220 lm	1 h	0,5	20
<b>LITHIUM VMVALI</b>	White	—	220 lm	1 h	0,5	20
<b>VMSA3</b>	White	—	210 lm	3 h	0,6	20
<b>LITHIUM VMSA3LI</b>	White	—	210 lm	3 h	0,5	20
<b>VMVA3</b>	White	—	220 lm	3 h	0,6	20
<b>LITHIUM VMVA3LI</b>	White	—	220 lm	3 h	0,5	20

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

## Via S

## Sati



In process of homologation

## Non-maintained MULTILED

IP  
40

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>VMSS-60</b>	White	SATI	60 lm	1 h	0,6	20
<b>VMSS-300</b>	White	SATI	300 lm	1 h	0,6	20

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

## Intelligent DALI

Compatible with **NormaLINK**

## Non-maintained

IP  
40

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>VMSEID</b>	White	DALI	210 lm	1 h	0,5	20
<b>VMVEID</b>	White	DALI	220 lm	1 h	0,5	20
<b>VMSEIDH</b>	White	DALI	410 lm	1 h	0,6	20
<b>VMVEIDH</b>	White	DALI	415 lm	1 h	0,6	20
<b>VMSEID3</b>	White	DALI	210 lm	3 h	0,6	20
<b>VMVEID3</b>	White	DALI	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

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>VMSID</b>	White	DALI	210 lm	1 h	0,5	20
<b>LITHIUM VMSIDLI</b>	White	DALI	220 lm	1 h	0,5	20
<b>VMVID</b>	White	DALI	220 lm	1 h	0,5	20
<b>LITHIUM VMVIDLI</b>	White	DALI	220 lm	1 h	0,5	20
<b>VMSID3</b>	White	DALI	210 lm	3 h	0,6	20
<b>LITHIUM VMSID3LI</b>	White	DALI	220 lm	3 h	0,5	20
<b>VMVID3</b>	White	DALI	220 lm	3 h	0,6	20
<b>LITHIUM VMVID3LI</b>	White	DALI	220 lm	3 h	0,5	20

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

## Intelligent Wireless

Compatible with **NormaLINK**

## Maintained / Non-maintained

IP  
40

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>VMSID-R</b>	White	WIRELESS	210 lm	1 h	0,5	20
<b>VMVID-R</b>	White	WIRELESS	220 lm	1 h	0,5	20
<b>VMSID3-R</b>	White	WIRELESS	210 lm	3 h	0,6	20
<b>VMVID3-R</b>	White	WIRELESS	220 lm	3 h	0,6	20

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

# Via S

## Sati Adressable



In process of homologation

### Non-maintained MULTILED

IP 40

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>VMSI-60</b>	White	SATI ADR	60 lm	1 h	0,5	20
<b>VMSI-300</b>	White	SATI ADR	300 lm	1 h	0,5	20

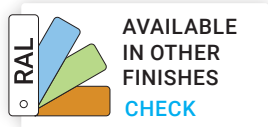
127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

## Central Battery System

### Maintained

IP 40

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

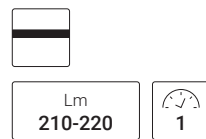
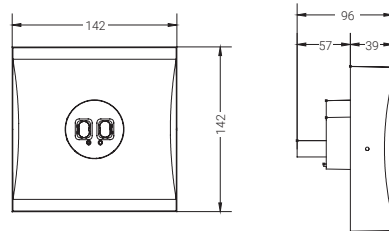
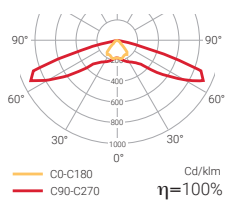


# Via S | Electrified track mounting

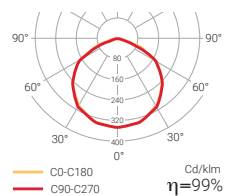


Version to be installed in electrified track, designed according to the UNE-EN 60598.2.22

VTV | 220 lm



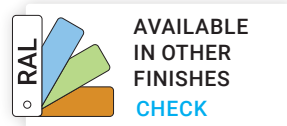
VTS | 210 lm



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

## Electrified track mounting

### Standard

#### Maintained / Non-maintained

IP 40

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>VTSA</b>	White	—	210 lm	1 h	0,4	10
<b>VTV</b>	White	—	220 lm	1 h	0,4	20

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

### Autotest

#### Maintained / Non-maintained

IP 40

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>VTSA</b>	White	—	210 lm	1 h	0,4	20
<b>VTV</b>	White	—	220 lm	1 h	0,4	10

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

### Intelligent DALI

Compatible with **NormaLINK** 



#### Maintained / Non-maintained

IP 40

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>VTSID</b>	White	DALI	210 lm	1 h	0,4	20
<b>VTVID</b>	White	DALI	220 lm	1 h	0,4	20

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

### Intelligent Wireless

Compatible with **NormaLINK** 

#### Non-maintained

IP 40

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>VTVEID-R</b>	White	WIRELESS	225 lm	1 h	0,4	20

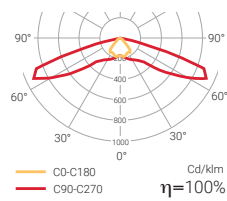
127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs



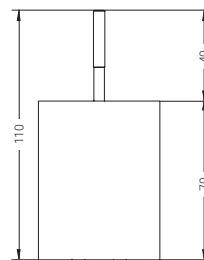
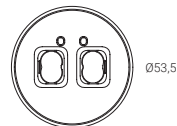
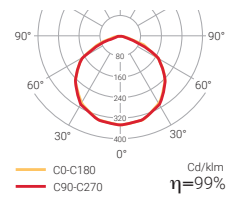
# Via S | For stave ceiling



VCV | 220 lm

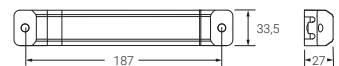
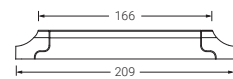


VCS | 210 lm



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.

**AVAILABLE IN OTHER FINISHES**  
**CHECK**




# Via S

## For stave ceiling

### Standard

#### Maintained / Non-maintained

IP 40


	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>VCS</b>	White	—	210 lm	1 h	0,8	20
<b>VCV</b>	White	—	220 lm	1 h	0,8	20
<b>VCS3</b>	White	—	210 lm	3 h	0,6	20
<b>VCV3</b>	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

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>VCSA</b>	White	—	210 lm	1 h	0,8	20
<b>VCVA</b>	White	—	220 lm	1 h	0,5	20
<b>VCSA3</b>	White	—	210 lm	3 h	0,6	20
<b>VCVA3</b>	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

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>VCSID</b>	White	—	210 lm	1 h	0,5	20
<b>VCVID</b>	White	—	220 lm	1 h	0,8	20
<b>VCSID3</b>	White	—	210 lm	3 h	0,6	20
<b>VCVID3</b>	White	—	220 lm	3 h	0,8	20

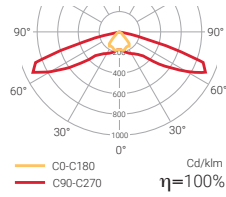
127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs



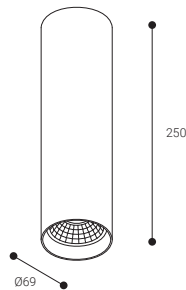
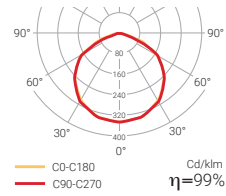
# Via S | Ceiling surface mounting



**VLV** | 220 lm



**VLS** | 210 lm



⏚ CE 850°C LED



Lm  
**210-220**

**1-3**



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 **CHECK**


# Via S

## Ceiling surface mounting

### Standard

#### Maintained / Non-maintained

IP  
40


	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>VLS</b>	White	—	210 lm	1 h	0,8	20
<b>VLV</b>	White	—	220 lm	1 h	0,8	20
<b>VLS3</b>	White	—	210 lm	3 h	0,6	20
<b>VLV3</b>	White	—	220 lm	3 h	0,6	20

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

### Autotest

#### Maintained / Non-maintained

IP  
40

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>VLSA</b>	White	—	210 lm	1 h	0,5	20
<b>VLVA</b>	White	—	220 lm	1 h	0,5	20
<b>VLSA3</b>	White	—	210 lm	3 h	0,6	20
<b>VLVA3</b>	White	—	220 lm	3 h	0,6	20

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


### Intelligent DALI

#### Maintained / Non-maintained

IP  
40

Compatible with **NormaLINK** 



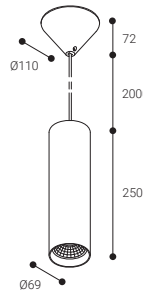
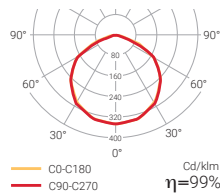
	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>VLSID</b>	White	DALI	210 lm	1 h	0,5	20
<b>VLVID</b>	White	DALI	220 lm	1 h	0,5	20
<b>VLSID3</b>	White	DALI	210 lm	3 h	0,6	20
<b>VLVID3</b>	White	DALI	220 lm	3 h	0,6	20

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  
**CHECK**

**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

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>VSLS</b>	White	–	210 lm	1 h	0,9	20
<b>VSLS3</b>	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

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>VSLSA</b>	White	–	210 lm	1 h	0,9	20
<b>VSLSA3</b>	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

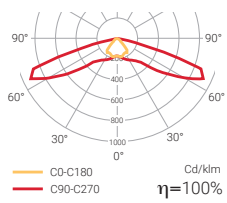
	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>VSLSID</b>	White	DALI	210 lm	1 h	0,8	20
<b>VSLSID3</b>	White	DALI	210 lm	3 h	0,8	20

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

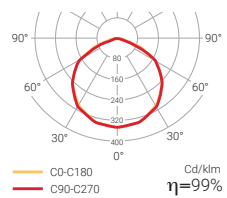


# Via W wall mounted

VPV | 220 lm

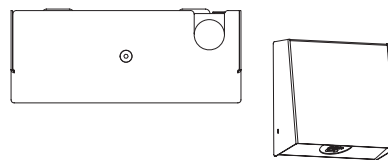
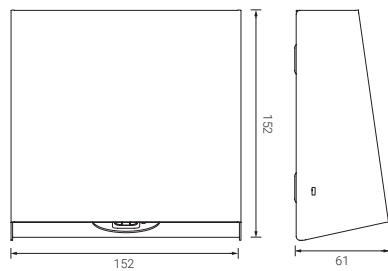


VPS | 210 lm




**3000 K**

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



### Finishes


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


**AVAILABLE IN OTHER FINISHES**  
**CHECK**



 LED



Lm  
**210-220**

**1-3**



IP  
**40**

IK  
**04**


 230 Vac


 24 Vdc


**EN 60598-2-22**



**Possibility of remote control.**

## Via W

## Standard

## Maintained / Non-maintained

IP  
40


	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>VPS</b>	White	—	210 lm	1 h	1,8	20
<b>VPV</b>	White	—	220 lm	1 h	1,8	20
<b>VPS3</b>	White	—	210 lm	3 h	1,9	20
<b>VPV3</b>	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

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>VPSA</b>	White	—	210 lm	1 h	1,8	20
<b>VPVA</b>	White	—	220 lm	1 h	1,8	20
<b>VPSA3</b>	White	—	210 lm	3 h	2,0	20
<b>VPVA3</b>	White	—	220 lm	3 h	1,9	20

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

## Intelligent DALI

Compatible with **NormaLINK** 

## Maintained / Non-maintained

IP  
40


	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>VPSID</b>	White	DALI	210 lm	1 h	1,8	20
<b>VPVID</b>	White	DALI	220 lm	1 h	1,8	20
<b>VPSID3</b>	White	DALI	210 lm	3 h	1,9	20
<b>VPVID3</b>	White	DALI	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

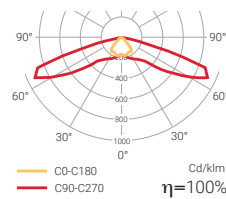
	FINISHING	POWER SUPPLY	LUMEN OUTPUT	CONSUMPTION	CURRENT		PACKAGING
<b>C24i</b>	<b>VPSI-S2L24</b>	White	24 Vcc	210 lm	2 W	0,083	1,9 20
<b>C24i</b>	<b>VPVI-S2L24</b>	White	24 Vcc	220 lm	2 W	0,083	1,8 20

Via W | Outdoors wall mounted

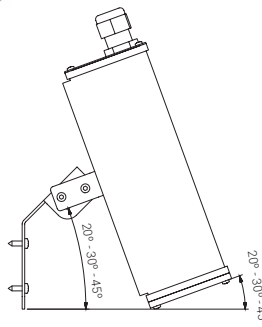
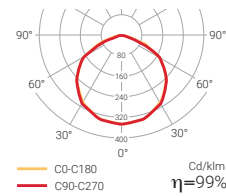
IP68



VPVS | 175 lm



VPSS | 165 lm



CE 850°C LED



Lm 155-175 1



IP 68 IK 10

230 Vac 24 Vdc

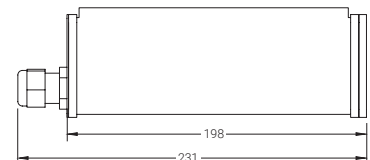
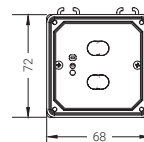
EN 60598-2-22

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.

**AVAILABLE IN OTHER FINISHES**  
CHECK




## Via W Outdoors wall mounted

### Standard

Maintained / Non-maintained

IP  
68


	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>VPSS</b>	White	–	165 lm	1 h	2,2	6
<b>VPVS</b>	White	–	175 lm	1 h	2,2	6

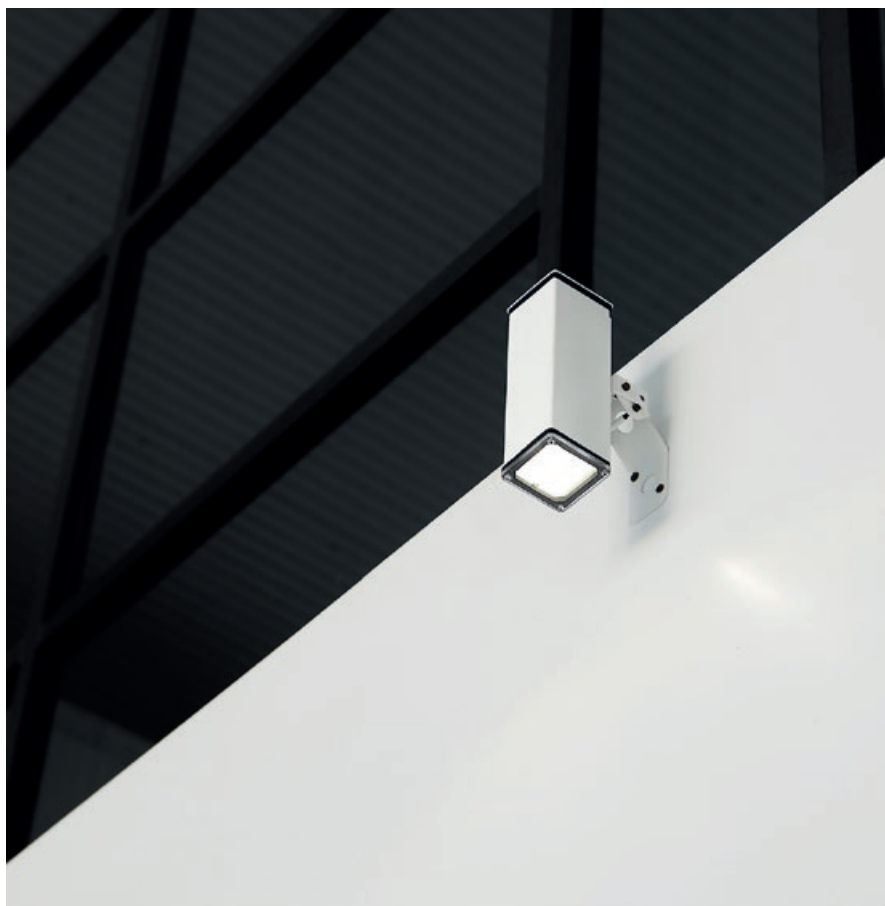
127v 50/60Hz also available upon request. Indicate reference + V. Check additional costs

### Central Battery System

Maintained

IP  
68

	FINISHING	POWER SUPPLY	LUMEN OUTPUT	CONSUMPTION	CURRENT		PACKAGING
<b>C24i</b>	<b>VPVSI-S2L24</b>	White	24 Vcc	165 lm	2,4 W	0,100 A	0,9 20
<b>C24i</b>	<b>VPSSI-S2L24</b>	White	24 Vcc	155 lm	2,4 W	0,100 A	0,8 20






# Via W

## Cylindrical wall mounted

### Standard

#### Maintained / Non-maintained

IP  
40


	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>VPLS</b>	White	—	210 lm	1 h	1,2	20
<b>VPLV</b>	White	—	220 lm	1 h	1,2	20
<b>VPLS3</b>	White	—	210 lm	3 h	2,4	20
<b>VPLV3</b>	White	—	220 lm	3 h	1,3	20

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

### Autotest

#### Maintained / Non-maintained

IP  
40

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>VPLSA</b>	White	—	210 lm	1 h	1,2	20
<b>VPLVA</b>	White	—	220 lm	1 h	2,3	20
<b>VPLSA3</b>	White	—	210 lm	3 h	2,4	20
<b>VPLVA3</b>	White	—	220 lm	3 h	2,4	20

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


### Intelligent DALI

Compatible with **NormaLINK** 



#### Maintained / Non-maintained











IP  
40

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>VPLSID</b>	White	DALI	210 lm	1 h	0,3	20
<b>VPLVID</b>	White	DALI	220 lm	1 h	0,3	20
<b>VPLSID3</b>	White	DALI	210 lm	3 h	0,4	20
<b>VPLVID3</b>	White	DALI	220 lm	3 h	0,4	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 <b>R</b> recessed	Recessed		V-DB V-DBL	V-R V-RR	—	PV PVL
	Recessed waterproof IP65		—	—	—	—
Via <b>S</b> 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 <b>W</b> wall	Wall		—	—	—	—
	Outdoors wall mounted		—	—	—	—
	Cylindrical wall mounted		—	—	—	PV PVL

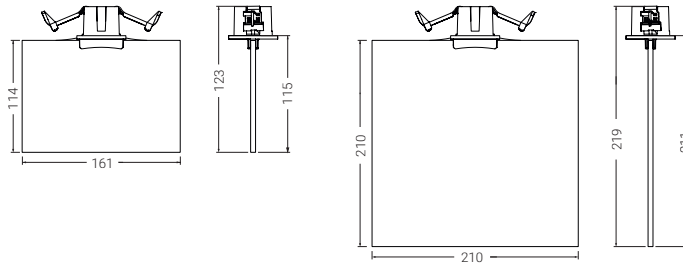
# Via Accessories

## Blade diffuser



Pictogram not included

		PACKAGING
<b>V-DB</b>	Blade diffuser. Dimensions 161 x 114 mm. To be used with pictograms code PV.	16
<b>V-DBL</b>	Blade diffuser. Dimensions 210 x 210 mm. To be used with pictograms code PVL.	20



## Recession frames

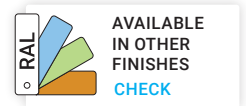
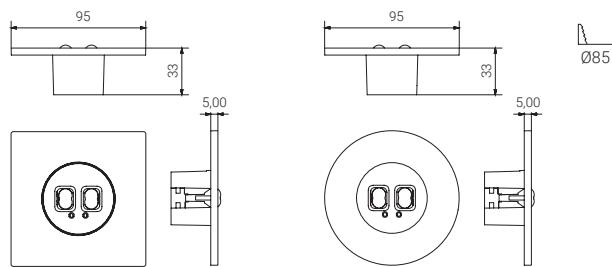


V-R



V-RR

		PACKAGING
<b>V-R</b>	95 x 95 mm white square frame for the VIA embedded range. Allows lower installation height (65mm).	20
<b>V-RR</b>	95 x 95 mm white round frame for the VIA embedded range. Allows lower installation height (65mm).	30



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

## Fixing supports

		PACKAGING
<b>V-SB</b>	Wall mounting accessory. Only compatible with VIA LED surface mounted fittings	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

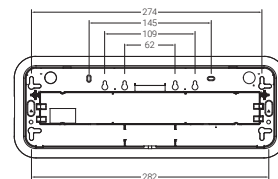
### Even easier installation

The new Dunna 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

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



D-MEL

**N** New waterproof box with higher IP rating.



D-MS

**N** New recession box for mounting on a brick wall.



D-MEP

**N** New blade diffuser to signal manual call points for fire.



D-DBL

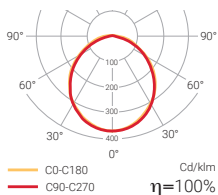


# Dunna

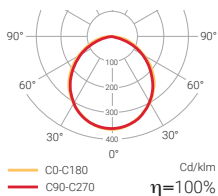


Some versions compliant with French Regulation

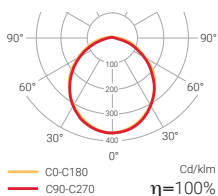
### Non-maintained multiled



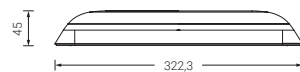
### Maintained led



### Maintained multiled

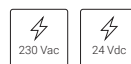
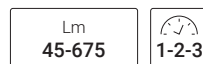
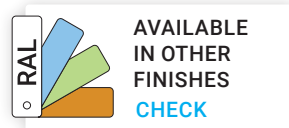


DUNNA product range reflects the experience obtained from manufacturing emergency lighting for almost half a century; it is one of our classic and most successful luminaires but it is constantly evolving. The latest LED technology and an avant-garde redesign to adapt it to modern times.



