

# **SAFETY** **LIGHTING**

**LUMINAIRES WITH  
SELF-CONTAINED  
SUPPLY**

**LUMINAIRES FOR  
DECENTRAL  
SUPPLY**

**AND**

**CENTRAL  
SUPPLY**



## LIGHT IS SAFETY

True to this motto, **Beghelli PRÄZISA** has been a competent partner for specialist planners, expert companies, industries, trade and commerce worldwide for more than three decades. We develop, manufacture and distribute **safety lighting** as well as **interior and exterior lighting**.

Important criteria for the design of our products are the **preservation of resources** and the **protection of the environment**. This is done through products with **high efficiency** and simple operation. This reduces the

costs of assembly, installation and operation – the latter through lower **energy consumption** and **longer service life**. Our standards for general and emergency lighting are very high.

We are constantly developing new functions and designs of innovative lighting concepts. This way we do not just provide safety through lighting, but also stage buildings and public spaces.



### RELIABLE OF LIGHTING

For control and monitoring, we have been relying on wireless communication pursuant to the Zigbee® standard for more than 15 years. This allows optimal management of interior and exterior lighting. The standard is particularly advantageous in the construction and renovation of new lighting and the renovation of existing lighting.



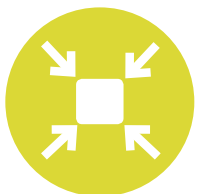
### SUSTAINABLE

Our SmartLighting and Sicuro safety lighting concepts are extremely efficient. Luminaire power is reduced by up to 75%, the luminaire quantity by up to 40%. Installation and maintenance are easy. This saves energy and protects the environment.



### INNOVATIVE

The Titanate Emergency Lighting series is powered by lithium-titanate batteries. The service life is 10 years and is therefore cheaper and safer than the central battery supply. The system can even be operated without any problems in extreme temperatures from -20 °C to +50 °C.



### COMPACT

Tula combines escape sign and safety luminaire and replaces the separate escape signs and safety luminaires at exits, emergency exits and escape routes. Tula is available for wall and ceiling mounting as well as for pendant mounting and can be flexibly integrated into any architecture.



### VARIABLE

MultiLens is a flat and lightweight downlight for wall and ceiling mounting. The light distribution is variable through the multi-focus lens module. Light colours can be individually controlled with the multicolour LED driver.


**Variants with self-contained supply**

Page 8 – 9

**Titanium Emergency Lighting**  
*Innovative self-contained supply*

Page 10 – 11

**Decentral and central testing devices**

Page 12 – 13

**Variants for decentral and central supply**

Page 14 – 15

**Sicuro Emergency Lighting**  
*Luminaire for innovative supply*

Page 16 – 17

**TESTING  
DEVICES**
**Logica FM**

Page 18 – 21

**Logica S and Logica Z**

Page 22 – 26

**Logica Visual**

Page 27

**EXIT SIGN  
LUMINAIRES**
**Pluraluce**

Page 28 – 29


**Plexi LED**

Page 30 – 31


**Dispos Evo**

Page 32 – 33


**Multi-D**

Page 34 – 35


**Alu-K**

Page 36 – 37


**Kubus**

Page 38 – 39


**Kubus65**

Page 40 – 41












**Acciaio**

Page 42 – 43















**Mounting options / Viewing distance / Luminaire distance / Degree of protection / Impact resistance / Protection class / Special properties**


































## EXIT SIGN LUMINAIRES

			Mounting options / Viewing distance / Luminaire distance / Degree of protection / Impact resistance / Protection class / Special properties
<b>Formula65</b>		Page 44 – 45	 IP65 IK07
<b>Tula</b>		Page 46 – 47	 IP20
<b>Maxima</b>		Page 48 – 49	 IP54
<b>Aestetica</b>		Page 50 – 51	 IP40
<b>Quader</b>		Page 52 – 53	 IP42

## SAFETY LUMINAIRES

<b>Pluraluce surface</b>		Page 54 – 55	 IP41 IP42 IK07
<b>Pluraluce recessed</b>		Page 56 – 57	 IP41 IP42 IK07
<b>Pluraluce65 surface</b>		Page 58 – 59	 IP65 IK09 V2A
<b>Pluraluce65 recessed</b>		Page 60 – 61	 IP65 IK09 V2A
<b>Alu-K</b>		Page 62 – 63	 IP40
<b>Kubus</b>		Page 64 – 65	 IP40

**SAFETY  
LUMINAIRES**

		Mounting options / Viewing distance / Luminaire distance / Degree of protection / Impact resistance / Protection class / Special properties
<b>Kubus65</b> 	Page 66 – 67	  <b>IP65 IK09 V2A</b>
<b>Acciaio</b> 	Page 68 – 69	  <b>IP65 IK09 Ex UV Oil</b>
<b>Acciaio High</b> 	Page 70 – 71	  <b>IP66 IK09 UV Oil</b>
<b>Formula65</b> 	Page 72 – 73	  <b>IP65 IK07</b>
<b>Logica</b> 	Page 74 – 75	  <b>IP65 IK08</b>
<b>Aestetica</b> 	Page 76 – 77	  <b>IP40</b>
<b>Lumax</b> 	Page 78 – 79	  <b>IP41</b>
<b>Lumax65</b> 	Page 80 – 81	  <b>IP65 IK10</b>
<b>S-In</b> 	Page 82 – 83	  <b>IP65 IK09</b>
<b>Triangle</b> 	Page 84 – 85	  <b>IP65 IP66 IK07 V2A</b>
<b>F30 / F50 / F70</b> 	Page 86 – 87	  <b>IP65 IP66 IK09 UV Oil</b>

Mounting options / Viewing distance / Luminaire distance / Degree of protection / Impact resistance / Protection class / Special properties