### 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


	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>D-30L</b>	White	—	45 lm	1 h	0,4	20
<b>D-60L</b>	White	—	60 lm	1 h	0,4	20
<b>D-100L</b>	White	—	110 lm	1 h	0,4	20
<b>D-150L</b>	White	—	140 lm	1 h	0,4	20
<b>D-200L</b>	White	—	200 lm	1 h	0,4	20
<b>D-300L</b>	White	—	330 lm	1 h	0,4	20
<b>D-400L</b>	White	—	400 lm	1 h	0,5	20
<b>D-500L</b>	White	—	480 lm	1 h	0,5	20
<b>D-600L</b>	White	—	580 lm	1 h	0,6	20
<b>D-700L</b>	White	—	675 lm	1 h	0,7	20
<b>D2-200L</b>	White	—	200 lm	2 h	0,5	20
<b>D2-300L</b>	White	—	300 lm	2 h	0,6	20
<b>D2-400L</b>	White	—	410 lm	2 h	0,6	20
<b>D2-500L</b>	White	—	530 lm	2 h	0,6	20
<b>D3-60L</b>	White	—	60 lm	3 h	0,4	20
<b>D3-200L</b>	White	—	200 lm	3 h	0,5	20
<b>D3-300L</b>	White	—	310 lm	3 h	0,6	20
<b>D3-400L</b>	White	—	400 lm	3 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

## Maintained LED

IP  
44


	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>DL-100</b>	White	—	130 lm	1 h	0,5	20
<b>DL-150</b>	White	—	170 lm	1 h	0,4	20
<b>DL-200</b>	White	—	230 lm	1 h	0,5	20
<b>DL-300</b>	White	—	360 lm	1 h	0,4	20
<b>DL-400</b>	White	—	400 lm	1 h	0,5	20
<b>DL-500</b>	White	—	480 lm	1 h	0,7	20
<b>DL2-200</b>	White	—	270 lm	2 h	0,4	20
<b>DL3-60</b>	White	—	60 lm	3 h	0,5	20
<b>DL3-100</b>	White	—	120 lm	3 h	0,5	20
<b>DL3-300</b>	White	—	335 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

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>DL-60M</b>	White	—	70 lm	1 h	0,4	20
<b>DL-150M</b>	White	—	145 lm	1 h	0,4	20
<b>DL-200M</b>	White	—	170 lm	1 h	0,4	20
<b>DL-300M</b>	White	—	325 lm	1 h	0,5	20
<b>DL3-150M</b>	White	—	160 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

## Dunna

## Autotest



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

Check additional costs.

## Non-maintained MULTILED

IP  
44

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>DA-60L</b>	White	—	70 lm	1 h	0,4	20
<b>DA-100L</b>	White	—	135 lm	1 h	0,4	20
<b>DA-150L</b>	White	—	145 lm	1 h	0,4	20
<b>DA-200L</b>	White	—	195 lm	1 h	0,4	20
<b>DA-300L</b>	White	—	290 lm	1 h	0,4	20
<b>DA-400L</b>	White	—	390 lm	1 h	0,5	20
<b>DA-500L</b>	White	—	490 lm	1 h	0,5	20
<b>DA-600L</b>	White	—	650 lm	1 h	0,6	20
<b>DA2-200L</b>	White	—	210 lm	2 h	0,5	20
<b>DA3-100L</b>	White	—	100 lm	3 h	0,4	20
<b>DA3-200L</b>	White	—	180 lm	3 h	0,5	20
<b>DA3-300L</b>	White	—	290 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

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>DAL-60M</b>	White	—	85 lm	1 h	0,4	20
<b>DAL-100M</b>	White	—	92 lm	1 h	0,4	20
<b>DAL-200M</b>	White	—	210 lm	1 h	0,4	20
<b>DAL-300M</b>	White	—	300 lm	1 h	0,4	20
<b>DAL2-200M</b>	White	—	200 lm	2 h	0,4	20
<b>DAL3-100M</b>	White	—	120 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

## Sati



DS-60R: Modified frame for ATEX enclosure accessory

## Non permanent MULTILED

IP  
44

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>DH-10</b>	White	SATI	12 lm	5 h	0,7	20
<b>DS-60</b>	White	SATI	82 lm	1 h	0,7	20
<b>DS-60R</b>	White	SATI	82 lm	1 h	0,6	20
<b>DS-300</b>	White	SATI	303 lm	1 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

# Dunna

## Intelligent DALI

Compatible with **NormaLINK**



### Non-maintained MULTILED

IP 44

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>DID-100L</b>	White	DALI	140 lm	1 h	0,4	20
<b>DID-200L</b>	White	DALI	190 lm	1 h	0,4	20
<b>DID-300L</b>	White	DALI	300 lm	1 h	0,4	20
<b>DID-400L</b>	White	DALI	410 lm	1 h	0,5	20
<b>DID-500L</b>	White	DALI	500 lm	1 h	0,5	20
<b>DID2-200L</b>	White	DALI	200 lm	2 h	0,4	20
<b>DID3-200L</b>	White	DALI	200 lm	3 h	0,5	20
<b>DID3-300L</b>	White	DALI	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

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>DIDL-100M</b>	White	DALI	92 lm	1 h	0,4	20
<b>DIDL-200M</b>	White	DALI	180 lm	1 h	0,4	20
<b>DIDL-300M</b>	White	DALI	280 lm	1 h	0,4	20
<b>DIDL2-200M</b>	White	DALI	215 lm	2 h	0,4	20
<b>DIDL3-100M</b>	White	DALI	120 lm	3 h	0,4	20

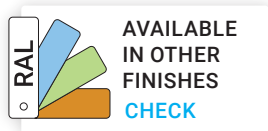
Available in 127v AC 50/60Hz. Indicate reference + V. Check additional costs  
 Available in 24v DC. Indicate reference + C. Check additional costs

## Central Battery System

### Maintained MULTILED

IP 44

	FINISHING	POWER SUPPLY	LUMEN OUTPUT	CONSUMPTION	CURRENT		PACKAGING
<b>C24 D-S32L24</b>	White	24 Vcc	330 lm	3,5 W	0,146 A	0,4	20
<b>C24i DI-S32L24</b>	White	24 Vcc	330 lm	3 W	0,125 A	0,4	20
<b>D-S3L</b>	White	230 Vca	300 lm	3,5 W	0,007 A	0,4	20

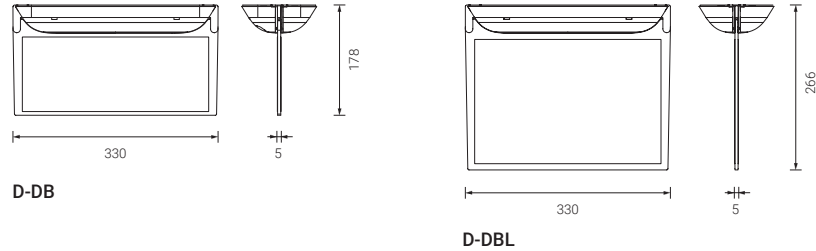


# Dunna Accessories

## Diffuser blade



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



## Recession frames

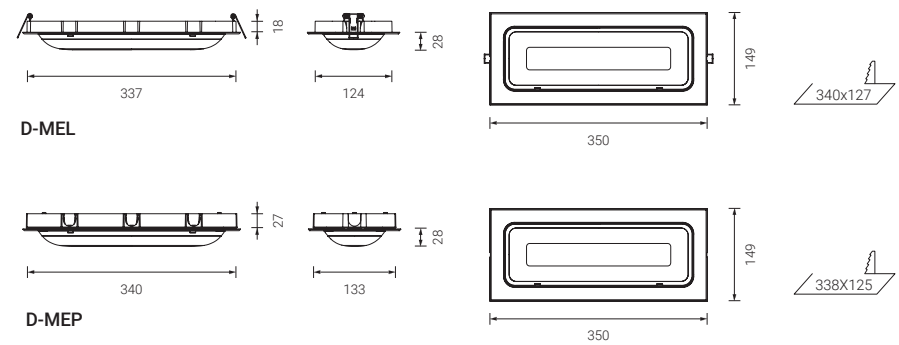


D-MEL



D-MEP

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



## Recession frames with diffuser blade

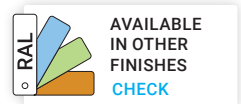
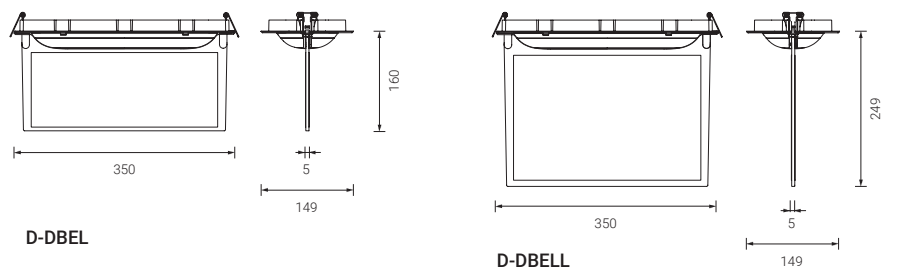


D-DBEL



D-DBELL

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



# Dunna Accessories

## Assembly adaptors



**D-AT** Adaptador para el montaje de un tubo de métrica 20

PACKAGING

20



## IP66 / IP65 Housings



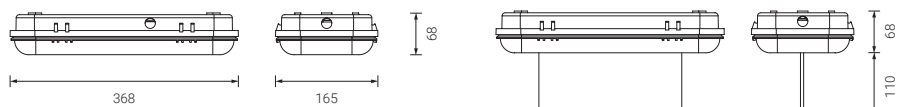
D-MS

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

PACKAGING

20

20



D-MS

DM-DB

## 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  
**S-TF** Remote control for up to 500 fittings standard or autotest  
**S-TF50** Remote control for up to 50 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)

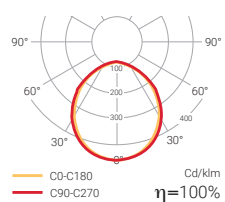
10 m

Please check for other pictograms

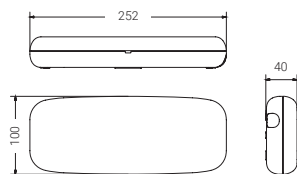


# Stylo

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.



**RAL** AVAILABLE IN OTHER FINISHES CHECK

CE 850°C LED



Lm **40-500**

**1-2**



Ni-Cd

IP **44**

IK **04**

230 Vac




EN 60598-2-22

## Stylo

## Standard

## Non-maintained


IP  
44

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>S-30L</b>	White	—	40 lm	1 h	0,3	20
<b>S-60L</b>	White	—	70 lm	1 h	0,3	20
<b>S-100L</b>	White	—	115 lm	1 h	0,3	20
<b>S-150L</b>	White	—	145 lm	1 h	0,3	20
<b>S-200L</b>	White	—	195 lm	1 h	0,3	20
<b>S-300L</b>	White	—	320 lm	1 h	0,4	20
<b>S-400L</b>	White	—	385 lm	1 h	0,4	20
<b>S-500L</b>	White	—	500 lm	1 h	0,4	20
<b>S2-200L</b>	White	—	270 lm	2 h	0,4	20
<b>S3-100L</b>	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


	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>SL-60M</b>	White	—	80 lm	1 h	0,3	20
<b>SL-150M</b>	White	—	160 lm	1 h	0,3	20
<b>SL-200M</b>	White	—	195 lm	1 h	0,3	20
<b>SL-300M</b>	White	—	280 lm	1 h	0,4	20
<b>SL-400M</b>	White	—	375 lm	1 h	0,3	20
<b>SL3-100M</b>	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

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>SA-60L</b>	White	—	70 lm	1 h	0,3	20
<b>SA-100L</b>	White	—	125 lm	1 h	0,3	20
<b>SA-150L</b>	White	—	160 lm	1 h	0,3	20
<b>SA-200L</b>	White	—	195 lm	1 h	0,3	20
<b>SA-300L</b>	White	—	290 lm	1 h	0,4	20
<b>SA-400L</b>	White	—	440 lm	1 h	0,4	20
<b>SA-500L</b>	White	—	495 lm	1 h	0,4	20
<b>SA3-200L</b>	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

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>SAL-60M</b>	White	—	75 lm	1 h	0,3	20
<b>SAL-150M</b>	White	—	160 lm	1 h	0,3	20
<b>SAL-200M</b>	White	—	195 lm	1 h	0,3	20
<b>SAL-300M</b>	White	—	290 lm	1 h	0,3	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

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

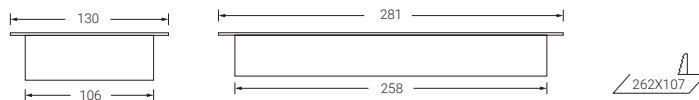


## Recession frames



Valid for ceilings and concrete walls

<b>S-ME</b>	Recessed mounting frame for the STYLO range	PACKAGING 20
-------------	---	-----------------

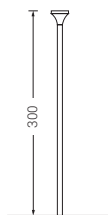


## Wall and ceiling mounting accessories

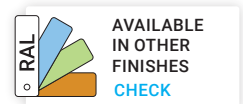
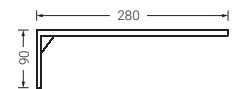
<b>S-KS</b>	Ceiling suspension with 300 mm with aluminium rod (2 units)
<b>U-SBC</b>	Wall fixation bracket



S-KS



U-SBC + S-DB





# Stylo Accessories

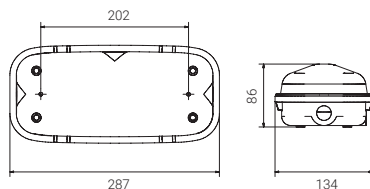
## Waterproof box



**S-MS** IP65 IK07 box for the STYLO range

PACKAGING

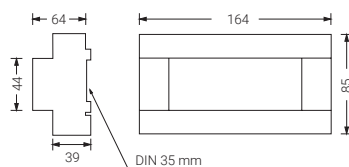
20



## Remote controls



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



## Pictograms

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

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

**Type LN** 230 x 110 mm



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

**22 m**

**Type PD** 240 x 120 mm



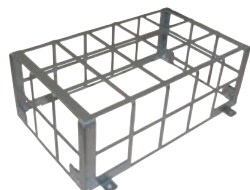
Maximum viewing distance  
(according to EN1838 for  
internally illuminated signs)

**24 m**



Please check for other pictograms

## Antivandalic enclosure



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

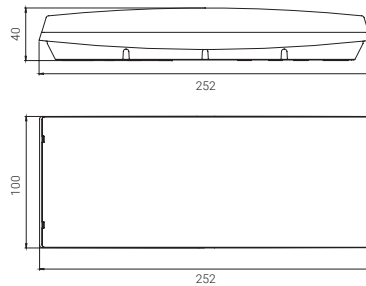
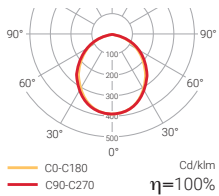


New  
waterproof box  
IP68

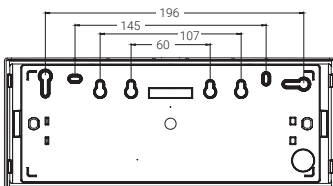
GS



Some versions compliant with French Regulation



**RAL**  
AVAILABLE  
IN OTHER  
FINISHES  
**CHECK**



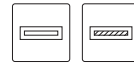
**!** MAXIMUM INSTALLATION COMPATIBILITY

**!** Suitable for use with remote control (Only non maintained fittings)



Lm  
**70-500**

**1-2**



IP  
**44**

IK  
**07**



EN 60598-2-22




Remote controlled

## GS

## Standard

## Non-maintained


IP  
44

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>G-60L</b>	White	—	70 lm	1 h	0,3	30
<b>G-100L</b>	White	—	110 lm	1 h	0,3	30
<b>G-150L</b>	White	—	150 lm	1 h	0,3	30
<b>G-200L</b>	White	—	210 lm	1 h	0,3	30
<b>G-300L</b>	White	—	325 lm	1 h	0,3	30
<b>G-400L</b>	White	—	400 lm	1 h	0,3	30
<b>G-500L</b>	White	—	500 lm	1 h	0,3	30
<b>G2-100L</b>	White	—	126 lm	2 h	0,3	30
<b>G2-300L</b>	White	—	305 lm	2 h	0,3	30
<b>G3-100L</b>	White	—	130 lm	3 h	0,3	30
<b>G3-200L</b>	White	—	200 lm	3 h	0,3	30

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

## Maintained

IP  
44


	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>GL-60</b>	White	—	80 lm	1 h	0,3	30
<b>GL-100</b>	White	—	100 lm	1 h	0,3	30
<b>GL-150</b>	White	—	170 lm	1 h	0,3	30
<b>GL-200</b>	White	—	200 lm	1 h	0,3	30
<b>GL-300</b>	White	—	300 lm	1 h	0,3	30
<b>GL-400</b>	White	—	400 lm	1 h	0,3	30
<b>GL3-100</b>	White	—	110 lm	3 h	0,3	30

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

## Autotest

## Non-maintained


IP  
44

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>GA-60L</b>	White	—	70 lm	1 h	0,3	30
<b>GA-100L</b>	White	—	130 lm	1 h	0,3	30
<b>GA-150L</b>	White	—	170 lm	1 h	0,3	30
<b>GA-200L</b>	White	—	200 lm	1 h	0,3	30
<b>GA-300L</b>	White	—	310 lm	1 h	0,3	30
<b>GA-400L</b>	White	—	465 lm	1 h	0,3	30
<b>GA-500L</b>	White	—	500 lm	1 h	0,3	30
<b>GA2-300L</b>	White	—	310 lm	2 h	0,3	30
<b>GA3-200L</b>	White	—	195 lm	3 h	0,3	30

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

## Maintained

IP  
44

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>GAL-60</b>	White	—	75 lm	1 h	0,2	20
<b>GAL-150</b>	White	—	155 lm	1 h	0,3	30
<b>GAL-200</b>	White	—	190 lm	1 h	0,3	30
<b>GAL-300</b>	White	—	310 lm	1 h	0,3	30

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

# GS

## Sati



### Non-maintained MULTILED

IP 44

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>GH-10</b>	White	SATI	13 lm	1 h	0,4	30
<b>GS-60</b>	White	SATI	90 lm	1 h	0,4	30
<b>GS-400</b>	White	SATI	390 lm	1 h	0,4	30

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

## Central Battery System

### Maintained

IP 44

	FINISHING	POWER SUPPLY	LUMEN OUTPUT	CONSUMPTION	CURRENT		PACKAGING
<b>G-S16L</b>	White	230 Vca	200 lm	2,4 W	0,045 A	0,2	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.

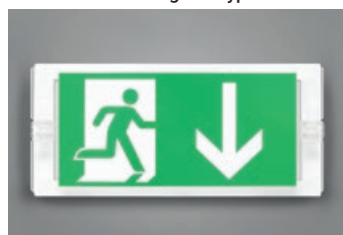
GS + G-DB + Pictogram Type PD



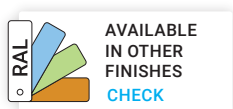
GS + G-ME + G-DBE + Pictogram Type PD



GS + G-DBP + Pictogram Type LN



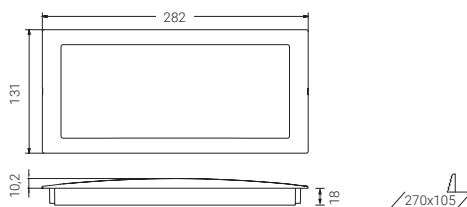
GS + G-ME + G-DBPE + Pictogram Type LN



# GS Accessories

## Recession frames

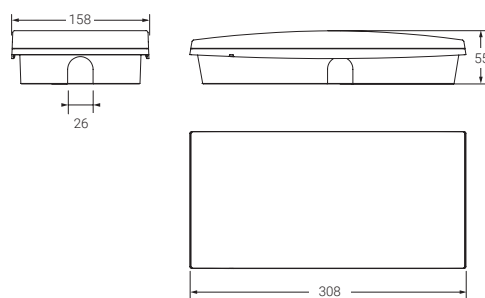
**G-ME** Recession frame for GS luminaires. White colour



## 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

**S-TF** Remote control for up to 500 fittings standard or autotest

**S-TF50** Remote control for up to 50 fittings standard or autotest

## Pictograms

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

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

**Type LN** 230 x 110 mm



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

**22 m**

**Type PD** 240 x 120 mm



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

**24 m**



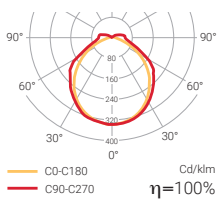
Please check for other pictograms



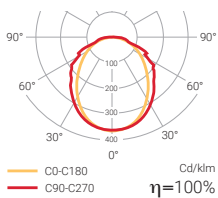
Up to 1200  
lumen output

# Hermetic

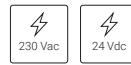
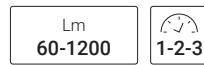
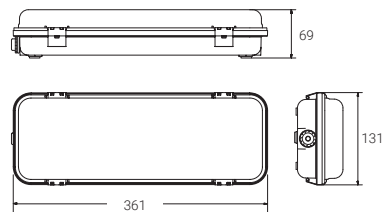
Maintained led





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  
**CHECK**

 Remote controlled

## Hermetic

## Standard

## Non-maintained


IP  
65

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>DE-60L</b>	White	—	60 lm	1 h	0,6	20
<b>DE-100L</b>	White	—	110 lm	1 h	0,6	20
<b>DE-150L</b>	White	—	140 lm	1 h	0,7	20
<b>DE-200L</b>	White	—	200 lm	1 h	0,7	20
<b>DE-300L</b>	White	—	330 lm	1 h	0,7	20
<b>DE-400L</b>	White	—	400 lm	1 h	0,7	20
<b>DE-500L</b>	White	—	500 lm	1 h	0,8	20
<b>DE-600L</b>	White	—	620 lm	1 h	0,8	20
<b>DE-1100L</b>	White	—	1200 lm	1 h	0,9	20
<b>DE2-200L</b>	White	—	200 lm	2 h	0,7	20
<b>DE2-400L</b>	White	—	410 lm	2 h	0,8	20
<b>DE2-500L</b>	White	—	530 lm	2 h	0,8	20
<b>DE3-60L</b>	White	—	60 lm	3 h	0,6	20
<b>DE3-200L</b>	White	—	200 lm	3 h	0,7	20
<b>DE3-300L</b>	White	—	280 lm	3 h	0,8	20
<b>DE3-400L</b>	White	—	400 lm	3 h	0,9	20
<b>DE3-500L</b>	White	—	480 lm	3 h	0,9	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

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>DEL-100</b>	White	—	110 lm	1 h	0,7	20
<b>DEL-150</b>	White	—	150 lm	1 h	0,7	20
<b>DEL-200</b>	White	—	200 lm	1 h	0,7	20
<b>DEL-300</b>	White	—	330 lm	1 h	0,7	20
<b>DEL-400</b>	White	—	395 lm	1 h	0,7	20
<b>DEL-500</b>	White	—	480 lm	1 h	0,9	20
<b>DEL2-200</b>	White	—	270 lm	2 h	0,7	20
<b>DEL3-100</b>	White	—	120 lm	3 h	0,7	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

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>DEL-60M</b>	White	—	70 lm	1 h	0,6	20
<b>DEL-150M</b>	White	—	145 lm	1 h	0,7	20
<b>DEL-200M</b>	White	—	170 lm	1 h	0,7	20
<b>DEL-300M</b>	White	—	325 lm	1 h	0,7	20
<b>DEL2-200M</b>	White	—	240 lm	2 h	0,7	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

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>DEA-60L</b>	White	—	70 lm	1 h	0,6	20
<b>DEA-100L</b>	White	—	110 lm	1 h	0,7	20
<b>DEA-150L</b>	White	—	145 lm	1 h	0,7	20
<b>DEA-200L</b>	White	—	195 lm	1 h	0,7	20
<b>DEA-300L</b>	White	—	290 lm	1 h	0,7	20
<b>DEA-400L</b>	White	—	390 lm	1 h	0,7	20
<b>DEA-500L</b>	White	—	490 lm	1 h	0,7	20
<b>DEA-600L</b>	White	—	580 lm	1 h	0,9	20
<b>DEA2-200L</b>	White	—	210 lm	2 h	0,7	20
<b>DEA3-200L</b>	White	—	180 lm	3 h	0,7	20
<b>DEA3-500L</b>	White	—	525 lm	3 h	0,9	20

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

## Maintained

IP  
65

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>DEAL-100M</b>	White	—	92 lm	1 h	0,6	20
<b>DEAL-200M</b>	White	—	210 lm	1 h	0,7	20
<b>DEAL-300M</b>	White	—	300 lm	1 h	0,7	20
<b>DEAL2-200M</b>	White	—	200 lm	2 h	0,7	20
<b>DEAL3-100M</b>	White	—	100 lm	3 h	0,7	20


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

## Intelligent DALI

Compatible with **NormaLINK** 

## Non-maintained


IP  
65

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>DEID-100L</b>	White	DALI	140 lm	1 h	0,7	20
<b>DEID-200L</b>	White	DALI	190 lm	1 h	0,7	20
<b>DEID-300L</b>	White	DALI	300 lm	1 h	0,7	20
<b>DEID-400L</b>	White	DALI	410 lm	1 h	0,7	20
<b>DEID-500L</b>	White	DALI	500 lm	1 h	0,7	20
<b>DEID2-200L</b>	White	DALI	200 lm	2 h	0,7	20
<b>DEID2-300L</b>	White	DALI	295 lm	2 h	0,7	20
<b>DEID3-200L</b>	White	DALI	205 lm	3 h	0,7	20
<b>DEID3-400L</b>	White	DALI	480 lm	3 h	0,9	20
<b>DEID3-500L</b>	White	DALI	490 lm	3 h	0,9	20

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

## Maintained

IP  
65

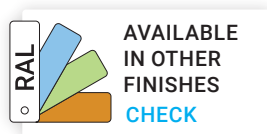
	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>DEIDL-100M</b>	White	DALI	92 lm	1 h	0,6	20
<b>DEIDL-200M</b>	White	DALI	210 lm	1 h	0,6	20
<b>DEIDL-300M</b>	White	DALI	300 lm	1 h	0,7	20
<b>DEIDL2-200M</b>	White	DALI	200 lm	2 h	0,6	20
<b>DEIDL3-100M</b>	White	DALI	100 lm	3 h	0,6	20

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



# Hermetic

## Central Battery System



## Maintained

IP 65

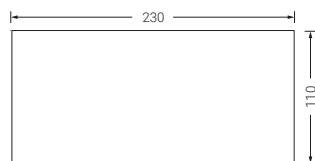
	FINISHING	POWER SUPPLY	LUMEN OUTPUT	CONSUMPTION	CURRENT		PACKAGING
C24	DE-S32L24	White	24 Vcc	300 lm	3,5 W	0,146 A	0,7 20
C24	DE-S32LH24	White	24 Vcc	450 lm	7 W	0,292 A	0,7 20
C24i	DEI-S32L24	White	24 Vcc	310 lm	3 W	0,125 A	0,7 20
C24i	DEI-S32LH24	White	24 Vcc	450 lm	7 W	0,292 A	0,7 20
	DE-S3L	White	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*

Type LN 230 x 110 mm



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

22 m



Please check for other pictograms

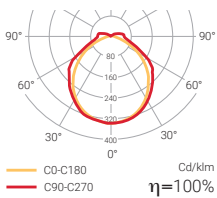
### Antivandalic enclosure

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

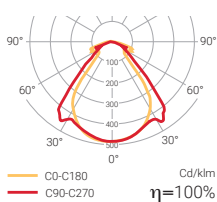


# Hermetic EX

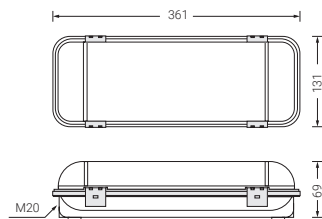
Maintained led



Non-maintained multiled



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



**RAL**  
AVAILABLE  
IN OTHER  
FINISHES  
**CHECK**

CE 850°C LED



Lm  
**40-290** 1-2-3



Ni-Cd

IP **65** IK **10**

230 Vac

EN 60598-2-22

⊕ 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

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>DE-60LEX</b>	White	—	40 lm	1 h	0,6	20
<b>DE-100LEX</b>	White	—	55 lm	1 h	0,7	20
<b>DE-150LEX</b>	White	—	65 lm	1 h	0,7	20
<b>DE-200LEX</b>	White	—	105 lm	1 h	0,7	20
<b>DE-300LEX</b>	White	—	165 lm	1 h	0,7	20
<b>DE-400LEX</b>	White	—	230 lm	1 h	0,7	20
<b>DE-500LEX</b>	White	—	290 lm	1 h	0,8	20
<b>DE3-60LEX</b>	White	—	60 lm	3 h	0,7	20
<b>DE3-200LEX</b>	White	—	105 lm	3 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

## Maintained

IP  
65


	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>DEL-60EX</b>	White	—	40 lm	1 h	0,6	20
<b>DEL-150EX</b>	White	—	100 lm	1 h	0,7	20
<b>DEL-200EX</b>	White	—	170 lm	1 h	0,7	20
<b>DEL-300EX</b>	White	—	185 lm	1 h	0,7	20
<b>DEL2-200EX</b>	White	—	150 lm	2 h	0,0	20
<b>DEL3-100EX</b>	White	—	70 lm	3 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

## Central Battery System

## Maintained

IP  
65

	FINISHING	POWER SUPPLY	LUMEN OUTPUT	CONSUMPTION	CURRENT		PACKAGING
<b>C24</b> <b>C24i</b> <b>DE-S32L24EX</b>	White	24 Vcc	200 lm	10,2 W	0,425 A	0,7	20
<b>DEI-S32L24EX</b>	White	24 Vcc	155 lm	3 W	0,125 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*

Please check for other pictograms

Type LN 230 x 110 mm

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

22 m

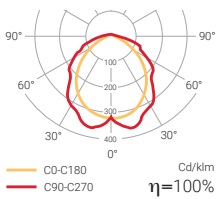


# Smart

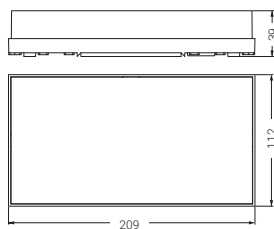


Some versions compliant with French Regulation

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 CHECK



Lm 70-390

1-2-3



SATI

SATI ADRESSABLE

Ni-Cd

IP 42

IK 07

230 Vac



EN 60598-2-22

**+** Remote controlled

## Smart

## Standard


## Non-maintained

IP  
42

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>SS-100L</b>	White	—	70 lm	1 h	0,3	20
<b>SS-200L</b>	White	—	190 lm	1 h	0,4	20
<b>SS-300L</b>	White	—	330 lm	1 h	0,4	20
<b>SS-400L</b>	White	—	390 lm	1 h	0,4	20
<b>SS2-300L</b>	White	—	260 lm	2 h	0,4	20
<b>SS3-100L</b>	White	—	100 lm	3 h	0,4	20

## Maintained


IP  
42

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>SSL-100</b>	White	—	130 lm	1 h	0,4	20
<b>SSL-200</b>	White	—	220 lm	1 h	0,4	20
<b>SSL-300</b>	White	—	270 lm	1 h	0,4	20

## Autotest


## Non-maintained

IP  
42

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>SSA-100L</b>	White	—	70 lm	1 h	0,4	20
<b>SSA-200L</b>	White	—	190 lm	1 h	0,4	20
<b>SSA-300L</b>	White	—	300 lm	1 h	0,5	20
<b>SSA2-300L</b>	White	—	350 lm	2 h	0,5	20
<b>SSA3-100L</b>	White	—	120 lm	3 h	0,5	20

## Maintained / Non-maintained

IP  
42

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>SSAL-100</b>	White	—	130 lm	1 h	0,3	20
<b>SSAL-200</b>	White	—	230 lm	1 h	0,4	20
<b>SSAL-300</b>	White	—	320 lm	1 h	0,4	20
<b>SSAL3-100</b>	White	—	115 lm	3 h	0,4	20


## Sati



In process of homologation

## Non-maintained MULTILED

IP  
42


	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>SH-10</b>	White	SATI	13 lm	5 h	0,4	20
<b>SSH-60</b>	White	SATI	60 lm	1 h	0,4	20
<b>SS-60</b>	White	SATI	60 lm	1 h	0,4	20
<b>SS-60DBR*</b>	White	SATI	60 lm	1 h	0,5	20
<b>SS-300</b>	White	SATI	380 lm	1 h	0,5	20

## Intelligent DALI

Compatible with **NormaLINK** 

## Non-maintained

IP  
42

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>SSID-100L</b>	White	DALI	150 lm	1 h	0,4	20
<b>SSID-200L</b>	White	DALI	190 lm	1 h	0,4	20
<b>SSID-300L</b>	White	DALI	330 lm	1 h	0,5	20

# Smart

## Sati Adressable

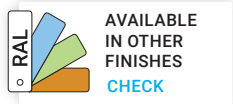


### Non-maintained MULTILED

IP 42

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>SHI-10</b>	White	SATI ADR	13 lm	5 h	0,4	20
<b>SSH-60</b>	White	SATI ADR	60 lm	1 h	0,4	20
<b>SSI-60</b>	White	SATI ADR	60 lm	1 h	0,4	20
<b>SSI-300</b>	White	SATI ADR	380 lm	1 h	0,5	20

## Central Battery System



### Maintained

IP 42

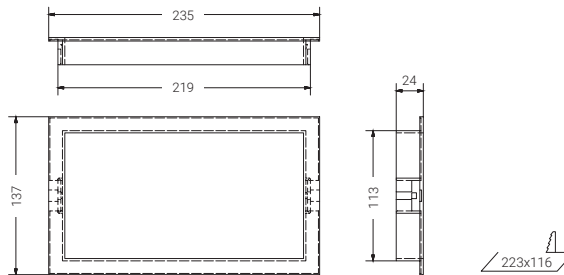
	FINISHING	POWER SUPPLY	LUMEN OUTPUT	CONSUMPTION	CURRENT		PACKAGING
<b>SS-S24L24</b>	White	24 Vcc	300 lm	2,9 W	0,121 A	0,3	20
<b>SS-S24L24-F</b>	White	24 Vcc	310 lm	2,9 W	0,12 A	0,3	20
<b>SS-S25L-F</b>	White	230 Vca	340 lm	3,5 W	0,0152 A	0,3	20
<b>SS-S25L</b>	White	230 Vca	300 lm	3,5 W	0,013 A	0,3	20

## Accessories

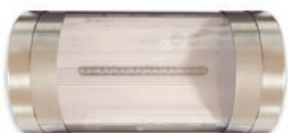
### Recession frames



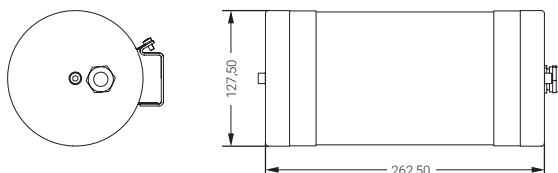
		PACKAGING
<b>SS-ME</b>	Recessed mounting frame for the SMART range. White colour	20



### Tubular enclosure

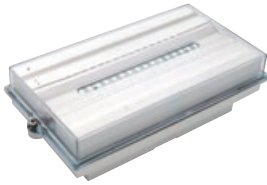


<b>S-MST</b>	Tubular enclosure for SMART luminaires
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# Smart Accessories

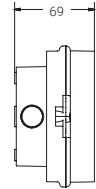
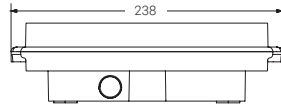
## Waterproof kit



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

PACKAGING

20



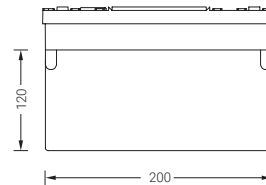
## Blade diffuser



Embedded installation (SS-DBE)



Surface mounted (SS-DB)



**SS-DB** Blade diffuser compatible with all the fittings of SMART product range

PACKAGING

20

**SS-DBE** Blade diffuser compatible with the recession frame SS-ME (not included)

20

## Antivandalic enclosure

**U-AVC** Antivandalic enclosure

PACKAGING

12

## Remote controls

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

**S-TF** Remote control for up to 500 fittings standard or autotest

**S-TF50** Remote control for up to 50 fittings standard or autotest

## Pictograms

**Type PS** Non adhesive pictogram 200 x 120 mm. *References according to table below*

**Type SN** Adhesive pictogram 200 x 104 mm. *References according to table below*

**Type PS** 200 x 120 mm



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

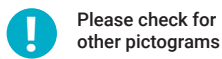
24 m

**Type SN** 200 x 104 mm



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

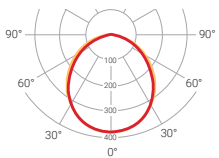
20,8 m





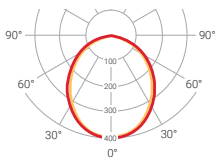
# Extraplana

Maintained / Non-maintained led



— CO-C180  
— C90-C270  
Cd/klm  
η=100%

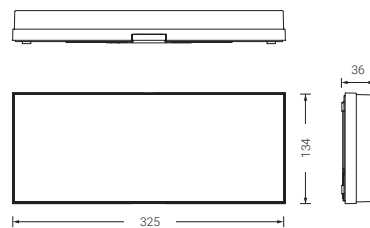
Maintained / Non-maintained multiled



— CO-C180  
— C90-C270  
Cd/klm  
η=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  
CHECK

850°C LED



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



Ni-Cd

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

230 Vac 24 Vdc



EN 60598-2-22

Remote controlled




# Extraplana

## Standard


### Non-maintained

IP  
44

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>F-80L</b>	White	—	90 lm	1 h	0,6	20
<b>F-200L</b>	White	—	220 lm	1 h	0,6	20
<b>F-300L</b>	White	—	350 lm	1 h	0,7	20
<b>F-400L</b>	White	—	400 lm	1 h	0,7	20
<b>F-500L</b>	White	—	500 lm	1 h	0,8	20
<b>F2-200L</b>	White	—	200 lm	2 h	0,7	20
<b>F2-300L</b>	White	—	440 lm	2 h	0,8	20
<b>F3-80L</b>	White	—	80 lm	3 h	0,6	20

### Maintained / Non-maintained

IP  
42

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>FL-60</b>	White	—	95 lm	1 h	0,6	20
<b>FL-150</b>	White	—	130 lm	1 h	0,6	20
<b>FL-200</b>	White	—	180 lm	1 h	0,7	20
<b>FL-300</b>	White	—	300 lm	1 h	0,7	20
<b>FL2-200</b>	White	—	275 lm	2 h	0,7	20
<b>FL3-100</b>	White	—	130 lm	3 h	0,7	20




## Extraplana

## Autotest

## Non-maintained

IP  
44

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>FA-100L</b>	White	—	150 lm	1 h	0,6	20
<b>FA-200L</b>	White	—	220 lm	1 h	0,6	20
<b>FA-300L</b>	White	—	300 lm	1 h	0,6	20
<b>FA-400L</b>	White	—	420 lm	1 h	0,7	20
<b>FA-500L</b>	White	—	520 lm	1 h	0,7	20
<b>FA2-200L</b>	White	—	240 lm	2 h	0,6	20
<b>FA2-300L</b>	White	—	315 lm	2 h	0,7	20
<b>FA3-100L</b>	White	—	80 lm	3 h	0,7	20

## Maintained / Non-maintained

IP  
42


	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>FAL-100</b>	White	—	130 lm	1 h	0,6	20
<b>FAL-200</b>	White	—	210 lm	1 h	0,7	20
<b>FAL-300</b>	White	—	300 lm	1 h	0,7	20
<b>FAL2-200</b>	White	—	300 lm	2 h	0,8	20
<b>FAL3-100</b>	White	—	130 lm	3 h	0,7	20

## Intelligent DALI

Compatible with **NormaLINK** 


## Non-maintained

IP  
44

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>FID-100L</b>	White	DALI	100 lm	1 h	0,6	20
<b>FID-200L</b>	White	DALI	220 lm	1 h	0,6	20
<b>FID-300L</b>	White	DALI	350 lm	1 h	0,7	20
<b>FID-400L</b>	White	DALI	420 lm	1 h	0,9	20
<b>FID-500L</b>	White	DALI	500 lm	1 h	0,8	20
<b>FID2-200L</b>	White	DALI	280 lm	2 h	0,7	20
<b>FID2-350L</b>	White	DALI	350 lm	2 h	0,8	20
<b>FID3-100L</b>	White	DALI	80 lm	3 h	0,7	20

## Maintained / Non-maintained

IP  
42


	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>FIDL-100</b>	White	DALI	100 lm	1 h	0,6	20
<b>FIDL-200</b>	White	DALI	180 lm	1 h	0,7	20
<b>FIDL-300</b>	White	DALI	300 lm	1 h	0,7	20
<b>FIDL-500</b>	White	DALI	500 lm	1 h	0,8	20
<b>FIDL2-200</b>	White	DALI	250 lm	2 h	0,8	20
<b>FIDL3-100</b>	White	DALI	100 lm	3 h	0,8	20


# Extraplana

## Central Battery System

Maintained

IP 42

		FINISHING	POWER SUPPLY	LUMEN OUTPUT	CONSUMPTION	CURRENT		PACKAGING
<b>C24</b>	<b>F-S32L24</b>	White	24 Vcc	300 lm	3 W	0,125 A	1,3	20
<b>C24i</b>	<b>FI-S32L24</b>	White	24 Vcc	180 lm	7 W	0,292 A	0,6	20
	<b>F-S3L</b>	White	230 Vca	210 lm	3,8 W	0,006 A	0,6	20

 **AVAILABLE IN OTHER FINISHES**  
[CHECK](#)

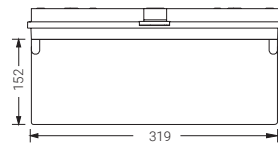


# Extraplana Accessories

## Blade diffuser



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

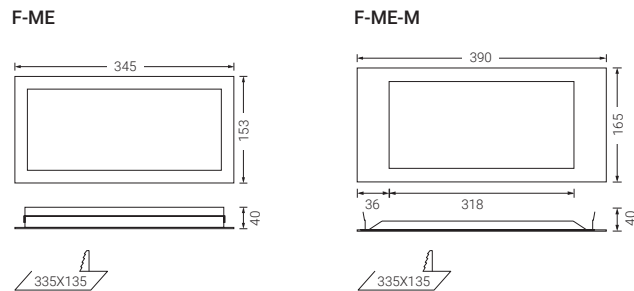


## Recession frames

### FOR CEILINGS



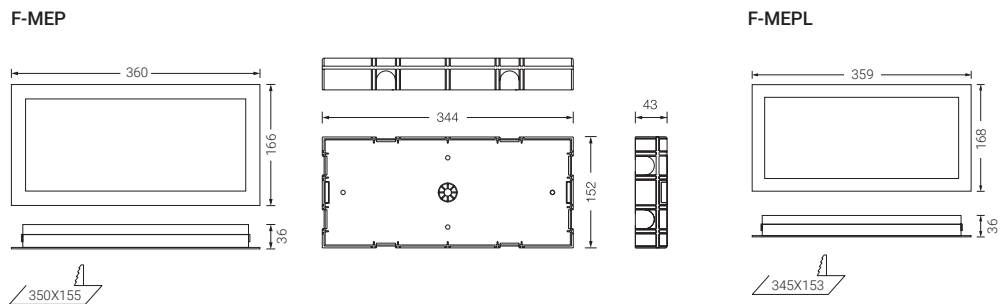
		PACKAGING
<b>F-ME</b>	Recession frame for EXTRAPLANA series. White colour	20
<b>F-ME-M</b>	Metallic recession frame for EXTRAPLANA series	20



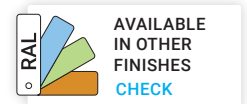
### FOR WALLS



		PACKAGING
<b>F-MEP</b>	Recession frame and box for plasterboard for the EXTRAPLANA range. White colour	20
<b>F-MEPL</b>	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

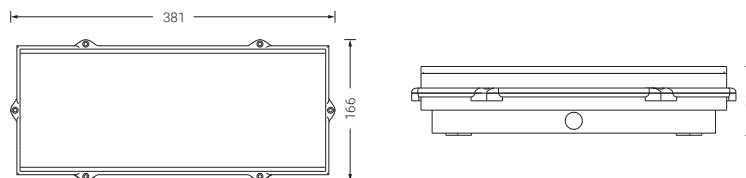


F-MS

**F-MS** IP65, IK07 housing

PACKAGING

12



## Recession frame for waterproof housing

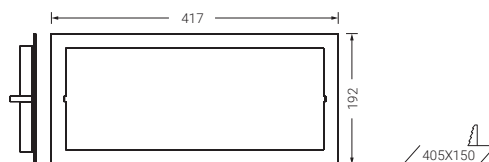


F-MES

**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

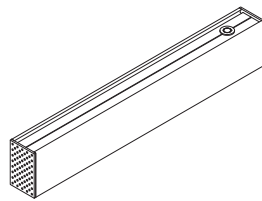
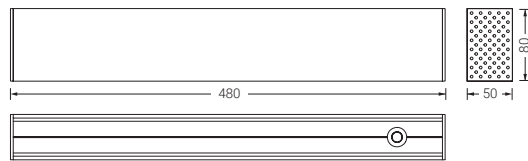
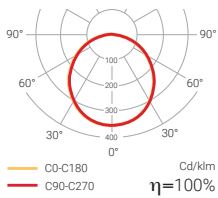