**COMBINED  
EXIT SIGN AND  
SAFETY  
LUMINAIRES**



Page 88 – 89



Page 90 – 91



**SAFETY SIGN  
LUMINAIRES**



Page 92 – 93



**MOBILE SAFETY  
LUMINAIRES**



Page 94 – 95



**SUPPLY MODULES  
AND  
SUPPLY DEVICES**



Page 96 – 97



Page 98 – 99



Page 100 – 101



**Order codes**

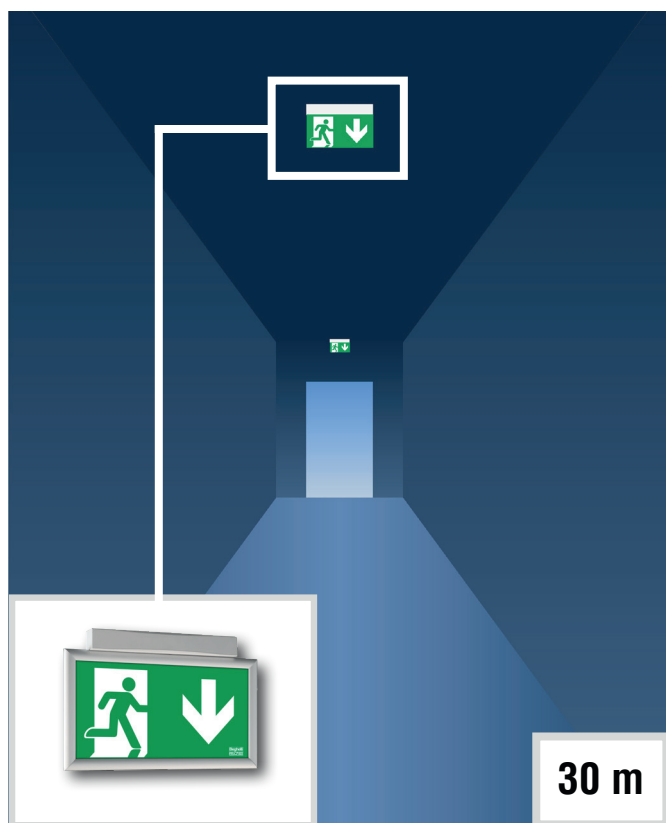
Page 102 – 107

**Index of symbols and icons**

Page 108

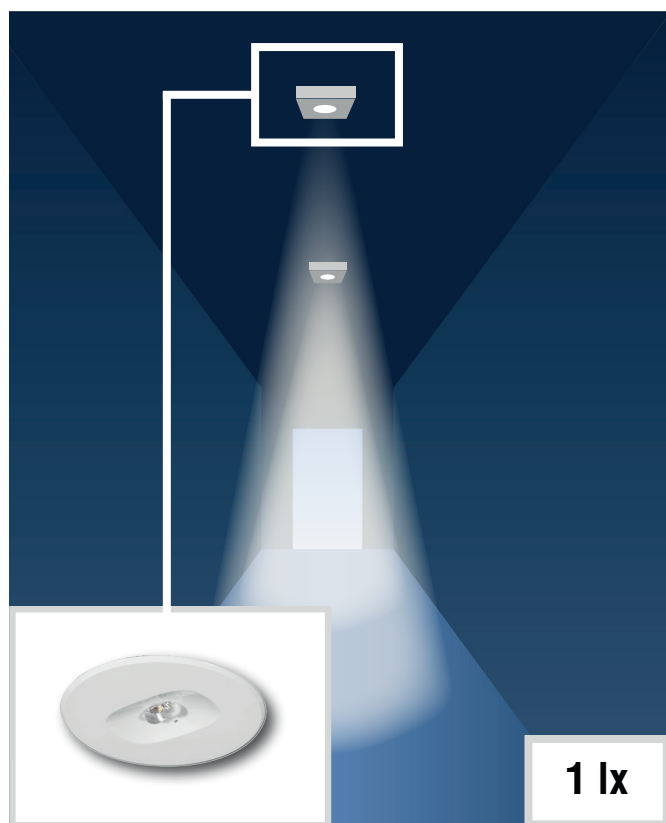
## EXIT SIGN LUMINAIRES

for marking of escape routes and emergency exits



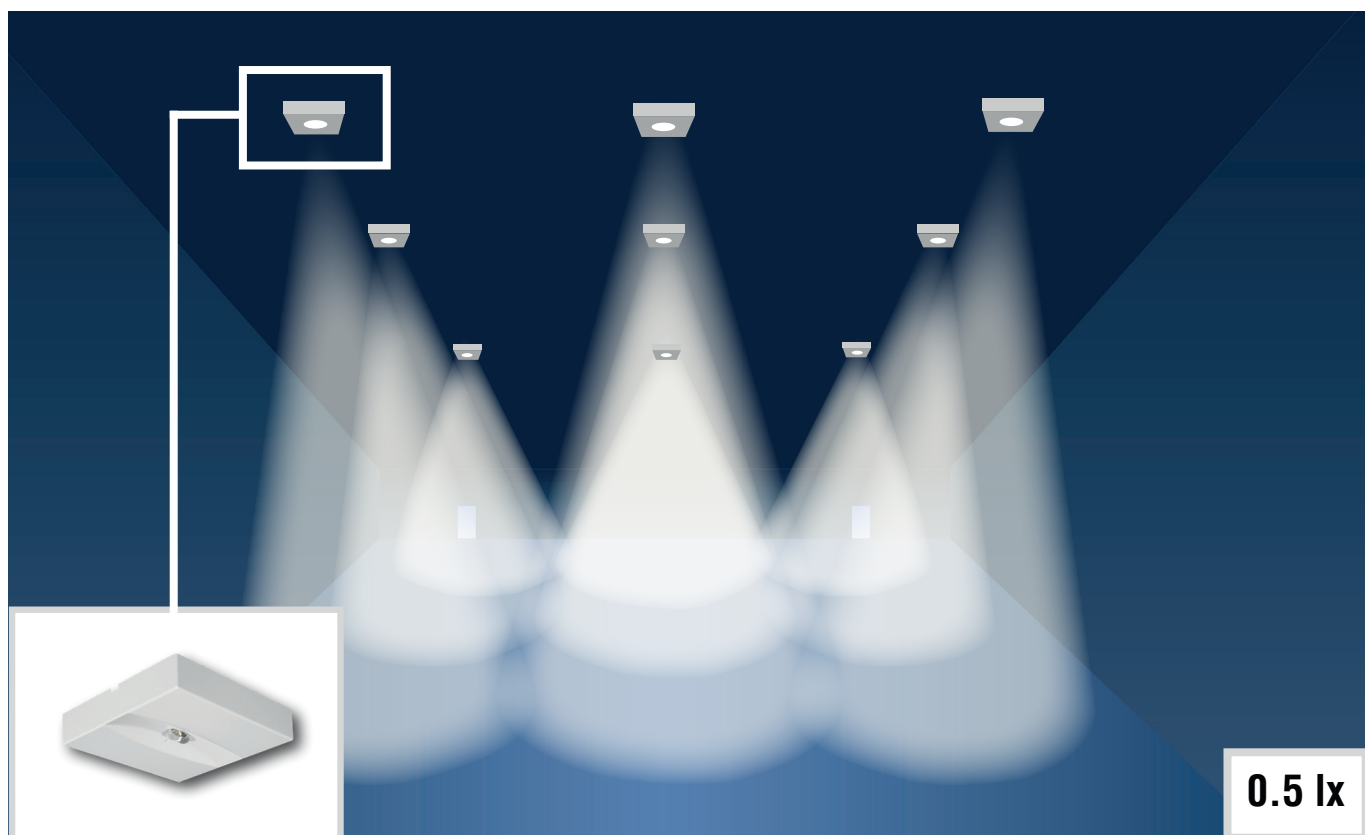
## LUMINAIRES

for illumination of escape routes



## LUMINAIRES

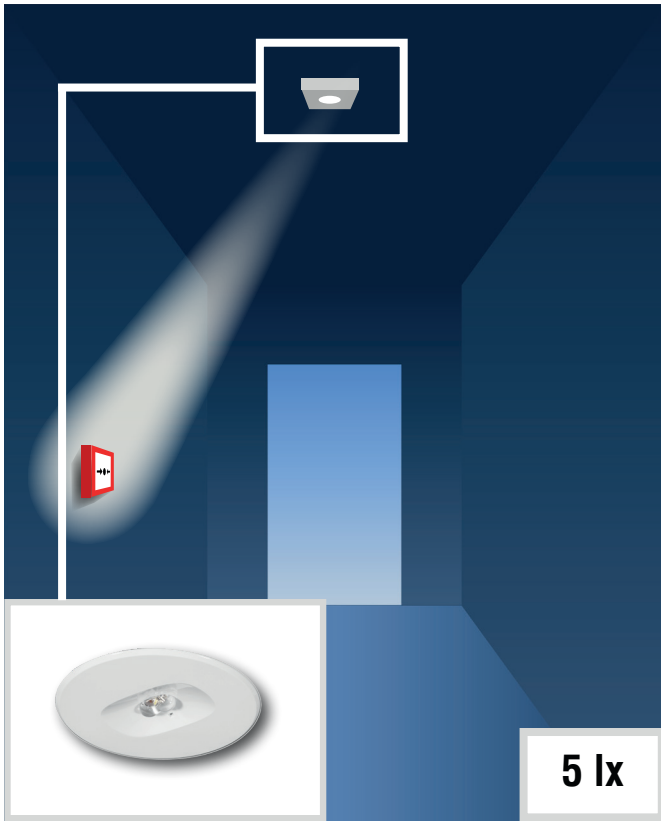
for areas





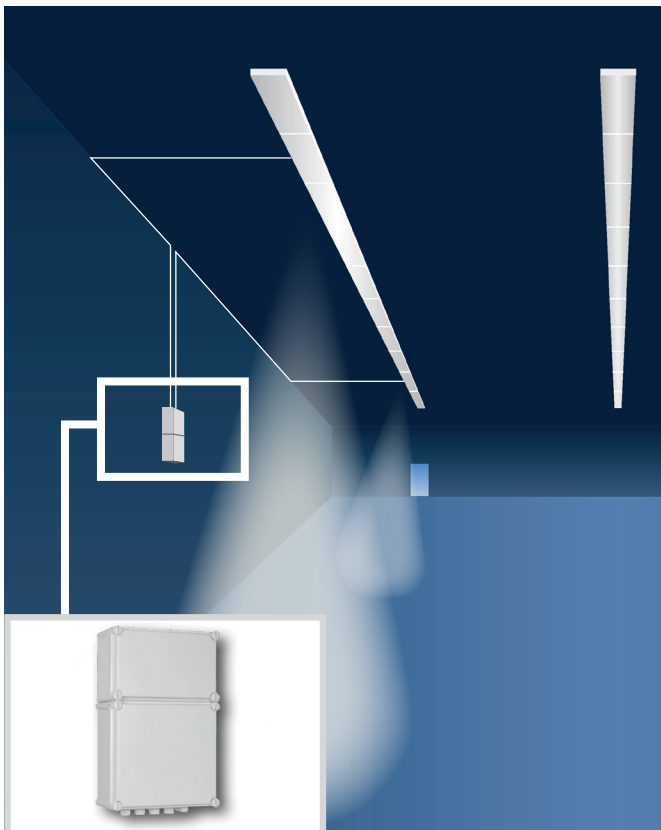
## LUMINAIRES

for safety devices



## SUPPLY DEVICES

for operation of interior and exterior luminaires used as safety luminaires



**Integration** of general lighting in emergency lighting

**No reduction** of luminous flux

Suitable for **commercial** and **industrial** halls or gym

Either for **large distance** between supply device and luminaire



**INNOVATIVE SELF-CONTAINED SUPPLY  
LITHIUM-ION-TITANIUM-BATTERIES**

**EXTREME BATTERY LIFE  
10 YEARS**

**EXTREME LUMINAIRE TEMPERATURE RANGE  
-20 °C TO +50 °C**



EXIT SIGN LUMINAIRES  
SAFETY LUMINAIRES  
EMERGENCY LIGHT SUPPLY MODULES  
WITH  
LITHIUM-ION-TITANIUM-BATTERIES