# Lissa

emergency light



Some versions compliant with French Regulation



Lm  
**254-320**

**1-3**



IP  
**20**

IK  
**08**

230 Vac

24 Vdc



EN 60598-2-22

Available also as Exit sign (page 128)

For special luminaires, please contact us

**RAL**  
AVAILABLE IN OTHER FINISHES  
**CHECK**


## Lissa emergency light

## Surface

## Standard

Maintained / Non-maintained


IP  
20

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>LNL-300</b>	White	–	254 lm	1 h	2,2	12
<b>LNL3-300</b>	White	–	254 lm	3 h	2,6	12

## Autotest

Maintained / Non-maintained

IP  
20


	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>LNAL-300</b>	White	–	254 lm	1 h	2,2	12
<b>LNAL3-300</b>	White	–	254 lm	3 h	2,6	12

## Intelligent DALI

Compatible with **NormaLINK** 

Maintained / Non-maintained


IP  
20

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>LNIDL-300</b>	White	DALI	254 lm	1 h	2,2	12
<b>LNIDL3-300</b>	White	DALI	254 lm	3 h	2,2	12

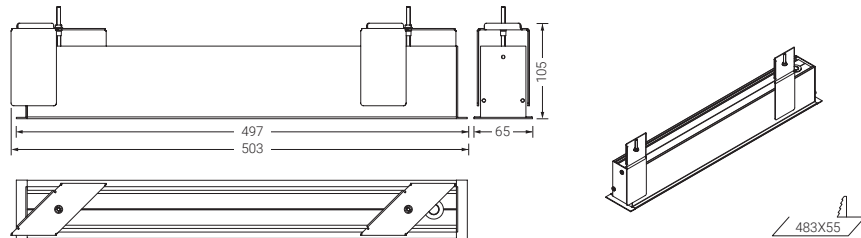
## Central Battery System

Maintained

IP  
20

	FINISHING	POWER SUPPLY	LUMEN OUTPUT	CONSUMPTION	CURRENT		PACKAGING
<b>C24 LN-300-S24</b>	White	24 Vcc	320 lm	4 W	0,167 A	2,0	12
<b>C24i LNI-300-S24</b>	White	24 Vcc	320 lm	4 W	0,167 A	2,1	12
<b>LN-300-S</b>	White	230 Vca	254 lm	5 W	0,011 A	2,1	12


## Recessed mounting



### Standard

Maintained / Non-maintained


IP 20

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>LNEL-300</b>	White	—	254 lm	1 h	3,2	12
<b>LNEL3-300</b>	White	—	254 lm	3 h	3,5	12

### Autotest

Maintained / Non-maintained

IP 20

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>LNEAL-300</b>	White	—	254 lm	1 h	3,2	12
<b>LNEAL3-300</b>	White	—	254 lm	3 h	3,5	12


### Intelligent DALI

Compatible with **NormaLINK** 



Maintained / Non-maintained

IP 20

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>LNEIDL-300</b>	White	DALI	254 lm	1 h	3,2	12
<b>LNEIDL3-300</b>	White	DALI	254 lm	3 h	2,8	12








# Lissa emergency light recessed mounting


## Central Battery System

Maintained

IP 20

		FINISHING	POWER SUPPLY	LUMEN OUTPUT	CONSUMPTION	CURRENT	 PACKAGING	
<b>C24</b>	<b>LNE-300-S24</b>	White	24 Vcc	320 lm	4 W	0,167 A	2,5	12
<b>C24i</b>	<b>LNEI-300-S24</b>	White	24 Vcc	320 lm	4 W	0,167 A	3,1	12
	<b>LNE-300-S</b>	White	230 Vca	254 lm	5 W	0,011 A	3,1	12
	<b>LNE-300-SF*</b>	White	230 Vca	254 lm	5 W	0,044 A	3,0	12

 In process of homologation

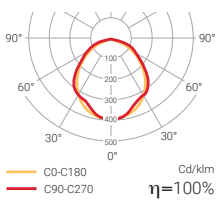
 AVAILABLE IN OTHER FINISHES  
[CHECK](#)





# Bessel

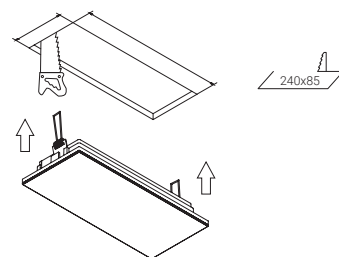
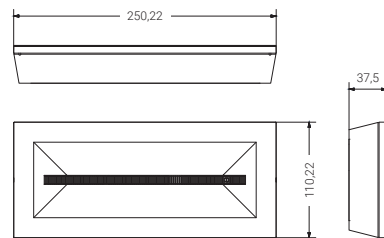
Maintained / Non-maintained multiled



**RAL** AVAILABLE IN OTHER FINISHES CHECK

**!** 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

IP 42-65 IK 04

230 Vac



EN 60598-2-22


**+** Remote controlled

## Bessel

## Standard

## Non-maintained

IP  
42


	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>L-60L</b>	White	—	60 lm	1,5 h	0,4	20
<b>L-100L</b>	White	—	105 lm	1,5 h	0,4	20
<b>L-150L</b>	White	—	170 lm	1,5 h	0,5	20
<b>L-200L</b>	White	—	180 lm	1,5 h	0,5	20
<b>L3-100L</b>	White	—	75 lm	3 h	0,5	20

IP  
65

<b>LE-60L</b>	White	—	60 lm	1,5 h	0,4	20
<b>LE-100L</b>	White	—	105 lm	1,5 h	0,4	20
<b>LE-150L</b>	White	—	170 lm	1,5 h	0,5	20
<b>LE-200L</b>	White	—	180 lm	1,5 h	0,5	20
<b>LE3-100L</b>	White	—	75 lm	3 h	0,5	20

## Maintained

IP  
42

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>LL-60</b>	White	—	55 lm	1,5 h	0,4	20
<b>LL-100</b>	White	—	100 lm	1,5 h	0,4	20
<b>LL-150</b>	White	—	150 lm	1,5 h	0,5	20
<b>LL3-100</b>	White	—	70 lm	3 h	0,5	20

IP  
65

<b>LLE-60</b>	White	—	55 lm	1,5 h	0,5	20
<b>LLE-100</b>	White	—	100 lm	1,5 h	0,5	20
<b>LLE-150</b>	White	—	150 lm	1,5 h	0,6	20
<b>LLE3-100</b>	White	—	70 lm	3 h	0,6	20

For other versions, please contact us

**WATERTIGHT AND  
SUITABLE FOR RECESSED  
MOUNTING**

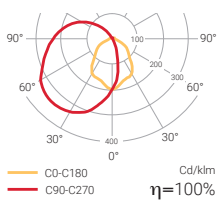
## Accessories

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



# Volutta

Maintained / Non-maintained led

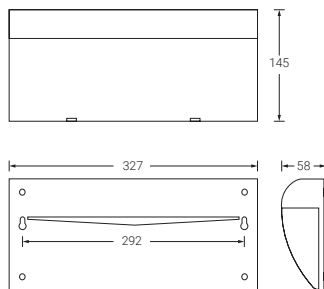


## Finishes

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

**AVAILABLE  
IN OTHER  
FINISHES**  
CHECK

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



**45-370**



**EN 60598-2-22**


**Remote controlled**

## Volutta

## Standard


## Non-maintained

IP  
22

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>V-50L</b>	White	—	45 lm	1 h	0,5	20
<b>V-75L</b>	White	—	90 lm	1 h	0,5	20
<b>V-170L</b>	White	—	150 lm	1 h	0,5	20
<b>V-300L</b>	White	—	290 lm	1 h	0,6	20
<b>V-400L</b>	White	—	370 lm	1 h	0,6	20
<b>V3-75L</b>	White	—	70 lm	3 h	0,5	20

## Maintained

IP  
22

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>VL-60</b>	White	—	60 lm	1 h	0,5	20
<b>VL-200</b>	White	—	285 lm	1 h	0,6	20
<b>VL2-200</b>	White	—	200 lm	2 h	0,6	20
<b>VL3-100</b>	White	—	100 lm	3 h	0,6	20

## Autotest


## Non-maintained

IP  
22

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>VA-300L</b>	White	—	290 lm	1 h	0,5	20

## Maintained

IP  
22

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>VAL-100</b>	White	—	80 lm	1 h	0,5	20
<b>VAL-200</b>	White	—	180 lm	1 h	0,5	20
<b>VAL3-100</b>	White	—	100 lm	3 h	0,5	20

# Volutta

## Intelligent DALI

Compatible with **NormaLINK**



Maintained

IP  
22

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>VIDL-100</b>	White	DALI	80 lm	1 h	0,7	20
<b>VIDL-200</b>	White	DALI	200 lm	1 h	0,8	20
<b>VIDL3-100</b>	White	DALI	100 lm	3 h	0,8	20

## Central Battery System

Maintained

IP  
22

	FINISHING	POWER SUPPLY	LUMEN OUTPUT	CONSUMPTION	CURRENT		PACKAGING
<b>C24 V-S3L24</b>	White	24 Vcc	250 lm	6 W	0,250 A	0,6	20
<b>V-S3L</b>	White	230 Vca	250 lm	6 W	0,010 A	0,6	20



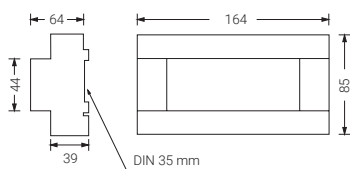
# Volutta Accessories

## 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



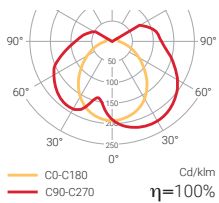
Maximum viewing distance  
(according to EN1838 for  
internally illuminated signs)

**26 m**

 Please check for other pictograms



# Volutta doble

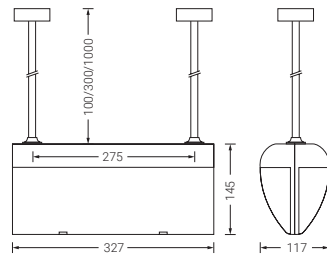


## Finishes

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


**AVAILABLE IN OTHER FINISHES**  
**CHECK**

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.



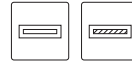






Lm  
**60-310**

**1-2-3**



Ni-Cd

IP  
**22**

IK  
**04**

230 Vac



EN 60598-2-22



Remote controlled




# Volutta doble

## Standard


### Non-maintained

IP 22

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>VD-75L</b>	White	—	75 lm	1 h	1,0	10
<b>VD-300L</b>	White	—	290 lm	1 h	0,9	10
<b>VD3-75L</b>	White	—	80 lm	3 h	0,9	10

### Maintained

IP 22

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>VDL-60</b>	White	—	60 lm	1 h	0,9	10
<b>VDL-200</b>	White	—	310 lm	1 h	1,0	10
<b>VDL2-200</b>	White	—	200 lm	2 h	1,0	10
<b>VDL3-100</b>	White	—	100 lm	3 h	1,0	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



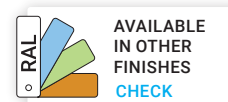
VKS



V-C



VDSB



### Remote controls

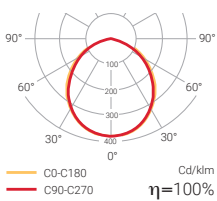
**S-TE** Remote control for up to 300 fittings standard or autotest



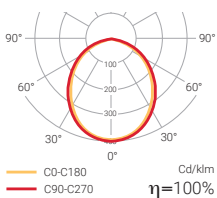
# Volutta

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

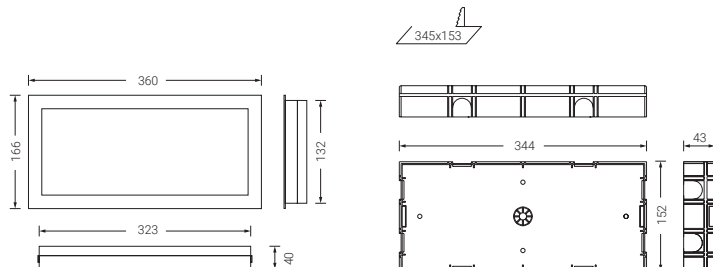
Remote controlled

# Volutta recessed mounting

## WALL MOUNTING




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



## Standard


### Non-maintained

IP  
44

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>VP-80L</b>	White	—	90 lm	1 h	0,9	20
<b>VP-200L</b>	White	—	220 lm	1 h	0,9	20
<b>VP-300L</b>	White	—	350 lm	1 h	1,0	20
<b>VP-400L</b>	White	—	400 lm	1 h	1,0	20
<b>VP-500L</b>	White	—	500 lm	1 h	1,0	20
<b>VP2-200L</b>	White	—	200 lm	2 h	0,9	20
<b>VP3-80L</b>	White	—	80 lm	3 h	0,9	20

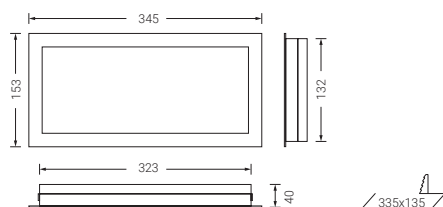
### Maintained / Non-maintained

IP  
42

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>VPL-60</b>	White	—	95 lm	1 h	0,9	20
<b>VPL-150</b>	White	—	130 lm	1 h	0,9	20
<b>VPL-200</b>	White	—	180 lm	1 h	0,9	20
<b>VPL2-200</b>	White	—	180 lm	2 h	0,8	20
<b>VPL3-100</b>	White	—	100 lm	3 h	1,0	20

# Volutta recessed mounting

## CEILING MOUNTING



## Standard

### Non-maintained

IP  
44

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>VT-80L</b>	White	—	90 lm	1 h	0,7	20
<b>VT-200L</b>	White	—	220 lm	1 h	0,8	20
<b>VT-300L</b>	White	—	350 lm	1 h	0,8	20
<b>VT-400L</b>	White	—	400 lm	1 h	0,9	20
<b>VT-500L</b>	White	—	500 lm	1 h	1,0	20
<b>VT2-200L</b>	White	—	200 lm	2 h	0,8	20
<b>VT3-80L</b>	White	—	80 lm	3 h	0,7	20

### Maintained / Non-maintained

IP  
42

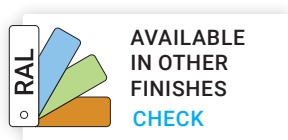
	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>VTL-60</b>	White	—	95 lm	1 h	0,8	20
<b>VTL-150</b>	White	—	130 lm	1 h	0,8	20
<b>VTL-200</b>	White	—	180 lm	1 h	0,8	20
<b>VTL2-200</b>	White	—	180 lm	2 h	0,9	20
<b>VTL3-100</b>	White	—	100 lm	3 h	0,9	20

## Central Battery System

### Maintained

IP  
42

	FINISHING	POWER SUPPLY	LUMEN OUTPUT	CONSUMPTION	CURRENT		PACKAGING
<b>VT-S3L</b>	White	230 Vca	250 lm	3,8 W	0,006 A	0,6	20



# Volutta recessed mounting Accessories

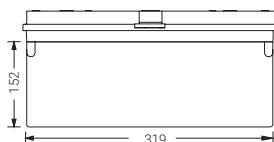
## Blade diffuser



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

PACKAGING

20

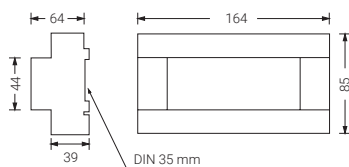


## Remote controls



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

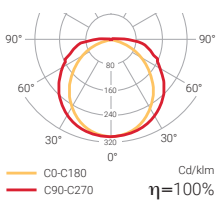


Please check for other pictograms



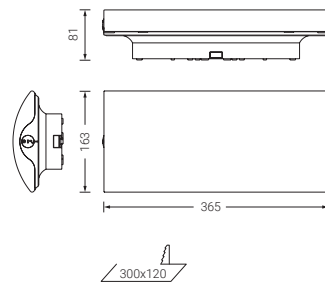
Now  
with LiFePO4  
lithium batteries

# Excellence



**!** Quick assembly

The EXCELLENCE emergency fittings are our bet on design and functionality. They are luminaries 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 CHECK



Lm **110-330** 1-2-3



Ni-Cd LiFePO4

IP **42** IK **04**

230 Vac 24 Vdc



EN 60598-2-22


**+** Remote controlled

## Excellence

## Standard

## Non-maintained

IP  
42


	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>E-200L</b>	White	—	200 lm	1 h	0,9	12
<b>E-300L</b>	White	—	300 lm	1 h	0,9	12

## Autotest




## Non-maintained

IP  
42

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>EA-200L</b>	White	—	180 lm	1 h	1,0	12
<b>EA-300L</b>	White	—	300 lm	1 h	1,1	12

## Maintained / Non-maintained

IP  
42


	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>EAL-200M</b>	White	—	180 lm	1 h	1,0	12
<b>LITHIUM EAL-250LI</b>	White	—	240 lm	1 h	1,1	12
<b>EAL-250M</b>	White	—	250 lm	1 h	1,0	12
<b>EAL-300M</b>	White	—	330 lm	1 h	1,1	12
<b>EAL3-100M</b>	White	—	110 lm	3 h	1,0	12
<b>LITHIUM EAL3-250LI</b>	White	—	240 lm	3 h	1,1	12

## Intelligent DALI

Compatible with **NormaLINK** 

## Maintained / Non-maintained


IP  
42

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>EIDL-250M</b>	White	DALI	250 lm	1 h	1,0	12
<b>LITHIUM EIDL-250LI</b>	White	DALI	240 lm	1 h	1,0	12
<b>EIDL-300M</b>	White	DALI	330 lm	1 h	1,0	12
<b>EIDL3-100M</b>	White	DALI	110 lm	3 h	1,0	12
<b>LITHIUM EIDL3-250LI</b>	White	DALI	240 lm	3 h	1,0	12

## Intelligent Wireless

## Maintained / Non-maintained


IP  
42

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>EIDL-300M-R</b>	White	WIRELESS	330 lm	1 h	1,0	12
<b>EIDL3-100M-R</b>	White	WIRELESS	100 lm	3 h	1,0	12

## Central Battery System

## Maintained

IP  
42

	FINISHING	POWER SUPPLY	LUMEN OUTPUT	CONSUMPTION	CURRENT		PACKAGING
<b>C24 E-S24L24</b>	White	24 Vcc	306 lm	2,64 W	0,110 A	1,1	12
<b>C24i EI-S25L24</b>	White	24 Vcc	240 lm	3 W	0,125 A	1,1	12
<b>E-S24L</b>	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



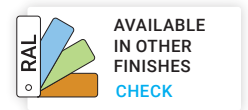
**E-OL** Aluminium sheet to be installed over the diffuser and direct the light  
to the flag diffuser, avoiding the glare



# Excellence Accessories

## Wall and ceiling mounting accessories

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



## Remote controls

<b>S-TE</b>	Remote control for up to 300 fittings standard or autotest
-------------	--

Check other control options on page 164

## Serigraphed methacrylate blade diffusers



<b>E-DB</b>	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)

30 m

## Pictograms

<b>Type PAM</b>	Non adhesive pictogram 330 x 155 mm. To be used on the E-MD accessorie (not included)
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<b>Type PEM</b>	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)

31 m

Type PEM 355 x 150 mm



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

30 m



Please check for other pictograms

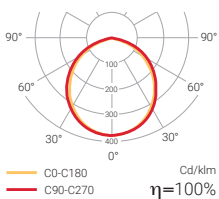


IP68 / IK10

Easy to install

Up to four M20 inputs

# Gennius

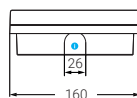


**AVAILABLE IN OTHER FINISHES**  
**CHECK**

**Quick installation system**

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)**



**Lm**  
**95-300**

**1-3**



**IP**  
**68**

**IK**  
**10**



**EN 60598-2-22**


**Remote controlled**

## Gennius

## Standard


## Non-maintained

IP  
68

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>GE-100L</b>	White	—	95 lm	1 h	0,8	20
<b>GE-200L</b>	White	—	200 lm	1 h	0,8	20
<b>GE-300L</b>	White	—	300 lm	1 h	0,8	20
<b>GE3-100L</b>	White	—	100 lm	3 h	0,8	20

## Maintained / Non-maintained


IP  
68

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>GEL-100</b>	White	—	95 lm	1 h	0,8	20
<b>GEL-200</b>	White	—	195 lm	1 h	0,8	20
<b>GEL-300</b>	White	—	300 lm	1 h	0,8	20
<b>GEL-400</b>	White	—	400 lm	1 h	0,8	20
<b>GEL3-100</b>	White	—	90 lm	3 h	0,8	20

## Autotest


## Non-maintained

IP  
68

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>GEA-100L</b>	White	—	100 lm	1 h	0,3	20
<b>GEA-200L</b>	White	—	200 lm	1 h	0,3	20
<b>GEA-300L</b>	White	—	300 lm	1 h	0,3	20
<b>GEA3-100L</b>	White	—	100 lm	3 h	0,3	20

## Maintained / Non-maintained

IP  
68

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>GEAL-100</b>	White	—	100 lm	1 h	0,3	20
<b>GEAL-200</b>	White	—	200 lm	1 h	0,3	20
<b>LITHIUM GEAL-250LI</b>	White	—	250 lm	1 h	0,8	20
<b>GEAL-300</b>	White	—	300 lm	1 h	0,8	20
<b>GEAL-400</b>	White	—	400 lm	1 h	0,3	20
<b>LITHIUM GEAL-500LI</b>	White	—	500 lm	1 h	0,3	20
<b>GEAL3-100</b>	White	—	100 lm	3 h	0,8	20


## Gennius

## Intelligent DALI

Compatible with **NormaLINK** 


## Non-maintained

IP  
68

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>GEID-100L</b>	White	—	100 lm	1 h	0,4	20
<b>GEID-200L</b>	White	—	200 lm	1 h	0,4	20
<b>GEID-300L</b>	White	—	300 lm	1 h	0,4	20
<b>GEID3-100L</b>	White	—	100 lm	3 h	0,4	20

## Maintained / Non-maintained


IP  
68

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>GEIDL-100</b>	White	—	100 lm	1 h	0,5	20
<b>GEIDL-200</b>	White	—	200 lm	1 h	0,8	20
<b>LITHIUM GEIDL-250LI</b>	White	—	250 lm	1 h	0,5	20
<b>GEIDL-300</b>	White	—	300 lm	1 h	0,8	20
<b>GEIDL-400</b>	White	—	400 lm	1 h	0,5	20
<b>LITHIUM GEIDL-500LI</b>	White	—	500 lm	1 h	0,3	20
<b>GEIDL3-100</b>	White	—	100 lm	3 h	0,8	20

## Central Battery System

## Maintained

IP  
42

	FINISHING	POWER SUPPLY	LUMEN OUTPUT	CONSUMPTION	CURRENT		PACKAGING
<b>C24 GE-S24L24</b>	White	24 Vcc	300 lm	3 W	0,125 A	0,8	20
<b>C24i GEI-S24L24</b>	White	24 Vcc	300 lm	4 W	0,167 A	0,7	20



# 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



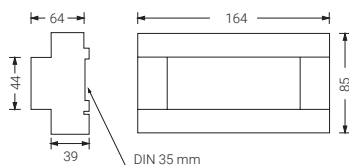
GE-PP



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 accessory. *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

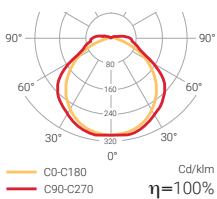


Please check for  
other pictograms



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.