## FUNCTIONS

### Programmable operating time



1 h / 3 h / 8 h

### Programmable operating mode



maintained mode / non-maintained mode

### Integrated testing device



self-test AutoTest



remote test Logica (radio bus / cable bus)



## ADVANTAGES COMPARED WITH CENTRAL SUPPLY

**No battery room**

**No additional distributors** (also no functional integrity)

**No additional cables** (also no functional integrity)

**No divided luminaire circuits**

**No battery maintenance**

**Greater safety through decentralisation**

**[AUTOTEST]** Decentral testing device as stand-alone-system **integrated** in luminaire or supply device.

## IDEAL FOR SMALLER BUILDINGS AND WORK SITES

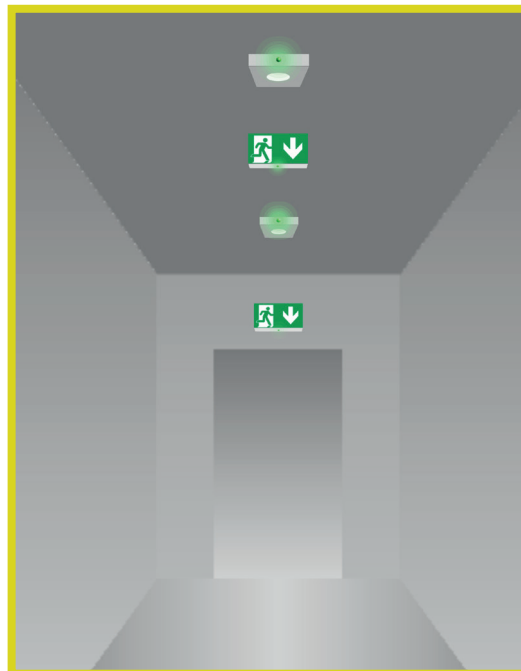
### FUNCTIONS

AUTO ✓ Automatic tests

✓  
✓  
✓ Decentral messages

~~✗~~ No integrated test book

~~✗~~ No programmable test parameters





Central testing device as master-slave-system **integrated** in a sub distribution **with interface** for communication over **radio bus** (ZigBee®-standard) or **cable bus** (DALI-standard).  
Optional interfaces for control and monitoring with **building management system**.

## IDEAL FOR LARGER BUILDINGS AND WORK SITES

### FUNCTIONS


**AUTO** ✓ Automatic tests

 Central messages


 Integrated test book

 Programmable test parameters

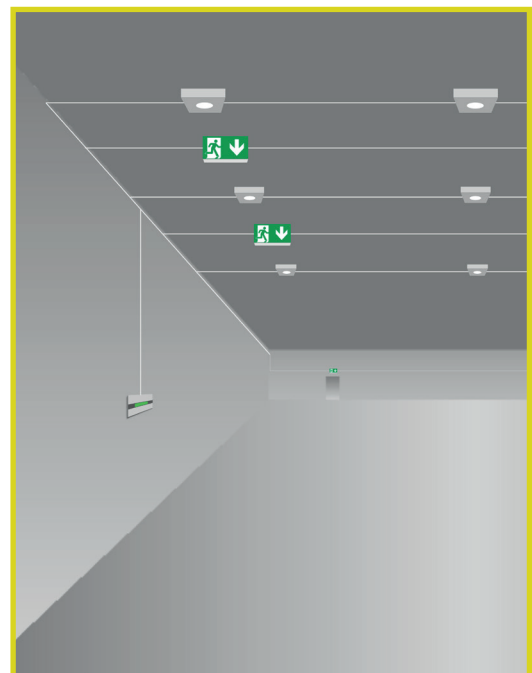
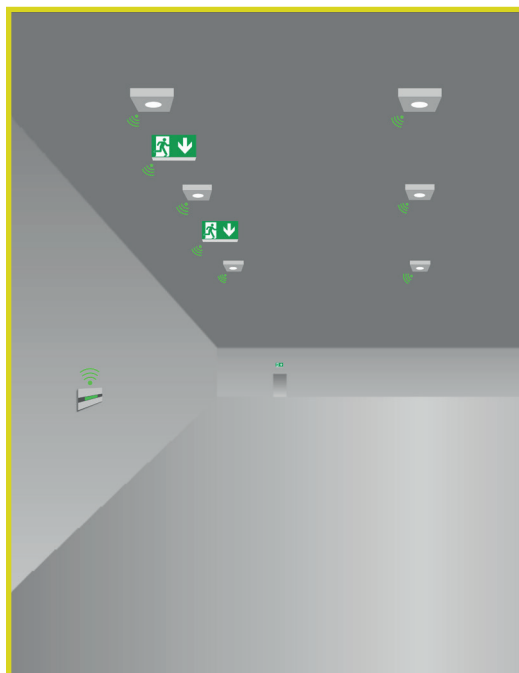
### FURTHER FUNCTIONS

 Programmable operating mode

 Programmable operating time

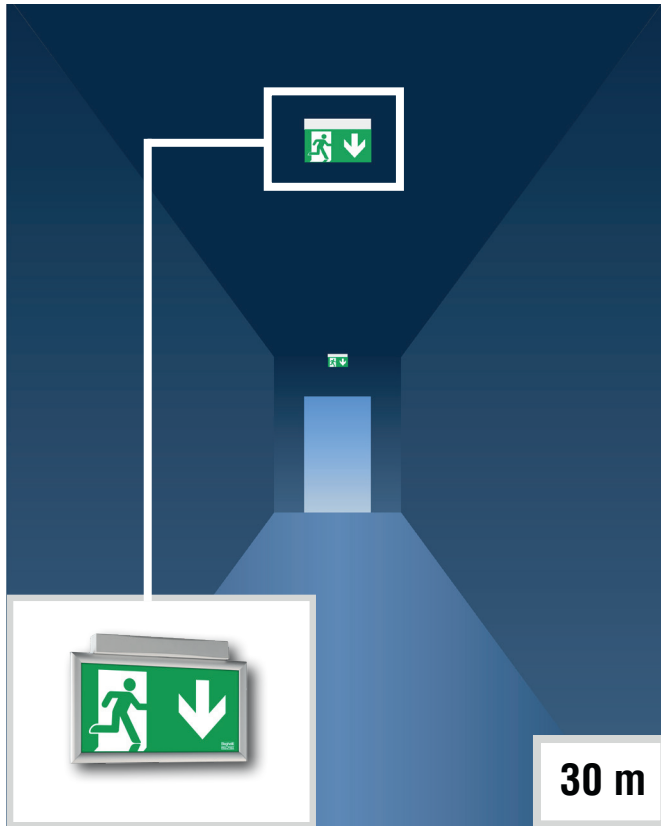
 Central switching

 Central dimming

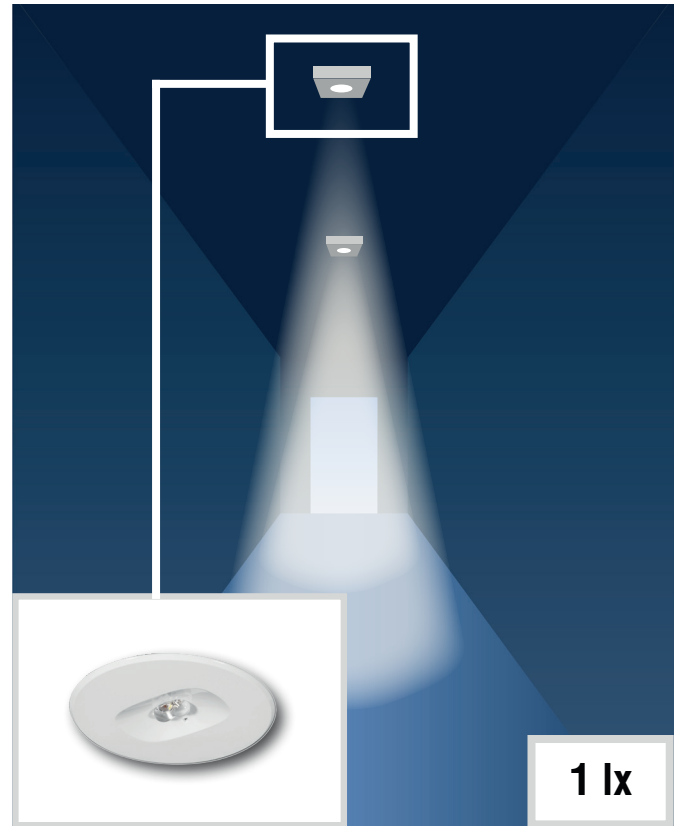


**EXIT SIGN LUMINAIRES**

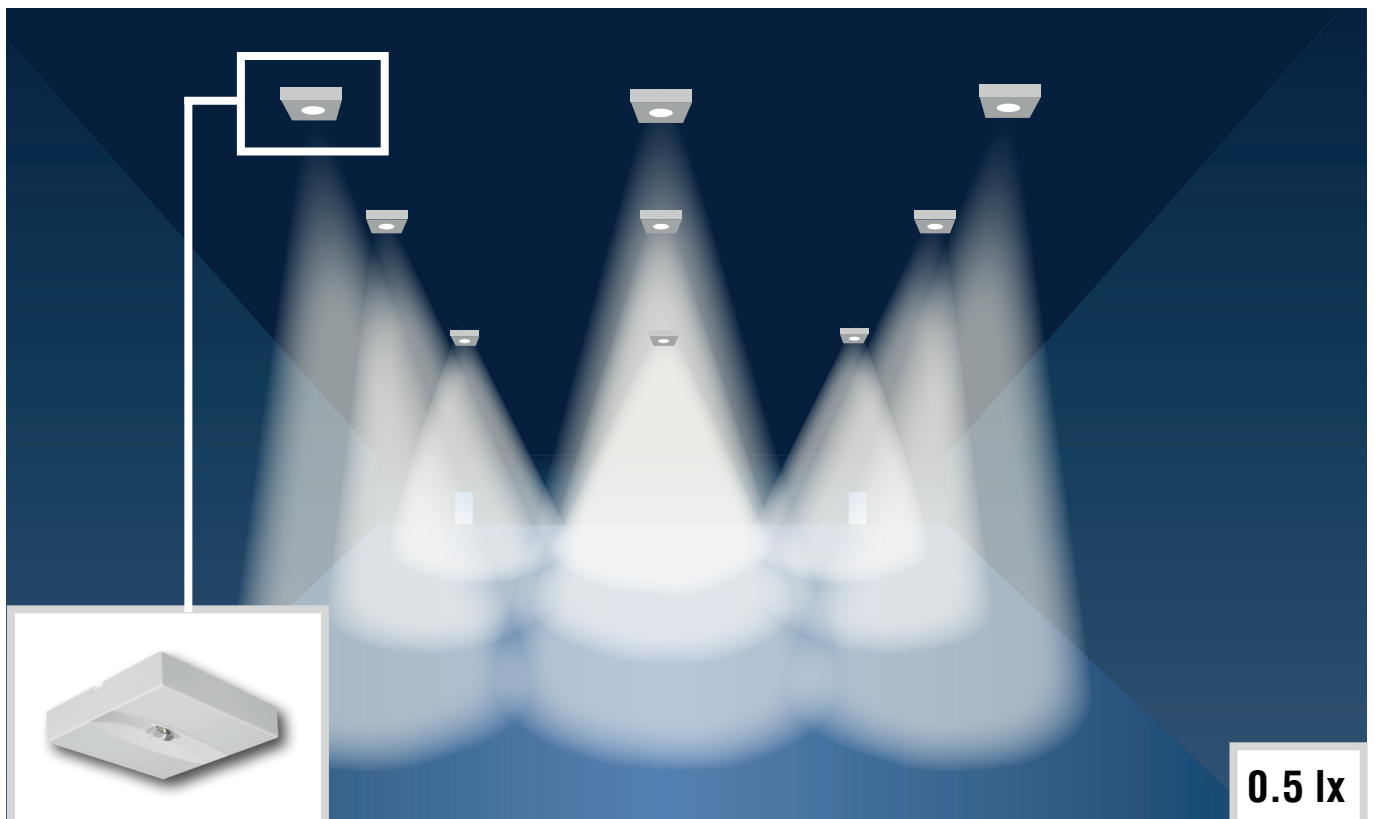
for marking of escape routes and emergency exits

**LUMINAIRES**

for illumination of escape routes

**LUMINAIRES**

for areas



## COMBINED LUMINAIRES

Combined exit sign and safety luminaires for marking and illumination



**Combination** of exit sign and safety luminaire in one luminaire

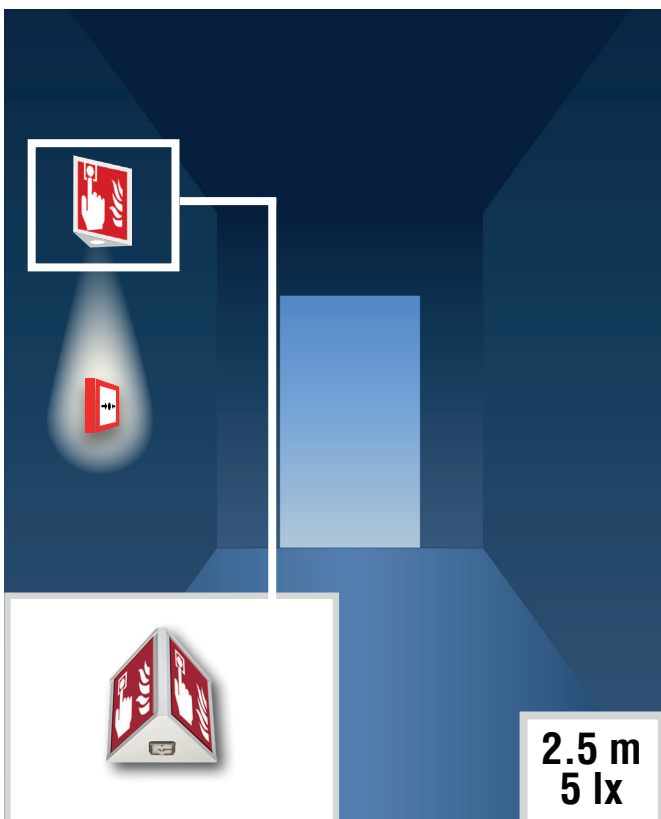
Ideal for **marking and illumination of exits and changes of direction**