Lm  
**110-500**

1-3



Ni-Cd  
LiFePO4

IP  
**65**

IK  
**10**

230 Vac  
24 Vdc

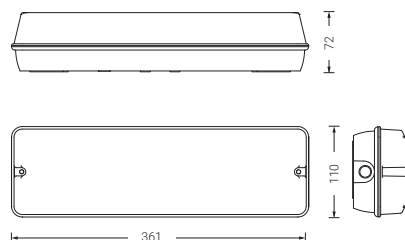
-25°C



EN 60598-2-22

! Low temperature versions on page 105

! Available with lithium battery




**RAL**  
AVAILABLE  
IN OTHER  
FINISHES  
CHECK

## Europrisma

## Standard


## Non-maintained

IP  
65

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>EH-200L</b>	White	—	200 lm	1 h	0,6	20
<b>EH-300L</b>	White	—	300 lm	1 h	0,6	20
<b>EH3-100L</b>	White	—	100 lm	3 h	0,6	20

## Maintained / Non-maintained


IP  
65

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>EHL-200M</b>	White	—	250 lm	1 h	0,7	20
<b>EHL3-100M</b>	White	—	110 lm	3 h	0,7	20

## Autotest


## Maintained / Non-maintained

IP  
65

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>LITHIUM</b> <b>EHAL-250LI</b>	White	—	240 lm	1 h	0,7	20
<b>LITHIUM</b> <b>EHAL-500LI</b>	White	—	500 lm	1 h	0,7	20
<b>LITHIUM</b> <b>EHAL3-250LI</b>	White	—	240 lm	3 h	0,7	20

## Maintained / Non-maintained MULTILED

IP  
65


	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>EHAL-200M</b>	White	—	240 lm	1 h	0,7	20
<b>EHAL-400M</b>	White	—	390 lm	1 h	0,7	20
<b>EHAL3-100M</b>	White	—	110 lm	3 h	0,7	20

## Intelligent DALI

Compatible with **NormaLINK** 

## Maintained / Non-maintained

IK  
10IP  
65


	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>LITHIUM</b> <b>EHIDL-200M</b>	White	DALI	270 lm	1 h	0,6	20
<b>LITHIUM</b> <b>EHIDL-250LI</b>	White	DALI	240 lm	1 h	0,7	20
<b>LITHIUM</b> <b>EHIDL-300M</b>	White	DALI	310 lm	1 h	0,7	20
<b>LITHIUM</b> <b>EHIDL-400M</b>	White	DALI	420 lm	1 h	0,7	20
<b>LITHIUM</b> <b>EHIDL3-100M</b>	White	DALI	110 lm	3 h	0,6	20
<b>LITHIUM</b> <b>EHIDL3-250LI</b>	White	DALI	240 lm	3 h	0,7	20

# Euoprisma

## Intelligent Wireless

Maintained / Non-maintained


IK 10 IP 65


	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>EHIDL-200M-R</b>	White	WIRELESS	270 lm	1 h	0,6	20
<b>EHIDL3-100M-R</b>	White	WIRELESS	100 lm	3 h	0,6	20

## Central Battery System

Maintained

IP 65

	FINISHING	POWER SUPPLY	LUMEN OUTPUT	CONSUMPTION	CURRENT		PACKAGING
<b>C24 EH-S24L24</b>	White	24 Vcc	290 lm	2,9 W	0,121 A	0,6	20
<b>C24i EHI-S25L24</b>	White	24 Vcc	240 lm	3 W	0,125 A	0,6	20
<b>EH-S25L</b>	White	230 Vca	270 lm	2,7 W	0,009 A	0,7	20



AVAILABLE  
IN OTHER  
FINISHES  
[CHECK](#)



# 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

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>EHIDL-200C</b>	White	DALI	240 lm	1 h	0,7	20
<b>EHIDL-400C</b>	White	DALI	420 lm	1 h	0,7	20
<b>EHIDL3-100C</b>	White	DALI	110 lm	3 h	0,7	20

 AVAILABLE IN OTHER FINISHES CHECK



**NORMALUX**

Emergency lighting  
[normalux.com](http://normalux.com)



**Normagrup**

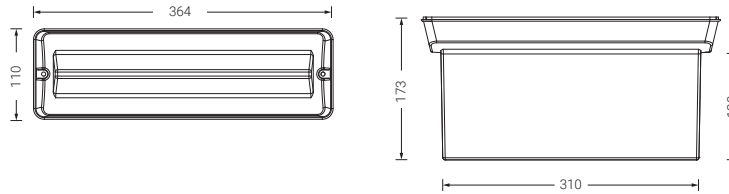
Sense of Technology

# Europrisma Accessories

## Blade diffuser



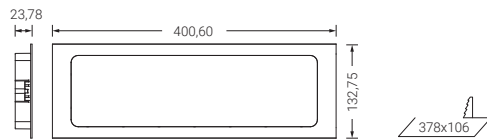
**EH-DB** Blade diffuser for all the fittings of the Europrisma range



## Recession frames



**EH-ME** Recession frame for the EUROPRISMA series



**!** Watertight and suitable for recession mounted

## Wall and ceiling brackets

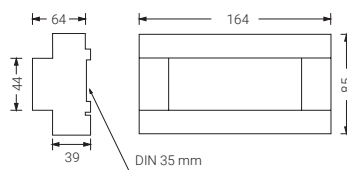
**E-SB** Bracket for wall mounting

**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)

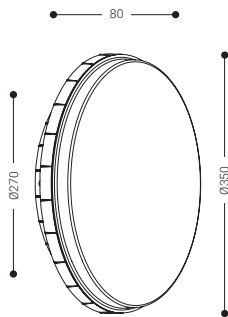
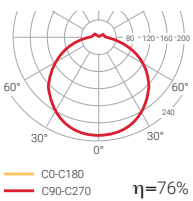
**20 m**

**!** Please check for other pictograms





# Uro



! Two mounting possibilities:  
Wall or ceiling

! Up to 1750 lumen output in  
maintained mode

**RAL** AVAILABLE  
IN OTHER  
FINISHES  
**CHECK**

CE 850°C LED



Lm  
**300-1480**     **1-3**



IP **65**     IK **10**



EN 60598-2-22





+ Able to be used with a remote control

# Uro

## Standard

Maintained / Non-maintained


IP 65

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>UL-300</b>	White	—	300 lm	1 h	1,5	1
 <b>UL-300P</b>	White	—	300 lm	1 h	1,5	1
<b>UL-700</b>	White	—	710 lm	1 h	1,6	1
 <b>UL-700P</b>	White	—	710 lm	1 h	1,6	1
<b>UL3-500</b>	White	—	500 lm	3 h	2,4	1
 <b>UL3-500P</b>	White	—	500 lm	3 h	2,2	1

## Autotest

Maintained / Non-maintained

IP 65

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>UAL-700</b>	White	—	710 lm	1 h	0,7	1
<b>UAL3-500</b>	White	—	500 lm	3 h	2,4	1


## Intelligent DALI

Compatible with **NormaLINK** 



Maintained / Non-maintained


IP 65

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>UIDL-700</b>	White	DALI	710 lm	1 h	1,6	1
<b>UIDL3-500</b>	White	DALI	500 lm	3 h	2,4	1

## Central Battery System

Maintained

IP 65

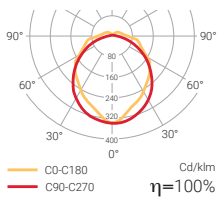
	FINISHING	POWER SUPPLY	LUMEN OUTPUT	CONSUMPTION	CURRENT		PACKAGING
<b>C24 UL-S2L24</b>	White	24 Vcc	1480 lm	14,9 W	0,621 A	1,3	1
<b>C24i UIL-S2L24</b>	White	24 Vcc	1480 lm	14,9 W	0,621 A	1,3	1





# Hermetic XL

Maintained / Non-maintained multiled

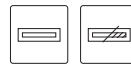


HERMETIC XL is a waterproof (IP66) luminaire ideal for basements, garages or any industrial activity. Specifically designed with LED technology, it incorporates the new and revolutionary quick installation system which improves installation time and optimizes maintenance work.

CE 850°C LED



Lm  
**850-1960**



IP  
**66**

IK  
**10**

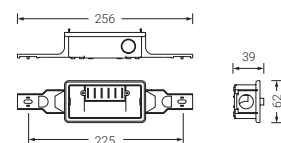
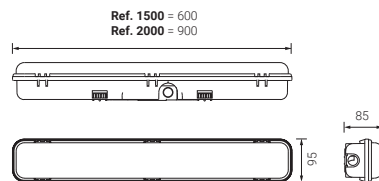
230 Vac

24 Vdc



EN 60598-2-22

**!** Quick installation system



Plug-in base

**!** Quick assembly


**+** Remote controlled

## Hermetic XL

## Standard

## Non-maintained


IP  
66

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>DE-1500L</b>	Grey	—	1330 lm	1 h	2,1	1
<b>DE-2000L</b>	Grey	—	1960 lm	1 h	2,9	1
<b>DE3-800L</b>	Grey	—	900 lm	3 h	2,9	1

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

## Maintained / Non-maintained

IP  
66

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>DEL-1500</b>	Grey	—	1330 lm	1 h	2,1	1
<b>DEL-2000</b>	Grey	—	1960 lm	1 h	2,8	1
<b>DEL3-800</b>	Grey	—	850 lm	3 h	2,8	1

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

## Autotest

## Non-maintained


IP  
66

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>DEA-1500L</b>	Grey	—	1330 lm	1 h	2,1	1
<b>DEA-2000L</b>	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

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>DEAL-1500</b>	Grey	—	1330 lm	1 h	2,1	1
<b>DEAL-2000</b>	Grey	—	1960 lm	1 h	2,8	1


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

## Intelligent DALI

Compatible with **NormaLINK** 

## Non-maintained


IP  
66

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>DEID-1500L</b>	Grey	DALI	1330 lm	1 h	2,0	1
<b>DEID-2000L</b>	Grey	DALI	1960 lm	1 h	0,7	1
<b>DEID3-800L</b>	Grey	DALI	860 lm	3 h	2,1	1



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

## Maintained / Non-maintained

IP  
66

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>DEIDL-1500</b>	Grey	DALI	1330 lm	1 h	2,1	1
<b>DEIDL-2000</b>	Grey	DALI	1960 lm	1 h	2,8	1

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

 Please ask for the references with remote control option For other durations, please contact us

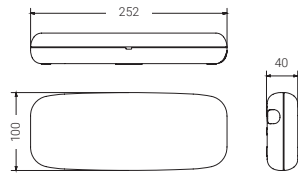
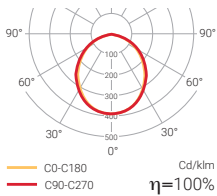
## Remote controls

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

## Accessories



# Aura



CE 850°C LED



Lm  
**57-355**

**1-2**



IP  
**44**

IK  
**04**



EN 60598-2-22

**RAL**  
AVAILABLE  
IN OTHER  
FINISHES  
**CHECK**



**Remote controlled.**

## Standard

## Non-maintained

IP  
**44**

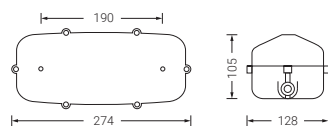
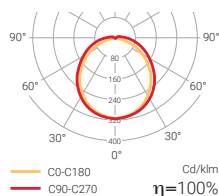
	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>A-60L</b>	White	—	57 lm	1 h	0,3	30
<b>A-100L</b>	White	—	105 lm	1 h	0,3	30
<b>A-150L</b>	White	—	135 lm	1 h	0,3	30
<b>A-200L</b>	White	—	175 lm	1 h	0,3	30
<b>A-300L</b>	White	—	310 lm	1 h	0,3	30
<b>A-400L</b>	White	—	355 lm	1 h	0,4	30
<b>A2-200L</b>	White	—	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**



EN 60598-2-22



Remote controlled.

## Standard

## Non-maintained

IP  
**65**

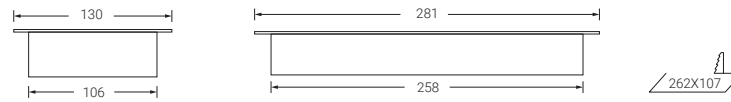
	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>AE-60L</b>	White	—	57 lm	1 h	0,5	20
<b>AE-100L</b>	White	—	105 lm	1 h	0,6	20
<b>AE-150L</b>	White	—	135 lm	1 h	0,6	20
<b>AE-200L</b>	White	—	175 lm	1 h	0,6	20
<b>AE-300L</b>	White	—	310 lm	1 h	0,6	20
<b>AE-400L</b>	White	—	355 lm	1 h	0,6	20
<b>AE2-200L</b>	White	—	240 lm	2 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

# Aura and Aura 65 Accessories

## Recession frames

		PACKAGING
<b>A-ME</b>	Recession frame for AURA series fittings	20



Only compatible with Aura series fittings

## Remote controls

<b>S-TE</b>	Remote control for up to 300 fittings standard or autotest
-------------	--

## Pictograms

<b>Type N</b>	Adhesive pictogram 150 x 90 mm. <i>References according to table below</i>
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Type N 150 x 90 mm



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

18 m



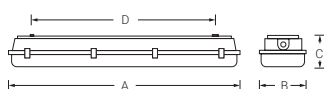
Please check for other pictograms



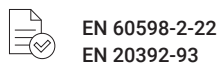
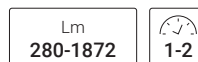


# Pantallas

## self-contained fittings



	A	B	C	D
<b>1x18</b>	680	105	120	500
<b>2x18</b>	680	175	120	500
<b>1x36</b>	1.280	105	120	912
<b>2x36</b>	1.280	175	120	912
<b>1x58</b>	1.600	105	120	995
<b>2x58</b>	1.600	175	120	995



# Watertight self-contained fittings

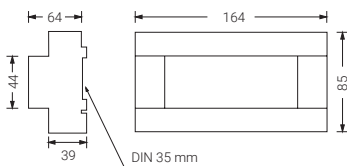
IP 65

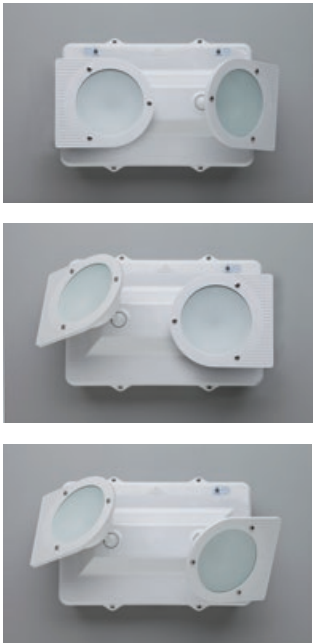
	DESCRIPTION	LUMEN OUTPUT	AUTONOMY
<b>MES2FL36C</b>	2 x 36 fitting – 1 maintained + 1 emergency	837 lm	1 h
<b>MESFL36</b>	1 x 36 fitting – emergency	837 lm	1 h
<b>MES2FL36P</b>	2 x 36 fitting – 2 maintained + 1 emergency	837 lm	1 h
<b>MESFL36P</b>	1 x 36 fitting – maintained + emergency	837 lm	1 h
<b>MES2FL58C</b>	2 x 58 fitting – 1 maintained + 1 emergency	936 lm	1 h
<b>MESFL58</b>	1 x 58 fitting – emergency	936 lm	1 h
<b>MES2FL58P</b>	2 x 58 fitting – 2 maintained + 1 emergency	936 lm	1 h
<b>MESFL58P</b>	1 x 58 fitting – maintained + emergency	936 lm	1 h
<b>MES2FL36</b>	2 x 36 fitting – 2 emergency	1674 lm	1 h
<b>MES2FL36P2E</b>	2 x 36 fitting – 2 maintained + 2 emergency	1674 lm	1 h
<b>MES2FL58</b>	2 x 58 fitting – 2 emergency	1872 lm	1 h
<b>MES2FL58P2E</b>	2 x 58 fitting – 2 maintained + 2 emergency	1872 lm	1 h
<b>MES2FL18C</b>	2 x 18 fitting – 1 maintained + 1 emergency	526 lm	2 h
<b>MESFL18</b>	1 x 18 fitting – emergency	526 lm	2 h
<b>MESFL18P</b>	1 x 18 fitting – maintained + emergency	526 lm	2 h
<b>MES2FL18</b>	2 x 18 fitting – 2 emergency	1052 lm	2 h
<b>MES2FL18P</b>	2 x 18 fitting – 2 maintained + 1 emergency	1052 lm	2 h
<b>MES2FL18P2E</b>	2 x 18 fitting – 2 maintained + 2 emergency	280 lm	2 h

## Accessories

### Remote controls

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



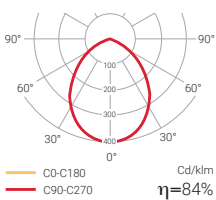


Now  
maintained standard,  
autotest or DALI.

# Dopplo

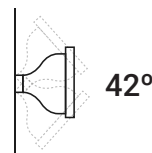
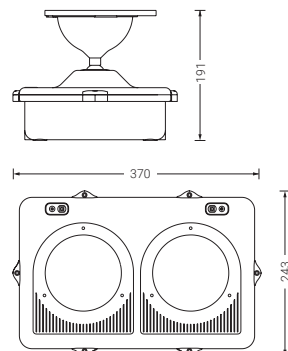


Some versions compliant with French Regulation



**!** Quick assembly

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



Lm <b>1000-3500</b>	 <b>1-2-3</b>
IP <b>65</b>	IK <b>07</b>
	<b>EN 60598-2-22</b>

**+** Remote controlled

## Dopplo

## Standard

## Non-maintained

IP  
65

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>DO-1100L</b>	Grey	—	1040 lm	1 h	4,6	1
<b>DO-1900L</b>	Grey	—	1850 lm	1 h	5,3	1
<b>DO-2400L</b>	Grey	—	2300 lm	1 h	5,7	1
<b>DO-3000L</b>	Grey	—	3500 lm	1 h	6,6	1
<b>DO2-1900L</b>	Grey	—	1850 lm	2 h	5,7	1
<b>DO3-1000L</b>	Grey	—	1000 lm	3 h	5,7	1

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

## Maintained / Non-maintained

IP  
65


	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>DOL-1900</b>	Grey	—	1850 lm	1 h	5,3	1

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

## Autotest

## Non-maintained

IP  
65

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>DOA-1100L</b>	Grey	—	1040 lm	1 h	4,6	1
<b>DOA-1900L</b>	Grey	—	1850 lm	1 h	5,3	1
<b>DOA-2400L</b>	Grey	—	2300 lm	1 h	5,7	1
<b>DOA-3000L</b>	Grey	—	3500 lm	1 h	6,6	1
<b>DOA2-1900L</b>	Grey	—	1950 lm	2 h	6,6	1
<b>DOA3-1000L</b>	Grey	—	1750 lm	3 h	6,6	1
<b>DOA3-1900L</b>	Grey	—	1750 lm	3 h	6,6	1

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

## Maintained / Non-maintained

IP  
65

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>DOAL-1900</b>	Grey	—	1850 lm	1 h	5,3	1

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

## Sati

Version for low temperatures  
on request

## Non permanent

IP  
65

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>DOAS-2400L</b>	Grey	SATI	2500 lm	1 h	5,2	1
<b>DOIS-2400L</b>	Grey	SATI	2500 lm	1 h	4,5	1

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

## Dopplo

## Intelligent DALI

Compatible with **NormaLINK**

## Non-maintained

IP 65

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>DOID-1100L</b>	Grey	DALI	1040 lm	1 h	4,6	1
<b>DOID-2400L</b>	Grey	DALI	2070 lm	1 h	5,7	1
<b>DOID-1900L</b>	Grey	DALI	2100 lm	1 h	5,3	1
<b>DOID-3000L</b>	Grey	DALI	3550 lm	1 h	6,6	1
<b>DOID2-1900L</b>	Grey	DALI	1850 lm	2 h	8,4	1
<b>DOID3-1000L</b>	Grey	DALI	1000 lm	3 h	5,7	1

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

## Maintained / Non-maintained

IP 65

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>DOIDL-1900</b>	Grey	DALI	1800 lm	1 h	5,3	1

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

## Central Battery System

## Maintained

IP 65

	FINISHING	POWER SUPPLY	LUMEN OUTPUT	CONSUMPTION	CURRENT		PACKAGING
<b>C24 DO-S2L24</b>	White	24 Vcc	1840 lm	24 W	1,000 A	4,5	20
<b>C24i DOI-S2L24</b>	White	24 Vcc	1800 lm	23 W	0,958 A	4,5	20

## Accessories

## Remote controls

<b>S-TE</b>	Remote control for up to 300 fittings standard or autotest
<b>S-TF</b>	Remote control for up to 500 fittings standard or autotest
<b>S-TF50</b>	Remote control for up to 50 fittings standard or autotest

## Antivandalic enclosure

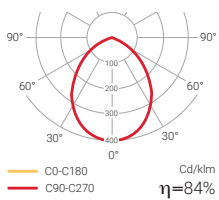
	PACKAGING
<b>DO-AV</b> Antivandalic enclosure. Measurements in cm: 45 x 30 x 25	1



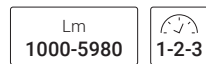
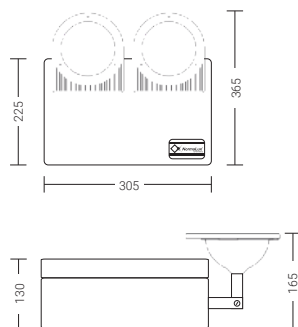




# Twin spots



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

	FINISHING	N° SPOTLIGHT	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>FO-1100L</b>	Grey	2	1040 lm	1 h	5,9	1
<b>FO-1900L</b>	Grey	2	1850 lm	1 h	6,5	1
<b>FO-2400L</b>	Grey	2	2300 lm	1 h	7,0	1
<b>FO-3000L</b>	Grey	2	3500 lm	1 h	7,8	1
<b>FO-6000L</b>	Grey	3	5980 lm	1 h	12,6	1
<b>FO2-1900L</b>	Grey	2	1850 lm	2 h	7,0	1
<b>FO3-1000L</b>	Grey	2	1000 lm	3 h	7,0	1



## Accessories

### Antivandalic enclosure

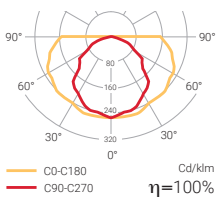
<b>FO-AV</b>	Antivandalic enclosure. Measurements in cm: 48 x 42 x19	1
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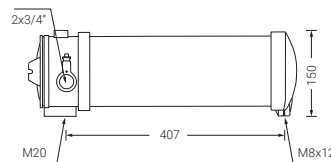
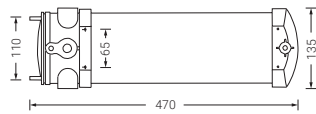
# Explosion proof



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 2014/34/UE.