Either for **marking and illumination of safety devices**

**Seperate switching** of both luminaires

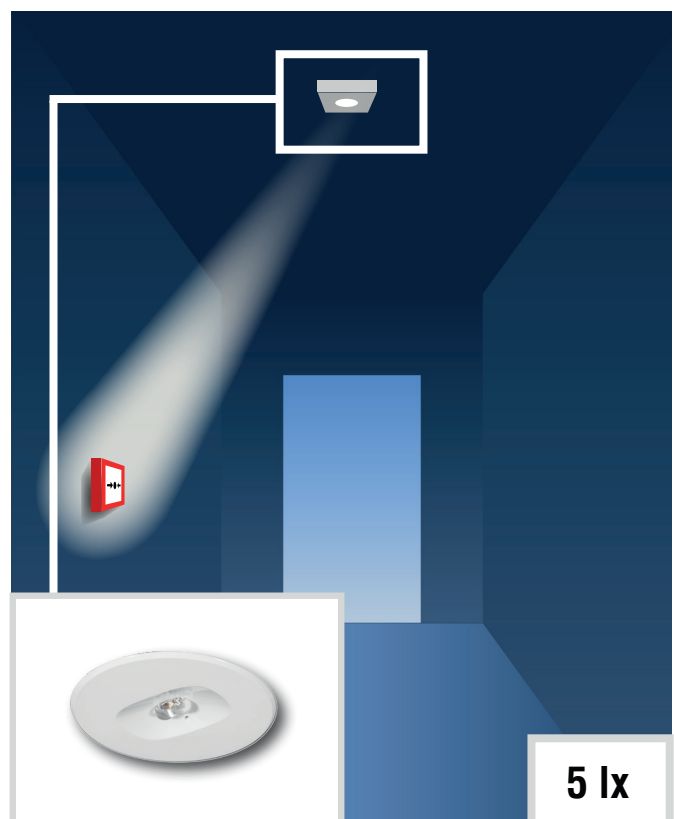
## COMBINED LUMINAIRES

Safety sign and safety luminaires for illumination of safety devices



## SAFETY LUMINAIRES

for illumination of safety devices





LUMINAIRES FOR INNOVATIVE  
DECENTRAL & CENTRAL SUPPLY  
SICURO24 & SICURO230

**INTEGRATED CONTROL DEVICE**  
FOR STATIC & DYNAMIC SWITCHING






**INTEGRATED TESTING DEVICES**  
FOR AUTOMATIC TESTS





EXIT SIGN LUMINAIRES  
 SAFETY LUMINAIRES  
 COMBINED EXIT SIGN AND SAFETY LUMINAIRES  
 COMBINED SAFETY SIGN AND SAFETY LUMINAIRES  
 FOR  
 DECENTRAL AND CENTRAL SUPPLY

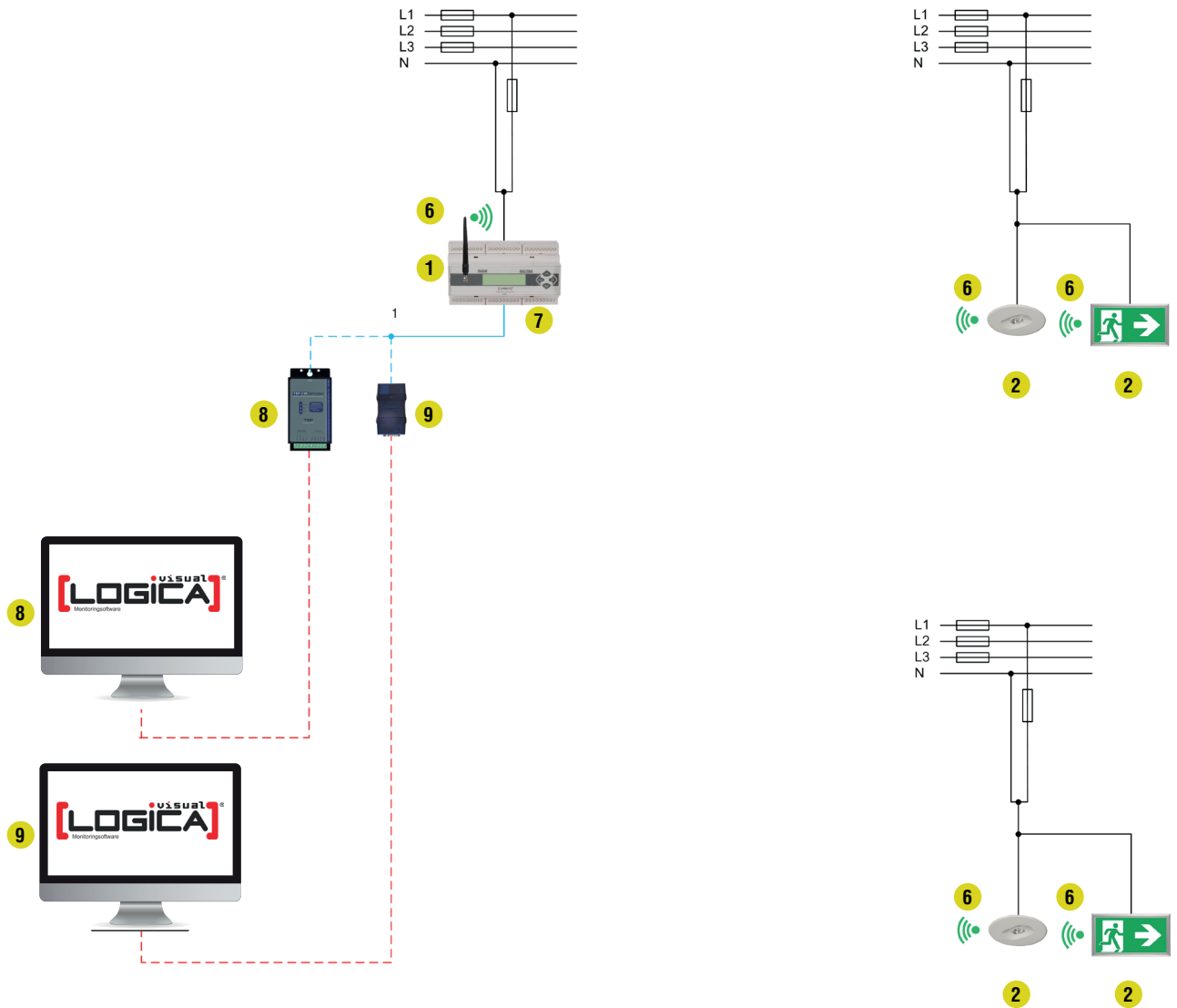
## FUNCTIONS

-  Single monitoring
-  Programmable operating modes
-  Combined operating modes
-  Automatic addressing with Sicuro24
-  Manual and automatic addressing with Sicuro230

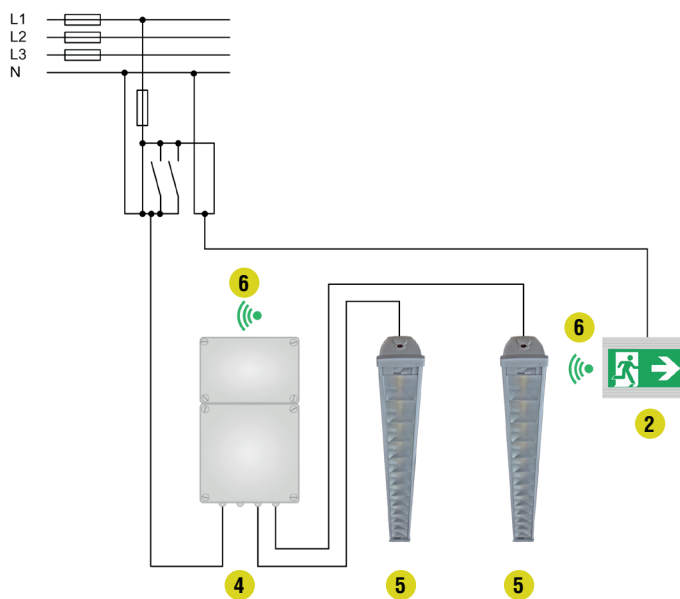
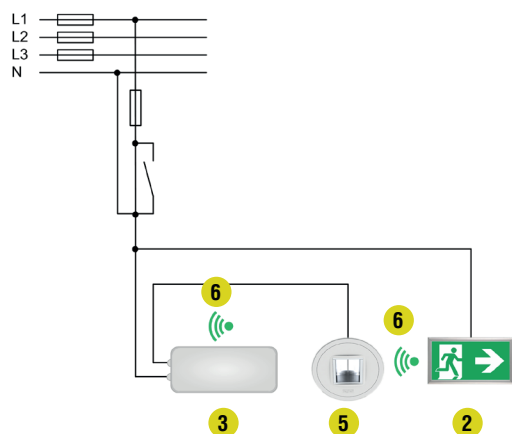
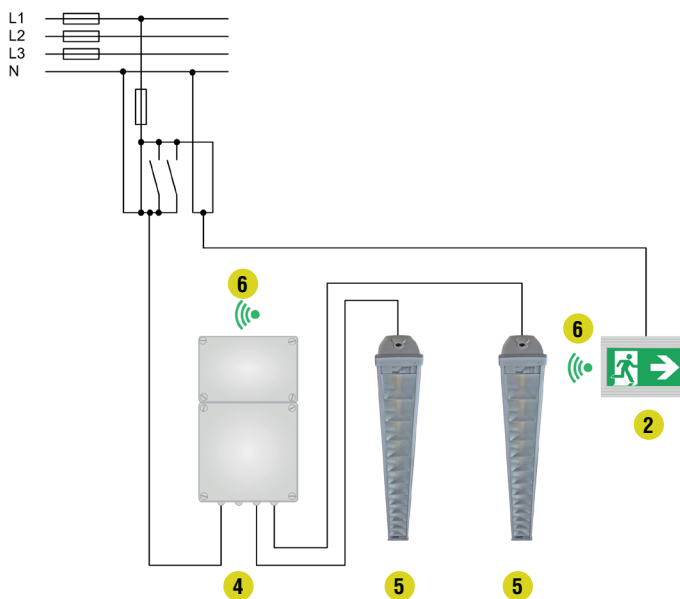
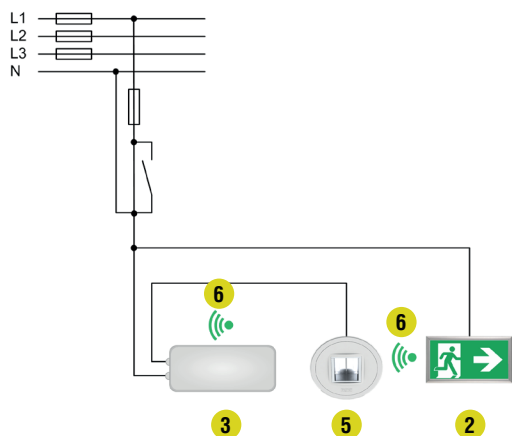


## ADVANTAGES

- Fire section- and building-related supply**
- Danger-dependend control** of escape route marking
- Danger-dependend control** of escape route illumination
- Choice of **automatic or manual addressing**
- Automatic addressing** for prevention of addressing failures



- 1 Testing device **Logica FM**
- 2 **Exit sign and safety luminaires** with Logica FM interface
- 3 **Supply module** with Logica FM interface
- 4 **Supply device** with Logica FM interface
- 5 **Combined general and safety luminaire**



- 6** **Logica FM interface** for max. 320 luminaires, modules and devices (radio bus: ZigBee®)
- 7** **RS485 bus** for USB and ethernet interface
- 8** **USB interface** for computer with software Logica Visual
- 9** **Ethernet interface** for computer with software Logica Visual

Distance: approx. 25 m between interface and interface



## TESTING DEVICE LOGICA FM

DIN EN 62034-compliant automatic testing device for monitoring and control of exit sign luminaires, safety luminaires, supply modules and supply units with single-battery supply and integrated Logica FM interface.

Communication between the testing device and max. 320 exit sign luminaires, safety luminaires, supply modules and supply units using the Logica FM interface via radio bus according to the ZigBee® standard. All Logica FM interfaces have an integrated repeater.

Automatic addressing of the exit sign luminaires, safety luminaires, supply modules and supply units.

### PROGRAMMING

- Test parameters (date/time/duration/cycle) for each system
- Free assignment of exit sign luminaires, emergency luminaires, supply modules, and supply units to the monitoring and control groups

### INTERFACES

RS485 interface for connection of

- USB interface
- Ethernet interface

RS232 interface for connection of

- Printer or modbus

### OPERATION

Operated on the automatic testing device or via a computer with the Logica Visual software (option) via USB interface or Ethernet interface (options).

**Input:** 4 buttons

**Output:** 1 display (2 x 16 characters)

### TECHNICAL DATA

<b>Mounting options:</b>	DIN rail
<b>Housing:</b>	Polycarbonate
<b>Degree of protection:</b>	IP20
<b>Protection class:</b>	II
<b>Dimensions (H x W x D):</b>	90 x 160 x 75 mm



### FUNCTIONS

#### MONITORING

- Automatic running of function tests and run time tests, either simultaneously or at different times for monitoring groups
- Manual running of function tests and run time tests for each exit sign luminaire, safety luminaire, supply module and supply unit, or monitoring group

#### CONTROL

- Manual switching (on / off) during mains operation for each exit sign luminaire, safety luminaire, supply module and supply unit or monitoring group
- Manual switching (on / off) during emergency operation for each exit sign luminaire, safety luminaire, supply module and supply unit or monitoring group

#### MESSAGE/SAVE

- Faults (lamp / battery / charging / communication failure) for each exit sign luminaire, safety luminaire, supply module and supply unit
- Results of function tests and run time tests for each exit sign luminaire, emergency safety luminaire, supply module and supply unit

#### INPUTS AND OUTPUTS

Free input/output of monitoring and control parameters and system data

- Run time 1 h, 3 h or 8 h for each exit sign luminaire and emergency luminaire and 1 h or 3 h for each supply module and supply unit
- Operating mode (continuous or standby operation) for each exit sign luminaire, emergency luminaire, supply module and supply unit



### LOGICA FM FOR DISTRIBUTOR INTEGRATION

**Housing:** Polycarbonate, grey (RAL 7035)  
**Dimensions (H x W x D):** 90 x 160 x 75 mm  
**Degree of protection:** IP20  
**Protection class:** II  
**Mounting options:** DIN rail  
**Power supply:** 198 V–254 V / 50 Hz  
**Ambient temperature:** 0 °C to 40 °C

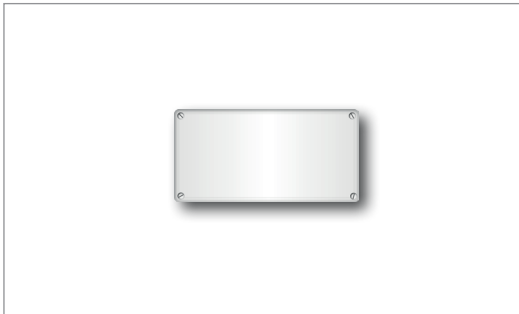
Order code	Description
16303	Version for distributor integration



### LOGICA FM FOR WALL MOUNTING with combined fault signalling module

**Housing:** Polystyrene, grey (RAL 7035)  
**Dimensions (H x W x D):** 458 x 295 x 130 mm  
**Degree of protection:** IP65  
**Protection class:** II  
**Mounting options:** Wall mounting  
**Power supply:** 198 V–254 V / 50 Hz  
**Ambient temperature:** 0 °C to 40 °C

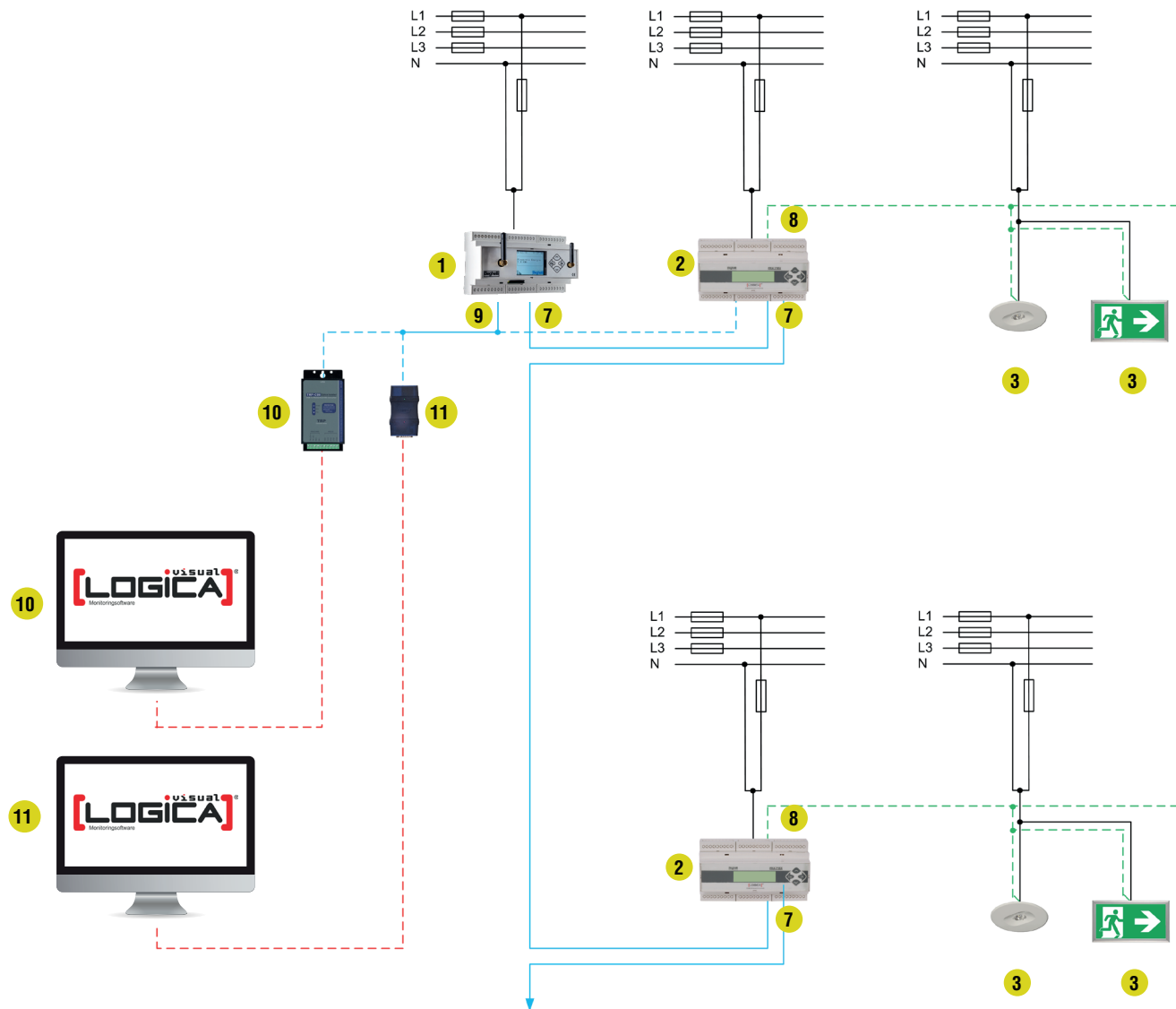
Order code	Description
16303-B	1 x Logica FM + 1 x fault signalling module