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 2014/34/UE.


Zone: 1, 21. Exd. IIC T6.

# Explosion proof

## Standard

### Non-maintained / Fluorescent


IP 67

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>EX-200</b>	Cristal	—	200 lm	1 h	4,7	1
<b>EX-400</b>	Cristal	—	400 lm	1 h	5,7	1

## Autotest

### Non-maintained / Fluorescent

IP 67

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>EXA-200</b>	Cristal	—	200 lm	1 h	5,1	1
<b>EXA-400</b>	Cristal	—	400 lm	1 h	5,3	1


## Intelligent DALI

Compatible with **NormaLINK** 



### Non-maintained / Fluorescent

IP 67

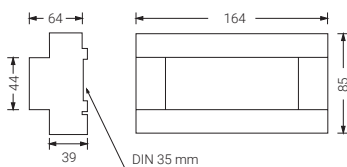
	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>EXID-200</b>	Cristal	DALI	200 lm	1 h	5,0	1
<b>EXID-400</b>	Cristal	DALI	400 lm	1 h	5,3	1

## 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

Lissa Exit Signs	<b>128</b>
Extraline	<b>132</b>
Steeled	<b>136</b>
Signal 7	<b>138</b>



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

# Lissa

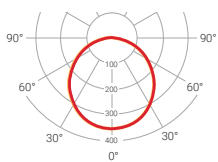
exit signs



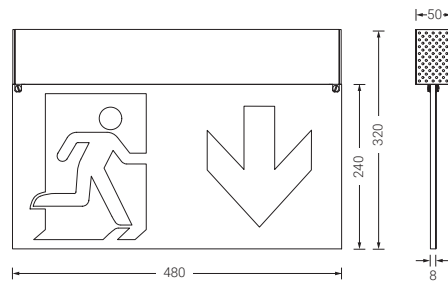
VIEWING DISTANCE

**48 m.**  
with pictograms  
Type PLI-A/SD/SU

**10 m.**  
with pictograms  
Type PLI-BIE/EXT/PUL



C0-C180  
C90-C270



AVAILABLE  
IN OTHER  
FINISHES  
**CHECK**



Available also as emergency light (page 78)



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

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>LN</b>	White	—	—	1 h	3,2	4
<b>LN3</b>	White	—	—	3 h	3,6	4

## Autotest

Maintained / Non-maintained

IP  
20


	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>LNA</b>	White	—	—	1 h	3,2	4
<b>LNA3</b>	White	—	—	3 h	3,6	4

## Intelligent DALI

Compatible with **NormaLINK** 

Maintained / Non-maintained


IP  
20

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>LNID</b>	White	DALI	—	1 h	3,2	4
<b>LNID3</b>	White	DALI	—	3 h	2,8	4

## Central Battery System

Maintained

IP  
20

	FINISHING	POWER SUPPLY	LUMEN OUTPUT	CONSUMPTION	CURRENT		PACKAGING
<b>C24 LN-S16L24</b>	White	24 Vcc	—	4 W	0,167 A	2,6	4
<b>C24i LNI-S16L24</b>	White	24 Vcc	—	4 W	0,167 A	3,2	4
<b>LN-S16L</b>	White	230 Vca	—	5 W	0,011 A	3,2	4

## Accessories

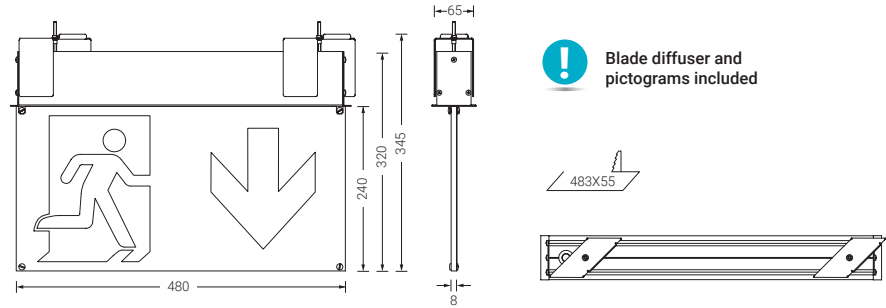
## Suspension accessory

**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

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>LNE</b>	White	—	—	1 h	3,7	4
<b>LNE3</b>	White	—	—	3 h	4,1	4

### Autotest

Maintained / Non-maintained

IP 20

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>LNEA</b>	White	—	—	1 h	3,7	4
<b>LNEA3</b>	White	—	—	3 h	4,1	4



## Lissa exit signs recessed mounting

## Intelligent DALI

Compatible with **NormaLINK**

## Maintained / Non-maintained

IP  
20

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>LNEID</b>	White	DALI	–	1 h	3,7	4
<b>LNEID3</b>	White	DALI	–	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

	FINISHING	POWER SUPPLY	LUMEN OUTPUT	CONSUMPTION	CURRENT		PACKAGING
<b>C24</b> <b>LNE-S16L24</b>	White	24 Vcc	–	4 W	0,167 A	3,1	4
<b>C24i</b> <b>LNEI-S16L24</b>	White	24 Vcc	–	4 W	0,167 A	3,7	4
<b>LNE-S16L</b>	White	230 Vca	–	5 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 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

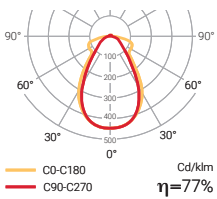


# Extraline



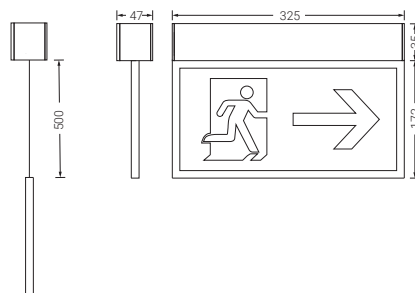
VIEWING DISTANCE

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.



EN 60598-2-22  
EN 60598-1

EN 1838 | 30 m



AVAILABLE IN OTHER FINISHES  
**CHECK**




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

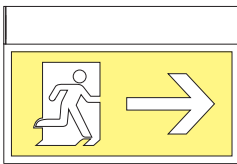
IP 20

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>XS</b>	White	–	42 lm	1 h	1,0	12
<b>XD</b>	White	–	100 lm	1 h	1,1	12
<b>XS3</b>	White	–	33 lm	3 h	1,0	12
<b>XD3</b>	White	–	60 lm	3 h	1,1	12

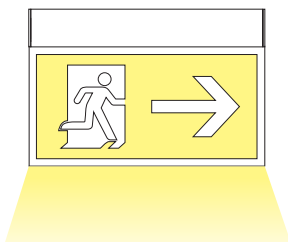
### XD Fitting with double function:

Exit sign and emergency lighting

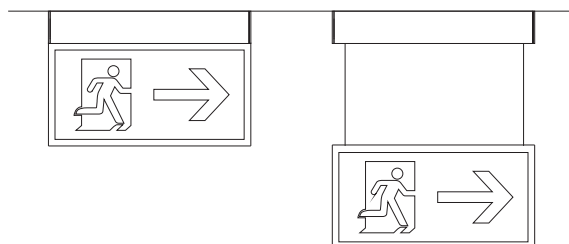
XS



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


	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>XSA</b>	White	—	42 lm	1 h	1,0	12
<b>XDA</b>	White	—	100 lm	1 h	1,1	12
<b>XSA3</b>	White	—	33 lm	3 h	1,1	12
<b>XDA3</b>	White	—	60 lm	3 h	1,1	12

## Intelligent DALI

Compatible with **NormaLINK** 

## Maintained / Non-maintained


IP  
20

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>XSID</b>	White	DALI	42 lm	1 h	1,0	12
<b>LITHIUM XSIDLI</b>	White	DALI	42 lm	1 h	1,0	12
<b>XDID</b>	White	DALI	100 lm	1 h	1,0	12
<b>LITHIUM XDIDLI</b>	White	DALI	100 lm	1 h	1,0	12
<b>XSID3</b>	White	DALI	33 lm	3 h	1,0	12
<b>XDID3</b>	White	DALI	60 lm	3 h	1,1	12

## Intelligent Wireless

## Maintained / Non-maintained


IP  
20

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>XSID-R</b>	White	WIRELESS	42 lm	1 h	0,9	12
<b>XDID-R</b>	White	WIRELESS	100 lm	1 h	1,1	12
<b>XSID3-R</b>	White	WIRELESS	33 lm	3 h	1,0	12
<b>XDID3-R</b>	White	WIRELESS	60 lm	3 h	1,0	12

## Central Battery System

## Maintained

IP  
20

	FINISHING	POWER SUPPLY	LUMEN OUTPUT	CONSUMPTION	CURRENT		PACKAGING
<b>C24 XS-S24</b>	White	24 Vcc	100 lm	1 W	0,042 A	1,1	12
<b>C24 XD-S24</b>	White	24 Vcc	100 lm	2,2 W	0,092 A	1,2	12
<b>C24i XSI-S24</b>	White	24 Vcc	100 lm	2,1 W	0,088 A	1,1	12
<b>C24i XDI-S24</b>	White	24 Vcc	100 lm	2,5 W	0,104 A	1,2	12
<b>XS-S</b>	White	230 Vca	42 lm	2,3 W	0,007 A	0,4	12
<b>XD-S</b>	White	230 Vca	100 lm	2,8 W	0,009 A	1,2	12



AVAILABLE  
IN OTHER  
FINISHES  
**CHECK**

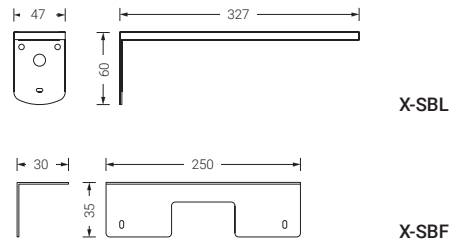
Each fitting includes:

- 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

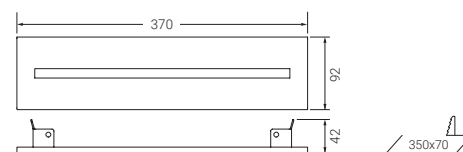
## Brackets

- 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



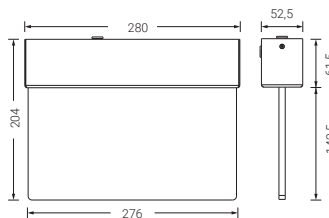
# Steeled



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

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>STP</b>	Stainless steel	–	–	1 h	2,7	20
<b>STT</b>	Stainless steel	–	–	1 h	2,4	20
<b>STP3</b>	Stainless steel	–	–	3 h	3,0	20
<b>STT3</b>	Stainless steel	–	–	3 h	3,1	20

## Autotest

## Maintained

IP  
20


	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>STPA</b>	Stainless steel	–	–	1 h	2,8	20
<b>STTA</b>	Stainless steel	–	–	1 h	3,0	20
<b>STPA3</b>	Stainless steel	–	–	3 h	3,0	20
<b>STTA3</b>	Stainless steel	–	–	3 h	3,1	20

## Intelligent DALI

Compatible with **NormaLINK** 

## Maintained

IP  
20

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>STPID</b>	Stainless steel	DALI	–	1 h	2,7	20
<b>STTID</b>	Stainless steel	DALI	–	1 h	2,4	20
<b>STPID3</b>	Stainless steel	DALI	–	3 h	3,0	20
<b>STTID3</b>	Stainless steel	DALI	–	3 h	3,1	20

## Accessories

## Remote controls

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

## Pictograms

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

Type PST 250 x 120 mm



Please check for other pictograms

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

24 m



Parallel to the wall



Perpendicular to the wall

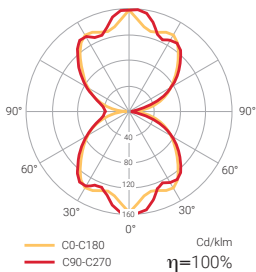


# Signal 7

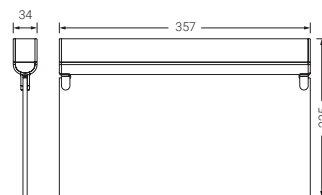


VIEWING DISTANCE

24 m.



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.



AVAILABLE IN OTHER FINISHES  
CHECK



Remote control option, please contact us



EN 60598-2-22  
EN 60598-1

EN 1838 | 24 m

## Signal 7

## Standard


## Non-maintained

IP  
20

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>SGE-K</b>	White	—	100 lm	1 h	0,8	8

## Maintained


IP  
20

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>SG-K</b>	White	—	100 lm	1 h	0,8	8
<b>SGT-K</b>	White	—	100 lm	1 h	0,8	8
<b>SG3-K</b>	White	—	100 lm	3 h	0,8	8
<b>SGT3-K</b>	White	—	100 lm	3 h	0,8	8

## Autotest


## Non-maintained

IP  
20

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>SGEA-K</b>	White	—	100 lm	1 h	0,8	8
<b>SGEA3-K</b>	White	—	100 lm	3 h	0,8	8

## Maintained

IP  
20

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>SGA-K</b>	White	—	100 lm	1 h	0,8	8
<b>SGA3-K</b>	White	—	100 lm	3 h	0,8	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

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>SGEID3-K</b>	White	DALI	50 lm	3 h	0,8	8

## Maintained


IP  
20

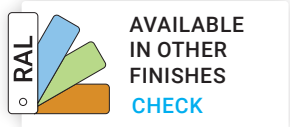
	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>SGID-K</b>	White	DALI	50 lm	1 h	0,8	8
<b>SGID3-K</b>	White	DALI	50 lm	3 h	0,8	8

## Central Battery System

## Maintained

IP  
20

	FINISHING	POWER SUPPLY	LUMEN OUTPUT	CONSUMPTION	CURRENT		PACKAGING
<b>C24 SG-S24-K</b>	White	24 Vcc	100 lm	1,7 W	0,071	0,8	8
<b>C24i SGI-S24-K</b>	White	24 Vcc	50 lm	2,4 W	0,100	0,8	8
<b>SG-S-K</b>	White	230 Vca	100 lm	1,8 W	0,004	0,8	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

## Electrified track




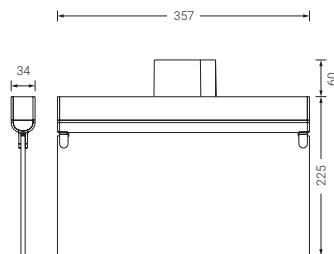
Standard

Non-maintained

IP 20

	FINISHING	COM	LUMEN OUTPUT	AUTONOMY		PACKAGING
<b>SG-KD</b>	White	—	100 lm	1 h	3,2	8

 **AVAILABLE IN OTHER FINISHES**  
CHECK



Each fitting includes:

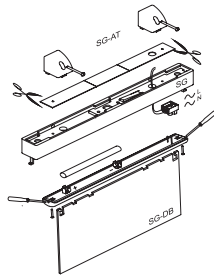
- An SG fitting
- A diffuser blade SG-DB
- Four pictograms (2 left / 1 down / 1 white)

# Signal 7 Accessories

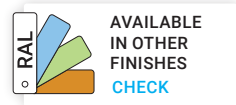
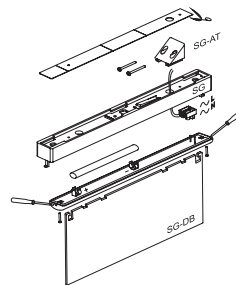
## Assembly accessories

### SG-AT      Fixation to the wall

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

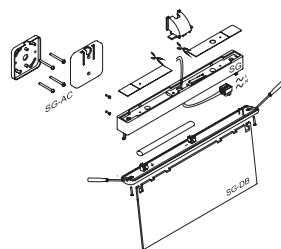


Perpendicular to the wall  
**SG + SG-DB + SG-AT**

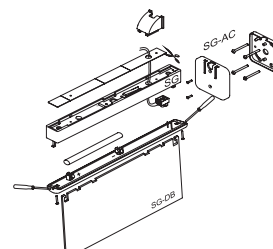


### SG-AC      Set of accessories for assembly in a recessed universal box. White

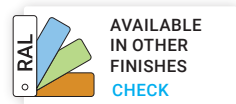
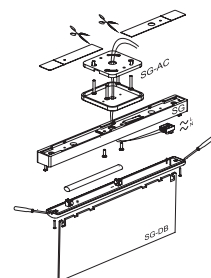
Parallel to the wall



Perpendicular to the wall



Fixation to the wall

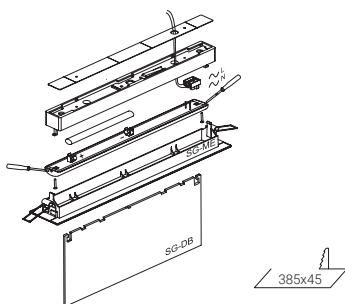


# Signal 7 Accessories

## Recession frames



**SG-ME** Recession frame. White colour



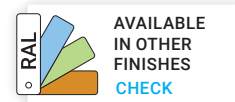
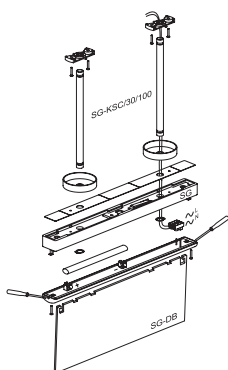
## Ceiling mounting accessories



**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	<b>146</b>
Passo	<b>148</b>
Sirio	<b>150</b>
Estela	<b>152</b>
Senda	<b>156</b>
MIB Step light	<b>160</b>
BR Step light	<b>161</b>

# Power supply module for step lights

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





# MA24-6

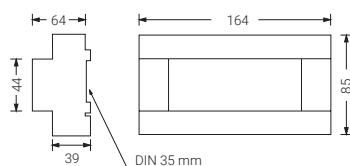
Power supply module for step lights

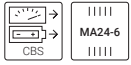
Technical features:

- Power supply: 230V AC – 50/60 Hz
- Output: 24v DC
- Power: 6w
- Maintained / Non maintained functioning through the control input.
- Battery included (7,2v – 1300mA 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

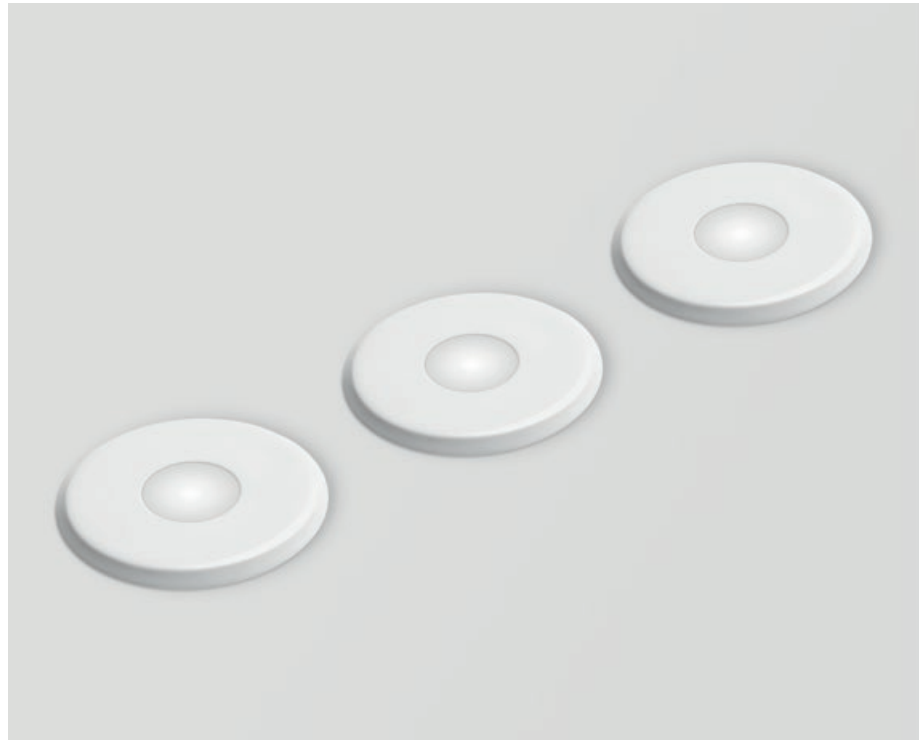




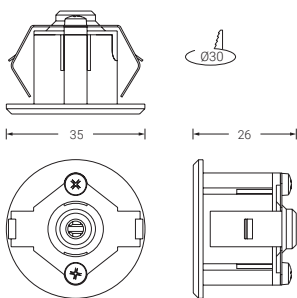
Recessed  
exit step light

IP65

Centralized  
power supply  
24 Vcc

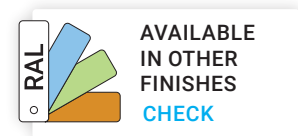


# Passo



It requires the C24 central battery systems to comply with the low voltage directives as step lighting (information on page 158)

No accessories needed for installation.



IP  
65

	LAMP	COLOUR LED	POWER SUPPLY	CONSUMPTION	PACKAGING
<b>BP24</b>	LED	White	24 Vcc	0,35 W	20
<b>BP24A</b>	LED	Blue	24 Vcc	0,35 W	20
<b>BP24R</b>	LED	Red	24 Vcc	0,35 W	20
<b>BP24V</b>	LED	Green	24 Vcc	0,35 W	20

For other finishings, please consult check.

Compatible with the C24 central battery system (information on page 164) and with the power supply module for step lights MA24-6 (information on page 146).

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



# 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

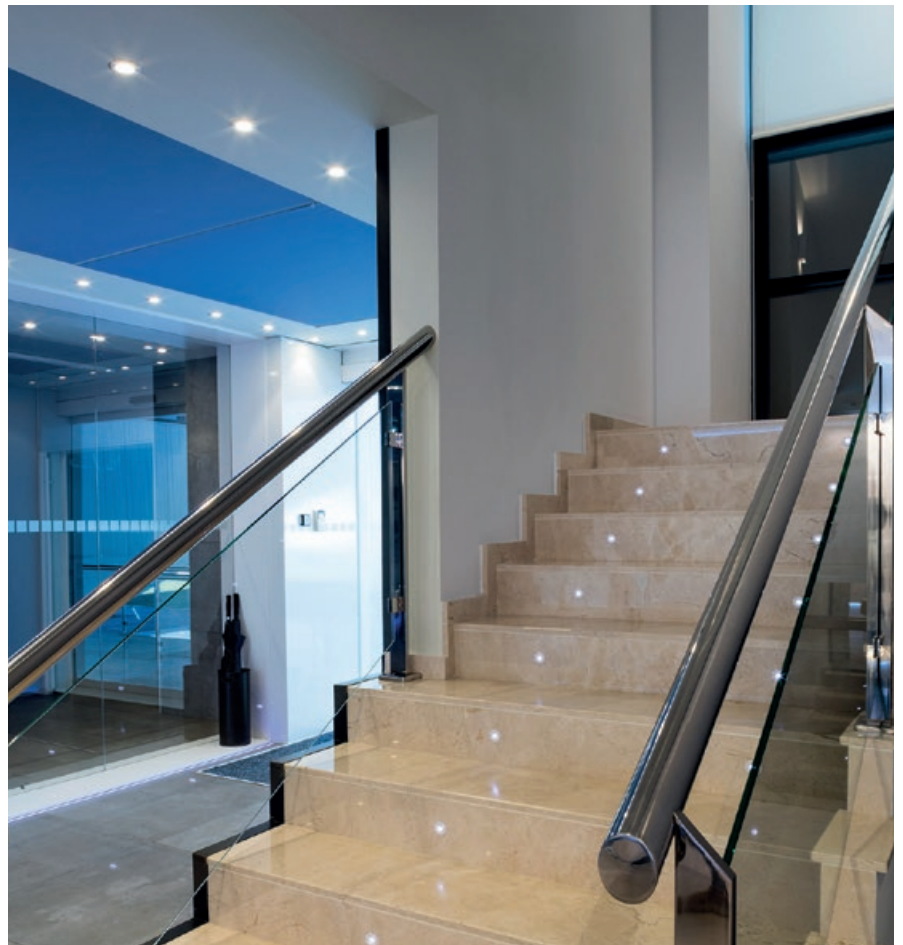
**C24-100M** Central Battery System 100 W

**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 164.

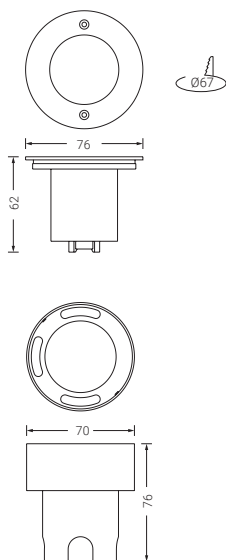




## Recessed step light

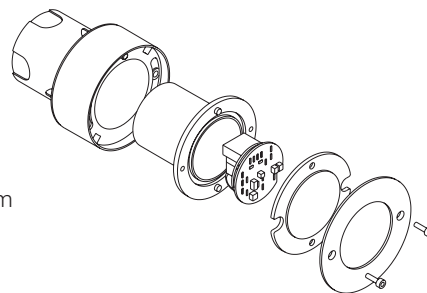
24V CBS version available

# 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	AUTONOMY	BATTERY	COS (φ)	CONSUMPTION	PACKAGING
<b>BS</b>	LED	White	2 h	3,6 V · 80 mAh	0,07	0,28 W	20
<b>BSA</b>	LED	Blue	2 h	3,6 V · 80 mAh	0,07	0,28 W	20
<b>BSR</b>	LED	Red	2 h	3,6 V · 80 mAh	0,07	0,28 W	20
<b>BSV</b>	LED	Green	2 h	3,6 V · 80 mAh	0,07	0,28 W	20

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



24v DC version is compatible with the C24 central battery system (information on page 164) and with the power supply module for step lights MA24-6 (information on page 146).



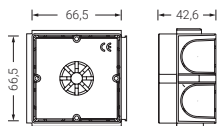
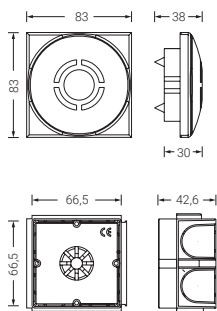


Step light for universal box

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.



24v DC version is compatible with the C24 central battery system (information on page 164) and with the power supply module for step lights MA24-6 (information on page 146).



## Estela recessed mounted

IP  
44

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

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

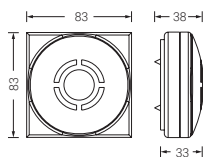


Surface  
mounted  
step light

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.



24v DC version is compatible with the C24 central battery system (information on page 164) and with the power supply module for step lights MA24-6 (information on page 146).

## Estela surface mounted

IP  
44

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

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

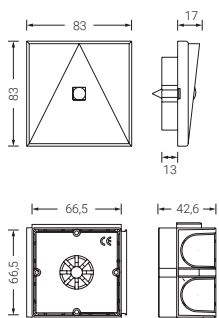


## Step light for universal box

24V CBS  
version available



# Senda recessed mounted



REF: NT

REF: NR

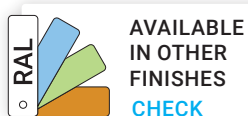
REF: NC

### 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.



24v DC version is compatible with the C24 central battery system (information on page 164) and with the power supply module for step lights MA24-6 (information on page 146).

## Senda recessed mounted

IP  
44

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

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

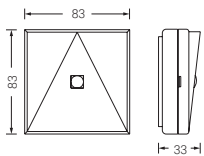


Surface  
mounted  
step light

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.

**RAL**  
AVAILABLE  
IN OTHER  
FINISHES  
**CHECK**

24v DC version is compatible with the C24 central battery system (information on page 164) and with the power supply module for step lights MA24-6 (information on page 146).

## Senda surface mounted

IP  
44

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

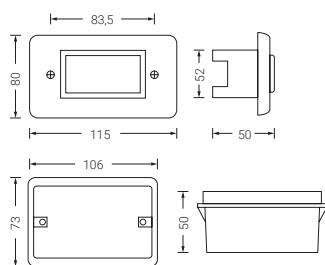
**S-TE** Remote control for up to 300 fittings standard or autotest



## 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.

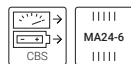
IP  
42

Compatible with the C24 central battery system (information on page 164) and with the power supply module for step lights MA24-6 (information on page 146).

	LAMP	COLOUR	IP	AUTONOMY	BATTERY	PACKAGING
<b>MIB</b>	LED	Glass	42	1 h	3,6 V · 60 mAh	20

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





## Step light

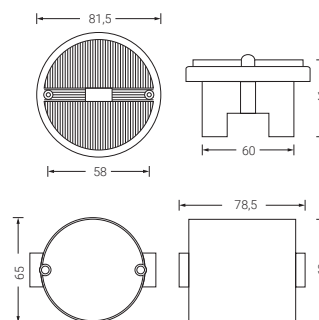
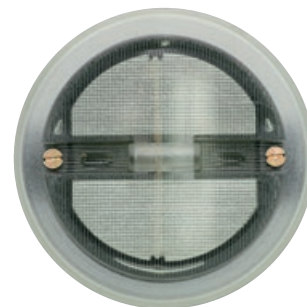
24V CBS  
version available

# BR Step light

## BR/BRE

Technical features:

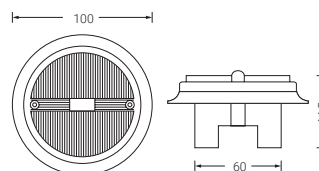
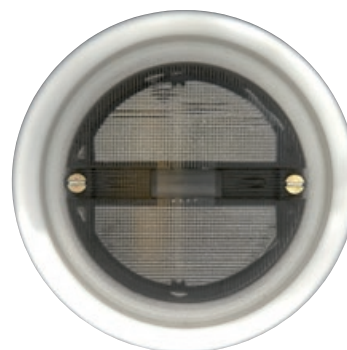
- White LED.
- Assembly: includes recession box.
- Reference norms EN 60598-1
- Signalling with a LED.
- Power 230V, 50/60 Hz.
- Housing and diffuser: Polycarbonate
- Charging time 24 hours.
- Possibility of remote control.
- IP 42 in Ref. BR.
- IP 65 in Ref. BRE.



## 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 164) and with the power supply module for step lights MA24-6 (information on page 146).

	LAMP	COLOUR	IP	AUTONOMY	BATTERY	PACKAGING
<b>BR</b>	LED	Grey	42	1 h	3,6 V · 60 mAh	20
<b>BRU</b>	LED	Grey	42	1 h	3,6 V · 60 mAh	20
<b>BRE</b>	LED	Grey	65	1 h	3,6 V · 60 mAh	20
<b>BREU</b>	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	<b>164</b>
Emergency kits	<b>168</b>
Emergency lights for elevators	<b>174</b>
Light paths	<b>175</b>

# Central Battery System

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

# C24

Manufactured in accordance with standard EN 50171



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



## 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			

# Central Battery System

# C24

**Technical features:**

- Voltage: 230 V AC +/- 10%.
- Wire cross section: 2.5 mm<sup>2</sup>.
- Output voltage: 24 V DC +/- 20%.
- Output wire section: 2.5 mm<sup>2</sup>.
- Ambient temperature: -5°C to 25°C.
- Class: I.
- IP: IP40.
- Outputs: 4 (C24-100M y C24-300M) / 8 (C24I-300).
- Maximum current: 3.5 A per output.
- Dimensions:
  - C24-100M: 340 x 330 x 90 mm.
  - C24-300M: 500 x 400 x 200 mm.
  - C24I-300: 587 x 460 x 187 mm.
- C24I-300 can control up to 120 luminaires.

REF.

**C24-100M**  
**C24-300M**  
**C24I-300**



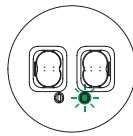
**BATTERIES NOT INCLUDED**

REF.

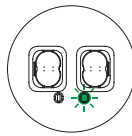
DESCRIPTION

<b>ACUPL12V7</b>	Rechargeable battery 12V · 7Ah
<b>ACUPL12V9</b>	Rechargeable battery 12V · 9Ah
<b>ACUPL12V12</b>	Rechargeable battery 12V · 12Ah
<b>ACUPL12V18</b>	Rechargeable battery 12V · 18Ah
<b>ACUPL12V24</b>	Rechargeable battery 12V · 24Ah

**Status LED control**



Status LED on: OK



Status LED blinking: FAILURE

Option to decide the status of the charging LED:

- ON: Line OK (C24) / fitting OK C-24Ad
- FLASHING: Line failure (C24) / Fitting failure (C24I).
- OFF.

WIRE SECTION	MAXIMUM INTENSITY	DISTANCE*
1,5 mm <sup>2</sup>	1 A	147 m
	2 A	74 m
	3 A	49 m
2,5 mm <sup>2</sup>	1 A	245 m
	2 A	123 m
	3 A	82 m

\* Length for double wire and charge at end of line.

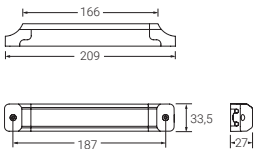
## C24i-300

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
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
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
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							Modbus-RTU y Normalink							

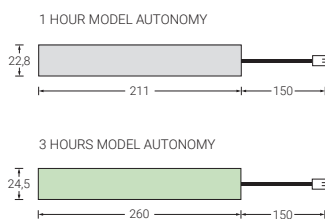


# Kira Led

## 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
<b>SELV</b> 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
<b>SELV</b> 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
<b>SELV</b> 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
<b>SELV</b> 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
<b>SELV</b> 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
<b>SELV</b> 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
<b>SELV</b> 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
<b>SELV</b> 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

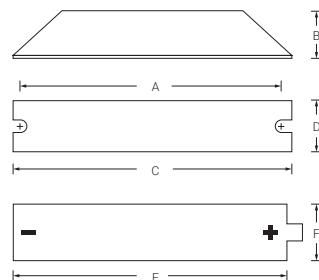
	WORKING TEMPERATURE RANGE	CHARGING CURRENT	DISCHARGING CURRENT	OUTPUT VOLTAGE RANGE	DURATION	BATTERY	INPUT POWER WITH MAINS	INPUT CURRENT WITH MAINS	OUTPUT POWER EMERGENCY	OUTPUT CURRENT EMERGENCY
<b>SELV</b> KXYLEDA-50E	5°C-45°C	75-95 mA	650-900 mA	10-50 V	1 h	6 V · 1,5 Ah NiCd	1,3 W	14 mA	3,75 W	75-375 mA
<b>SELV</b> 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
KXYLEDA-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
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
<b>KEN 1-18</b>	163	32	173	39	127	22
<b>KEN 3-18</b>	163	32	173	39	176	33
<b>KEN 1-36</b>	163	32	173	39	127	22
<b>KEN 3-36</b>	163	32	173	39	176	33
<b>KEN 1-58</b>	163	32	173	39	169	22
<b>KEN 3-58</b>	163	32	173	39	235	33
<b>KEN S1UNIV</b>	163	32	173	39	295	33
<b>KEN 1-14 T5</b>	163	32	173	39	353	33
<b>KEN 1-21 T5</b>	163	32	173	39	353	33
<b>KEN 1-24 T5</b>	163	32	173	39	353	33
<b>KEN 1-28 T5</b>	163	32	173	39	353	33
<b>KEN 1-35 T5</b>	163	32	173	39	353	33
<b>KEN 1-39 T5</b>	163	32	173	39	353	33
<b>KEN 1-49 T5</b>	163	32	173	39	353	33
<b>KEN 1-54 T5</b>	163	32	173	39	353	33
<b>KEN1-UNI</b>	41	239	44	295	33	

# Kenlux

## Standard

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



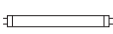
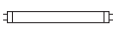





## Intelligent DALI

Compatible with **NormaLINK** 



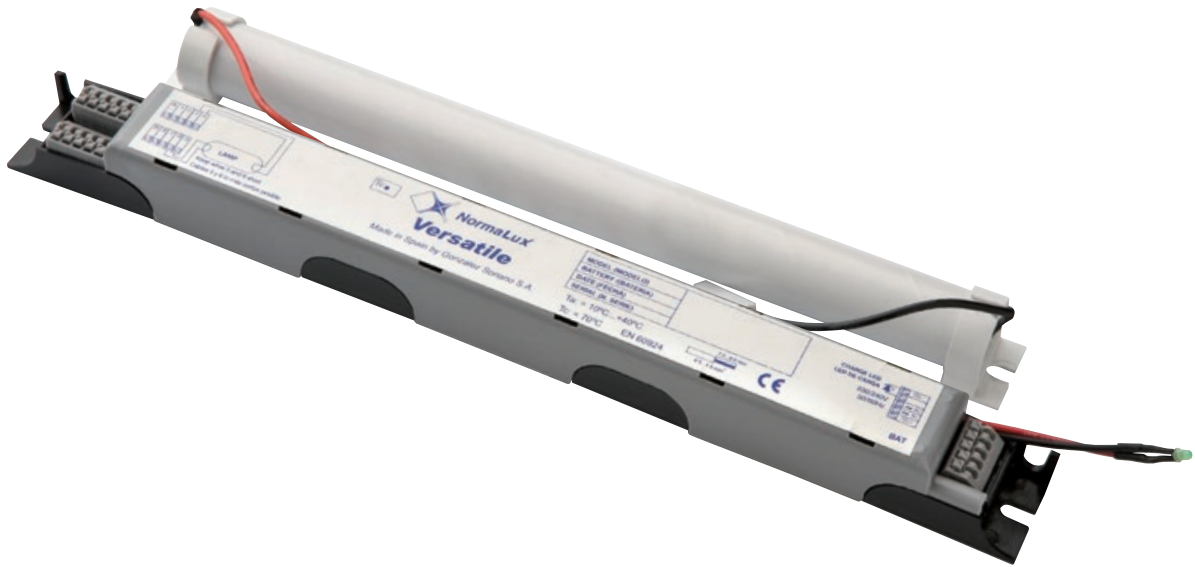
	BATTERY	AUTONOMY	BALLAST LUMEN FACTOR	PACKAGING
<b>KENI1-UNI</b>	6,0V 4,0Ah	18W: 2 hour 36W: 1,5 hours 58W: 1 hour	18W: 39% 36W: 25% 58W: 18%	20

### KENS1-UNI. Compatibility and duration

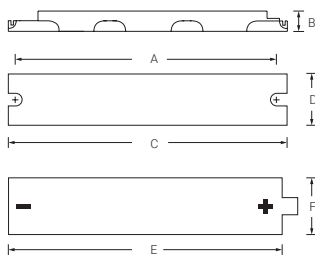
	LAMP	PLAMP (W/h)	THEORETICAL LUMEN OUTPUT	BLF	LUMEN OUTPUT (lm)
	<b>TC-DEL 18W</b>	18	1200	43%	510
	<b>TC-DEL 26W</b>	26	1800	34%	604
	<b>TC-TEL 18W</b>	18	1200	37%	445
	<b>TC-TEL 32W</b>	32	2400	24%	584
	<b>TC-TEL 42W</b>	42	3200	23%	733
	<b>T8-18W</b>	18	1350	39%	528
	<b>T8-36W</b>	36	3350	24%	806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

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

## Standard



# 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




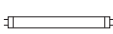
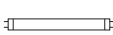




	A	B	C	D	E	F
VKIT	316	25	32	304	255	23
VKIT3	316	25	32	304	360	33

# Versatile

IP  
20

	BATTERY	AUTONOMY	PACKAGING
<b>VKIT</b>	7,2 V · 1,5 Ah	1 h	20
<b>VKIT3</b>	7,2 V · 4,0 Ah	3 h	20

## VERSATILE. Compatibility and duration

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

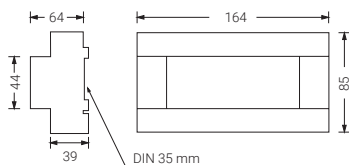
\*BLF: Percentage of luminic power emmitted / nominal luminic power of the lamp.

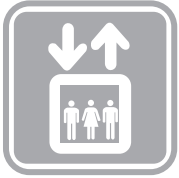
# Accessories

## Remote controls

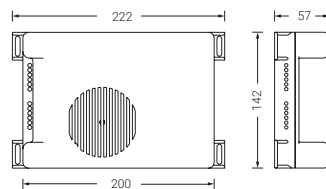


**S-TE** Remote control for up to 300 fittings standard or autotest






# Emergency lights for elevators



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

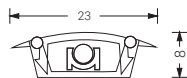
CE

IP  
20

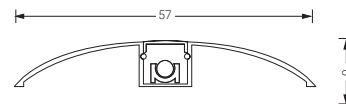
	BALLAST LUMEN FACTOR	LAMP	AUTONOMY	BATTERY	CONSUMPTION	ALARM		COS ( $\phi$ )	PACKAGING
<b>ASFL-18</b>	24	TL-D 18 W	1 h	6,0V 1,5Ah	3 W	90 dB - 1 mts	0,9	1,1	1
<b>ASFL-36</b>	12	TL-D 36 W	1 h	6,0V 1,5Ah	3 W	90 dB - 1 mts	0,9	0,8	1



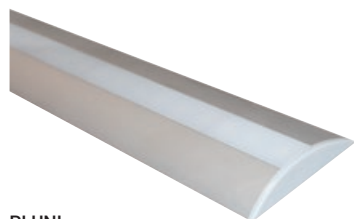
PLEMP



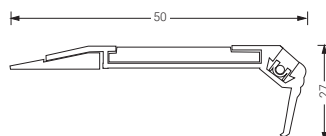
PLEMP



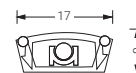
PLUNI



PLUNI



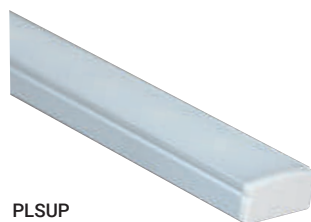
PLESC



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 164.



Four light paths available:



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

<b>PLTEMP</b>	Embedded mounted path light end cap
<b>PLTUNI</b>	Union path light end cap
<b>PLTESC</b>	Stair path light end cap
<b>PLTSUP</b>	Surface mounted path light end cap

Install

# Autotest

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.**

## 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 fulfillment 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](http://normalux.com)



**Norma**LINK 

App control by  
Normagrup



# What is Normalink?

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

Normalink provides control via the following applications:

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



iOS   Windows

Control via  
**Normalink BMS** drawings  
for computers compatible  
with Windows.

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





## NORMALINK COMPATIBILITY

Compatible with DALI general lighting and emergency lighting.