### FM-REPEATER Module for strengthening the radio signal

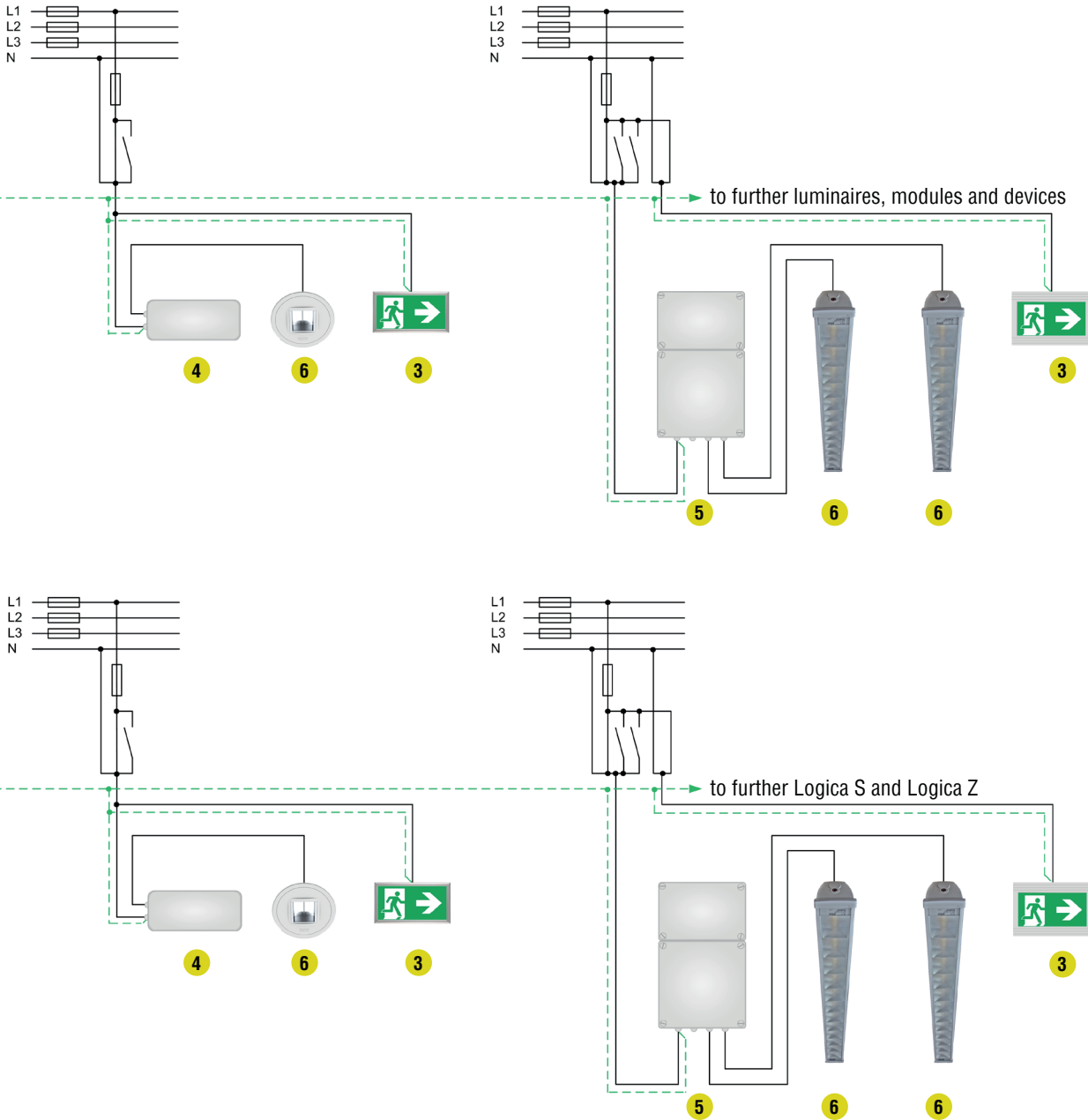
**Housing:** Polycarbonate, grey (RAL 7035)  
**Dimensions (H x W x D):** 80 x 160 x 60 mm  
**Degree of protection:** IP65  
**Protection class:** II  
**Mounting options:** Wall mounting or ceiling mounting  
**Power supply:** 198 V–254 V / 50 Hz  
**Ambient temperature:** 0 °C to 40 °C

Order code	Description
16321	FM-Repeater



- 1 Testing device **Logica Z**
- 2 Testing device **Logica S**
- 3 **Exit sign and safety luminaire** with Logica interface
- 4 **Supply module** with Logica interface
- 5 **Supply device** with Logica interface
- 6 **Combined general and safety luminaire**
- 7 **RS485-Interface** for max. 31 Logica S

Line bus:	min. 2 x 2 x 0.28 mm <sup>2</sup> , shielded
Length:	max. 1.000 m
Typology:	serial



**8 Logica-Interface** for max. 64 luminaires, modules and devices

Line bus: 2 x 0.5 mm<sup>2</sup>, length max. 150 m  
 2 x 1 mm<sup>2</sup>, length max. 300 m  
 2 x 1.5 mm<sup>2</sup>, length max. 500 m  
 Typology: serial or parallel

**9 RS485 interface** for USB- and ethernet interface

**10 USB interface** for computer with software Logica Visual

**11 Ethernet interface** for computer with software Logica Visual



## TESTING DEVICE LOGICA S AND LOGICA Z

DIN EN 62034-compliant automatic testing device for monitoring and control of exit sign luminaires, safety luminaires, supply modules and supply units with single battery supply and Logica FM interface.

Communication between the Logica S testing device and max. 64 exit sign luminaires, safety luminaires, supply modules and supply units using the Logica FM interface via a bus line according to the DALI standard.

Communication between the Logica Z testing device and max. 31 Logica S testing devices using a bus line via RS485 interfaces.

Automatic addressing of the exit sign luminaires, safety luminaires, supply modules and supply units.

### PROGRAMMING

- Test parameters (date, time, duration, cycle) for each system
- Free assignment of exit sign luminaires, emergency luminaires, supply modules and supply units to the monitoring and control groups

### INTERFACES

RS485 interface (Logica S and Logica Z) for connection of

- USB interface
- Ethernet interface

RS232 interface (Logica Z) for connection of

- Printer or modbus

### OPERATION

Operated on the automatic testing device or via a computer with the Logica Visual software (option) via USB interface or Ethernet interface (options).