Compatible with Normalux<sup>(3)</sup> INTELLIGENT WIRELESS emergency lighting and exit signs.

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

Compatible with Modbus/IP<sup>(4)</sup>.

<sup>(1)</sup> 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.

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

<sup>(3)</sup> 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.

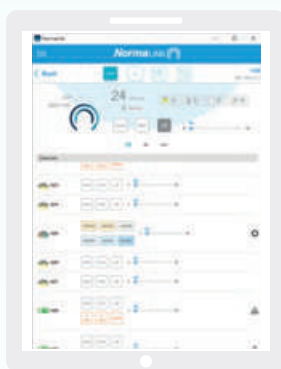
<sup>(4)</sup> Modbus/IP is a standard protocol that enables Normalink to be integrated in a supervision system (SCADA or BMS).



# Main functions of Normalink

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

## ● Create Environments



Control Tunable White.



Group configuration.

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

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

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

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

**NEW FEATURE!**

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

**NEW FEATURE!**

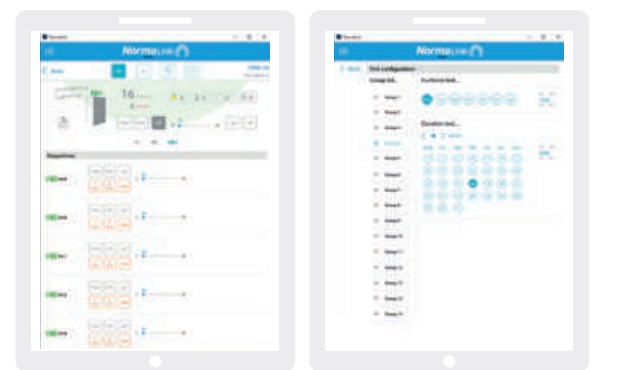
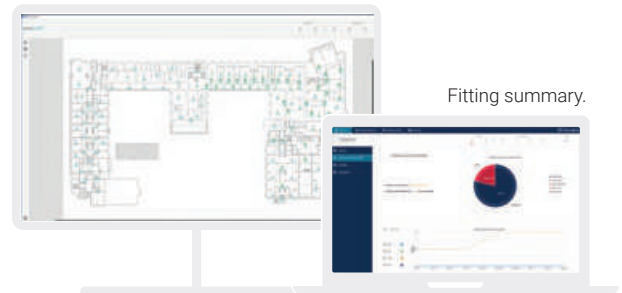
## Integrate external elements

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

Normalink integration.



Normalink BMS control software.



Control of emergency lighting.

Test configuration.

## Integrate external elements

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

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

Automatic log.

Normalink is compatible with C24i central battery systems.

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

Normalink BMS for comprehensive monitoring. **NEW FEATURE!**

# The Normalink ecosystem

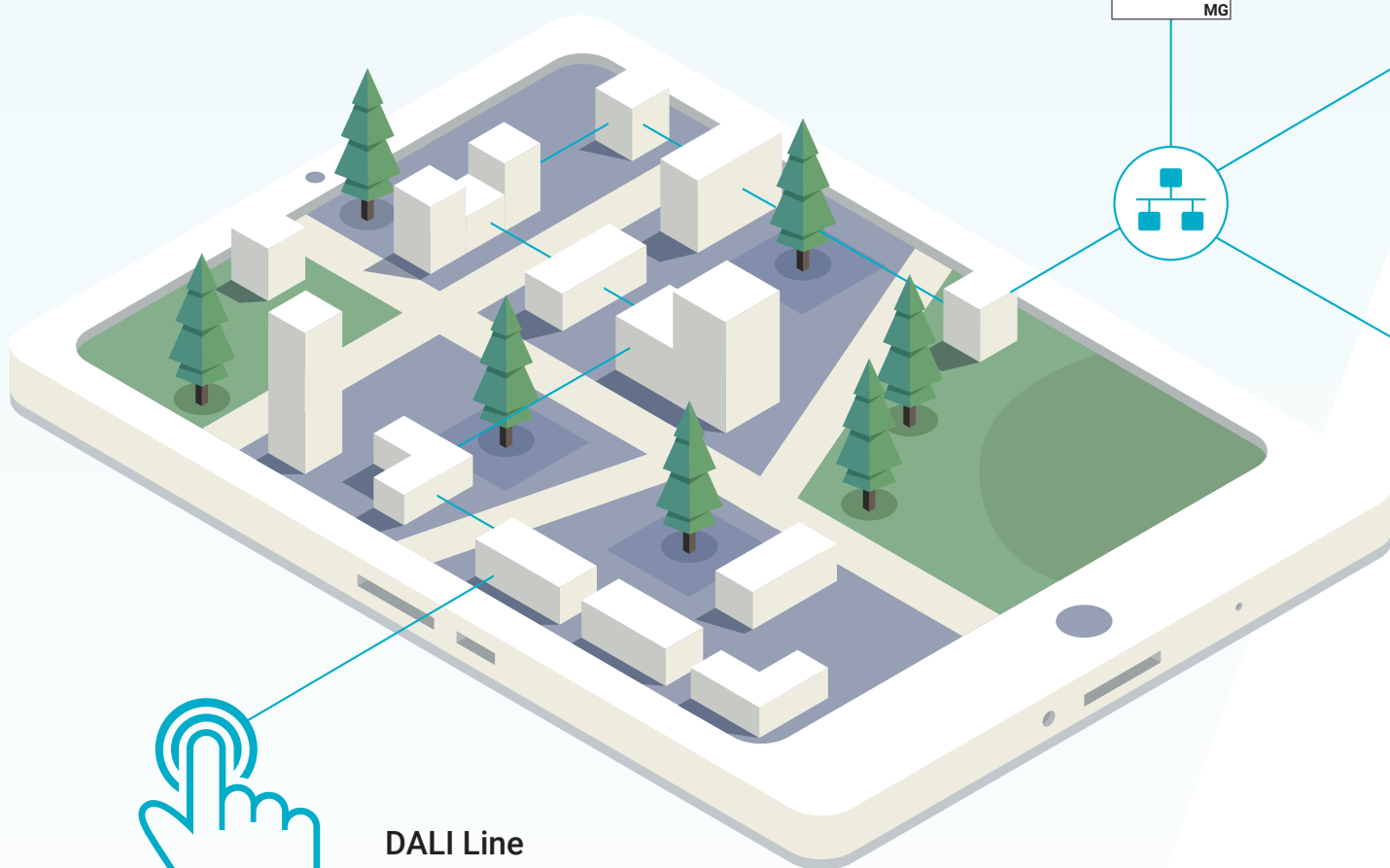
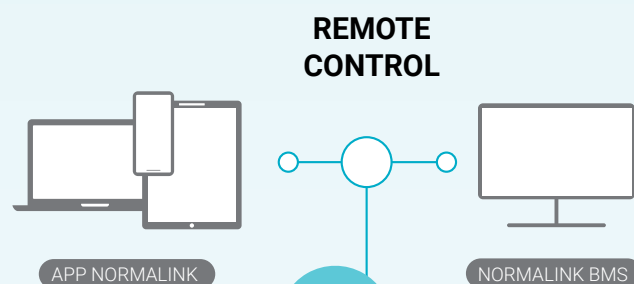
A system that you can trust

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

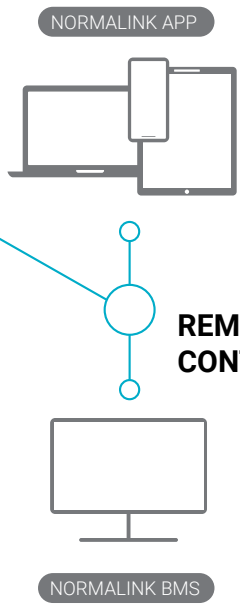
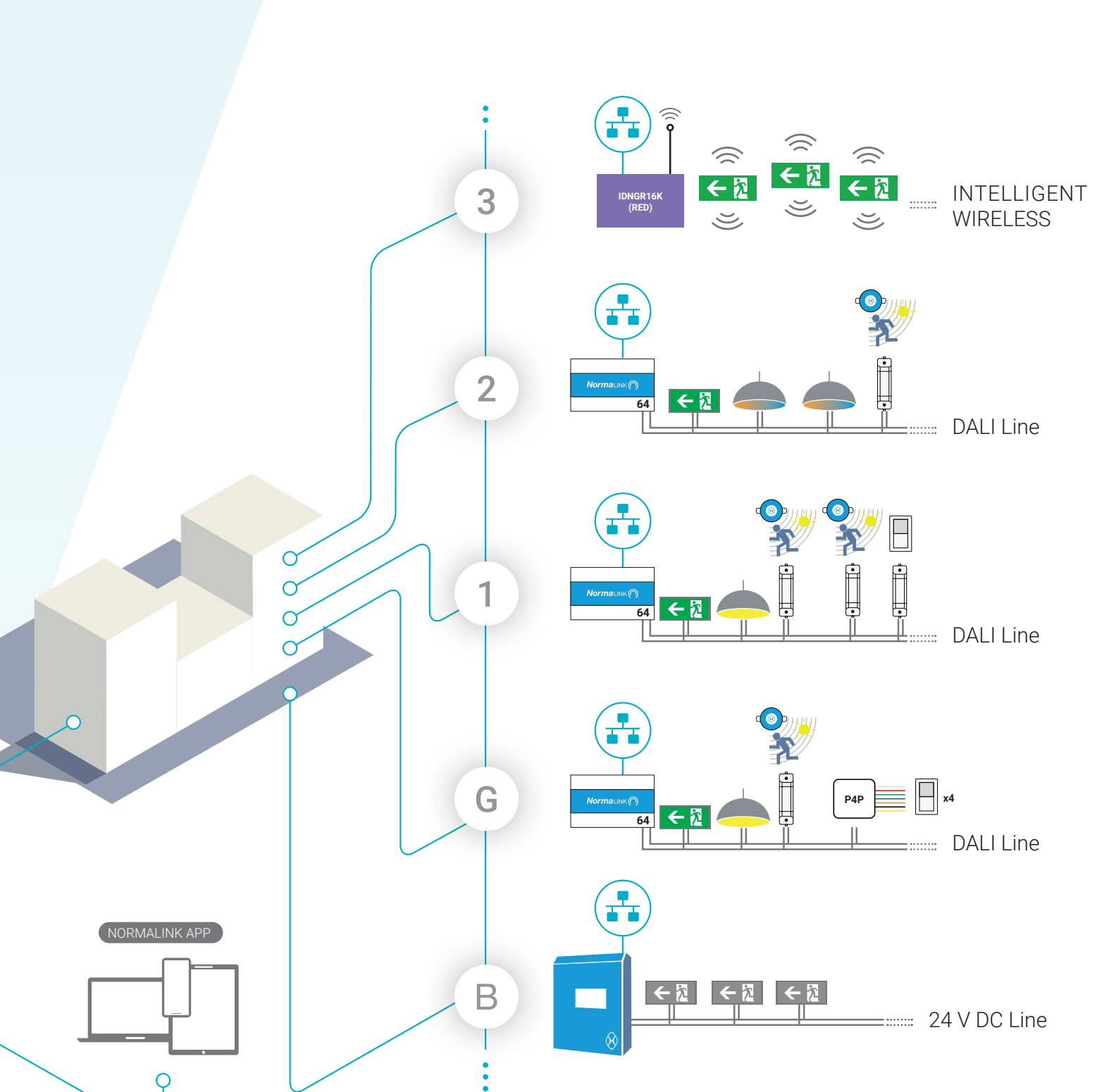
Scalable system, ideal for small, medium or large installations.












Quick and simple commissioning.

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



**DALI Line**  
2x1,5 mm<sup>2</sup>  
Max. 300 m



-  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)

# Normalink TW

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

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

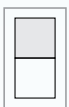
Push buttons, presence sensors and/or light regulators which can also act on the programmed circadian cycles.

Control and configuration from Normalink APP and Normalink BMS.

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

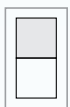
## EXAMPLE

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



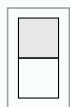
1

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



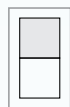
2

**Push button 2:**  
Regulation of the colour temperature.



3

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



4

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





# Normalink and emergency lighting / exit signs

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

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

Monitoring and control of the emergency luminaires and/or 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).



# Normalink BMS

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

**Normalink Cloud** 

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

---

Connection to the local network or remotely via Normalink Cloud.

---

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

---

Notifications sent by e-mail.

Customisation of reports.

---

Test configuration (functional and annual).

---

Performance of tests (functional and annual).

---

Creation and control of groups, scenes and timings.

Log of events and tests.

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

---

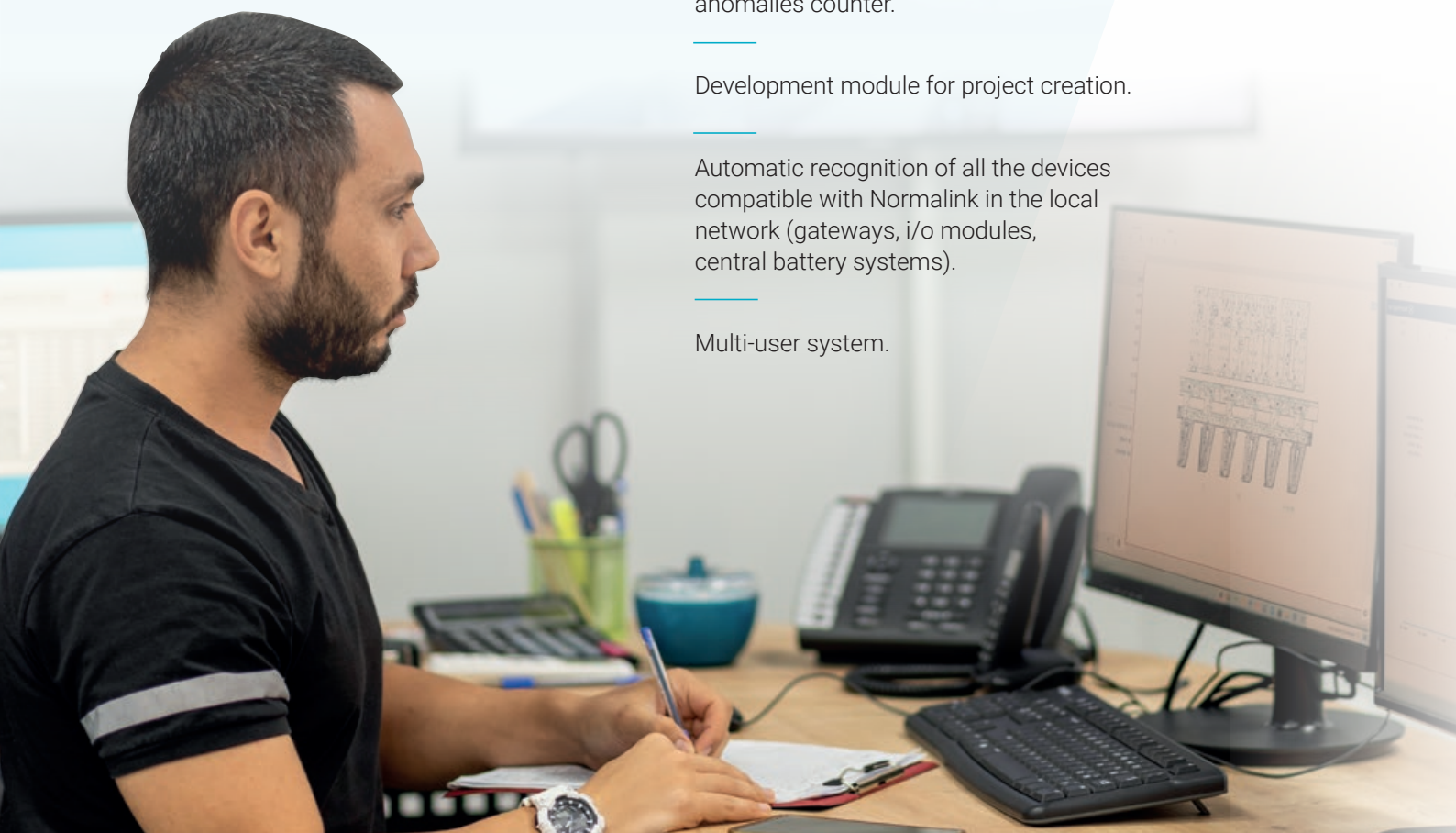
Development module for project creation.

---

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 be developed from scratch and customizable.



## Control module

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



## Development module

- Step-by-step configuration assistant. Simple and intuitive.
- Tools for centralised commissioning.
- Customised reports editor.
- Drag & drop system for project development.
- Modification of the size of icons according to the plan of the building.

# Normalink WIRELESS

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

Normalux Families with Intelligent Wireless version:

● VIA R



● VIA R waterproof IP65



● VIA S



● EXTRALINE



● EUROPRISMA



● EXCELLENCE



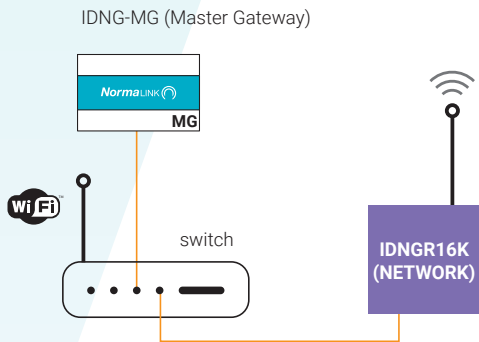
AUTONOMOUS  
EMERGENCY  
LIGHTING  
**Intelligent  
Wireless**

AUTONOMOUS  
EMERGENCY  
LIGHTING



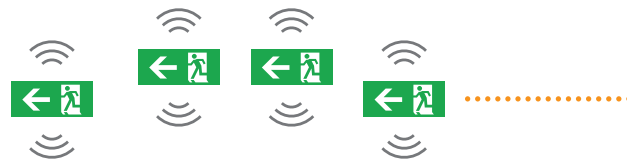
Check out for other product ranges.

## PHYLOSOPHY



### CONTROL CAPACITY BY NETWORK

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



**SUB-NETWORK 1**  
(Up to 64 Intelligent Wireless autonomous emergency blocks)

**SUB-NETWORK**  
(Up to 64 Intelligent Wireless autonomous emergency blocks)



## 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:

- 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.*



## IDNG-64

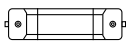


**DALI-TCP/IP gateway for control via Normalink** of up to 64 general lighting and/or emergency lighting luminaires as per the DALI (Digital Addressable Lighting Interface) Standard.

- 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 mm<sup>2</sup> and 200 mm long.
- Terminals IN1, IN2, IN3 and IN4 cannot be extended using an extra wire.
- Automatic detection and configuration from the Normalink app.
- Powered from the DALI bus.
- Does not use a DALI address.
- Identification via Normalink code.
- Dimensions 50 x 50 mm.

# Normalink Devices

## ILSR110

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



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

## ILSS110

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



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







## IDNG-10ES



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

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



## Sales Terms and Conditions

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

# Surface covered with 1 lux

## VIA LED

INSTALLATION HEIGHT (METERS)	VSI   VMSI   VTS   VCS   VLS   VSLS
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

## DUNNA 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

## DUNNA 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

## STYLO 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

## GS 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



See complete information on  
web [www.normalux.com](http://www.normalux.com)

### GENNIUS Maintained / Non-maintained

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

### HERMETIC LED

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

### HERMETIC LED Non-maintained

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

### HERMETIC MULTILED

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

### SMART

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

### EXTRAPLANA LED

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

### EXTRAPLANA LED Non-maintained

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

### LISSA RECESSED

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

### LISSA SURFACE

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

### BESSEL

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

### EUROPRISMA

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



## Characteristics of the materials

The measurements, weights, characteristics, or magnitudes shown in this rate-catalogue or in any other medium of Normagrup Technology, S.A. are indicative and may be modified without prior notification.

## Prices and deliveries

The Retail Prices (RRP) included in this price list are Recommended Retail Prices in Euros (€) and do not include VAT.

The sales prices will be offered in writing or those that are contemplated in our current rate at the time the supply is made.

The supply of goods will be carried out by complete packaging units.

## Minimum order

An order with a minimum amount of 100€ net is established.

## Paid Shipping

Orders whose amount is equal to or greater than 400€ net and whose destination is the peninsula or the Balearic Islands will be supplied postage-free, provided that these materials are sent by the means defined by Normagrup Technology, S.A.

In the event that the orders are less than 400€ net, said orders will be supplied postage free with an additional charge of 25€ net for shipping and handling, or without additional charge postage due.

## Postage due

All those orders defined as special, will be sent postage due regardless of their amount. Likewise, orders that are expressly requested postage due by the customer or all those in which the means of transport is different from that selected by Normagrup Technology, S.A. will be sent in these conditions.

## Incidents in shipments

It is considered essential that all the merchandise sent is reviewed and checked within 24 hours of receipt of the material. If any incident is detected, it must be communicated immediately to the transport agency or to the customer service telephone numbers of Normagrup Technology, S.A.

## Material consigned to third parties

If the customer requests the delivery of the goods to a destination other than that of their habitual address, they must have a prior agreement from Normagrup Technology, S.A. In the same way, the client must be responsible for the reception and verification under the same conditions of their usual address.

## Returns

Returns of goods will only be accepted if they are processed before a maximum period of 30 days from the time of delivery. Products covered by the warranty are exempt from this 30-day period.

Any return will only be accepted if you have the prior express agreement of Normagrup Technology, S.A. In that case, the material will be sent to our central warehouses in Asturias following the established procedure. Let us know by email at the address [rma@normagrup.com](mailto:rma@normagrup.com) or by phone at our number **985 267 100**.

## Validity of prices

The prices in this rate cancel any other price previously published by Normagrup Technology, S.A. and are valid, with the exception of printing errors.

## Liability

The civil liability on our products expires one year after the supply. Normagrup Technology, S.A. declines all responsibility due to the improper use of its products. In case of litigation as a result of a sale, the parties will submit to the jurisdiction of the courts of Oviedo, renouncing both parties to any other jurisdiction that may correspond to them.

## Guarantee

All products in this publication have a three-year warranty for manufacturing defects, according to the new law that came into force on January 1, 2022 on the warranty of consumer goods. The warranty does not cover failures caused by improper use or handling. The warranty does not cover replaceable items. In the event that it is necessary to execute this guarantee, you must contact the distributor where the purchase was made by presenting the invoice, as well as a detailed description of the observed malfunction.

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