**Input:** 4 buttons

**Output:** 1 display (2 x 16 characters)

### TECHNICAL DATA

<b>Mounting options:</b>	DIN rail
<b>Housing:</b>	Polycarbonate
<b>Degree of protection:</b>	IP20
<b>Protection class:</b>	II
<b>Dimensions (H x W x D):</b>	90 x 160 x 75 mm



### FUNCTIONS

#### MONITORING

- Automatic running of function tests and run time tests, either simultaneously or at different times, for monitoring groups
- Manual running of function tests and run time tests for each exit sign luminaire, safety luminaire, supply module and supply unit, or monitoring group

#### CONTROL

- Manual switching (on / off) during mains operation for each exit sign luminaire, safety luminaire, supply module and supply unit or monitoring group
- Manual switching (on / off) during emergency operation for each exit sign luminaire, safety luminaire, supply module and supply unit or monitoring group

#### MESSAGE (LOGICA S UND LOGICA Z) / SAVE (LOGICA Z)

- Faults (lamp / battery / charging / communication failure) for each exit sign luminaire, safety luminaire, supply module and supply unit
- Results of function tests and run time tests for each exit sign luminaire, safety luminaire, supply module and supply unit

#### INPUTS AND OUTPUTS

Free input/output of monitoring/control parameters and system data

- Run time 1 h, 3 h, or 8 h for each exit sign luminaire and emergency luminaire and 1 h or 3 h for each supply module and supply unit
- Operating mode (continuous or standby operation) for each exit sign luminaire, safety luminaire, supply module and supply unit





## LOGICA S + Z FOR DISTRIBUTOR INTEGRATION

**Housing:** Polycarbonate, grey (RAL 7035)  
**Dimensions (H x W x D):** 90 x 160 x 75 mm  
**Degree of protection:** IP20  
**Protection class:** II  
**Mounting options:** DIN rail  
**Power supply:** 198 V–254 V / 50 Hz  
**Ambient temperature:** 0 °C to 40 °C

**Order code**

<b>16300</b>	Logica S
<b>16305</b>	Logica Z



## LOGICA S FOR WALL MOUNTING

**Housing:** Polystyrene, grey (RAL 7035)  
**Dimensions (H x W x D):** 458 x 295 x 130 mm  
**Degree of protection:** IP65  
**Protection class:** II  
**Mounting options:** Wall mounting  
**Power supply:** 198 V–254 V / 50 Hz  
**Ambient temperature:** 0 °C to 40 °C

**Order code**

**Description**

<b>16300-B</b>	Logica S
----------------	----------



## LOGICA Z FOR WALL MOUNTING

**with combined  
fault signalling module**

**Housing:** Polystyrene, grey (RAL 7035)  
**Dimensions (H x W x D):** 458 x 295 x 130 mm  
**Degree of protection:** IP65  
**Protection class:** II  
**Mounting options:** Wall mounting  
**Power supply:** 198 V–254 V / 50 Hz  
**Ambient temperature:** 0 °C to 40 °C

**Order code**

**Description**

<b>16305-B</b>	1 x Logica Z + 1 x fault signalling module
----------------	--



## LOGICA S + Z FOR WALL MOUNTING

**with combined  
fault signalling module**

**Housing:** Polystyrene, grey (RAL 7035)  
**Dimensions (H x W x D):** 583 x 295 x 130 mm  
**Degree of protection:** IP65  
**Protection class:** II  
**Mounting options:** Wall mounting  
**Power supply:** 198 V–254 V / 50 Hz  
**Ambient temperature:** 0 °C to 40 °C

**Order code**

**Description**

<b>F90300</b>	1 x Logica S + 1 x Logica Z + 1 x fault signalling module
---------------	---



## COMBINED FAULT SIGNALLING MODULE

Module for external transmission of a combined fault.

<b>Signal output:</b>	Changeover contact, potential-free (250 V / 5 A)
<b>Housing:</b>	Polycarbonate, grey (RAL 7035)
<b>Dimensions (H x W x D):</b>	95 x 48 x 42 mm
<b>Degree of protection:</b>	IP20
<b>Protection class:</b>	II
<b>Mounting options:</b>	DIN rail
<b>Ambient temperature:</b>	0 °C to 40 °C

Order code	Description
G31305	Combined fault signalling module



## RS485-RS232 ETHERNET-INTERFACE

Module for indirect connection between a Logica FM, Logica Z or Logica S automatic testing device and a computer with the Logica Visual software via a network.

<b>Housing:</b>	Plastic
<b>Dimensions (H x W x D):</b>	30 x 87 x 56 mm
<b>Degree of protection:</b>	IP20
<b>Protection class:</b>	III
<b>Mounting options:</b>	DIN rail

Order code	Description
12135	RS485-RS232 / Ethernet-Interface



## RS485 / USB-INTERFACE

Module for communication between Logica FM, Logica Z or Logica S and a computer with the Logica Visual software via USB.

<b>Housing:</b>	Metal
<b>Dimensions (H x W x D):</b>	151 x 75 x 26 mm
<b>Degree of protection:</b>	IP20
<b>Protection class:</b>	III
<b>Mounting options:</b>	DIN rail

Order code	Description
16319	RS485-USB-Interface

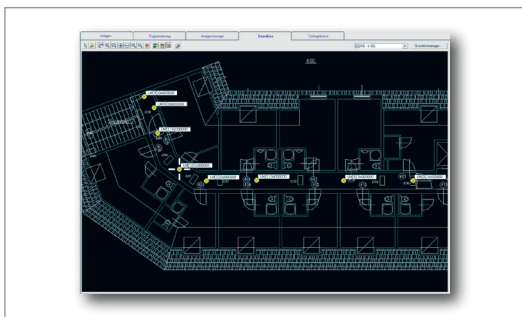


## PRINTER

Printer for connection to an automatic testing device Logica FM or Logica Z. Printout of fault messages and test results.

<b>Paper type:</b>	Thermopaper
<b>Housing:</b>	Plastic, black
<b>Dimensions (H x W x D):</b>	85 x 53 x 85 mm
<b>Degree of protection:</b>	IP20
<b>Protection class:</b>	I
<b>Mounting options:</b>	DIN rail

Order code	Description
16302	Printer



Order code	Description
SWB16311	Logica Visual

## LOGICA VISUAL Monitoring and control software

Software for centralised monitoring and control of complex emergency lighting systems with single battery supply, decentralised supply, or central supply.

### PROGRAMMING

**Version for Windows XP (32 / 64 Bit), Windows VISTA (32 / 64 Bit), Windows 7 (32 / 64 Bit) and Windows 8 (32 / 64 Bit), Windows 10 (32 / 64 Bit)**

- Import of floor plans as DXF/DWG file
- Textual and graphic allocation of all systems, circuits and luminaires and for all luminaires, supply units and supply modules
- System parameters for each system
- Test parameters for each system
- Operating mode for each circuit or luminaire (decentral and central supply)
- Circuitry for each circuit or luminaire (decentral and central supply), and for each exit sign luminaire, safety luminaire, supply module and supply unit (self-contained supply)
- Test parameters (date, time, duration, cycle) for each system
- Free assignment of exit sign luminaires, emergency luminaires, supply modules and supply units to the control groups (self-contained supply)
- Free allocation of the circuits and luminaires to monitoring and control modules for each system (decentral and central supply)
- 3 programmable time control views with 7 x 5 switching commands (continuous mode) for each system (decentral supply)

### FUNCTIONS

#### MONITORING

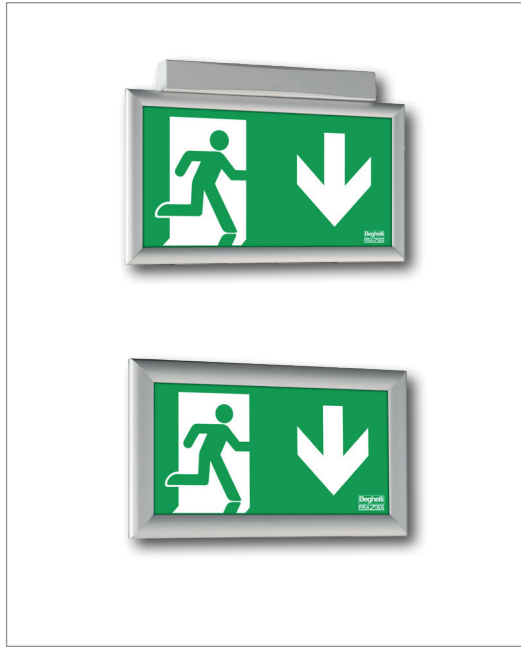
- Automatic or manual running of a function test
- Automatic or manual running of a run time test

#### CONTROL

- Manual switching (on / off) during mains operation for each exit sign luminaire, safety luminaire, supply module and supply unit or control group (self-contained supply)
- Manual dimming (7.5 to 100%) during mains operation for each exit sign luminaire, safety luminaire or control group (self-contained supply)
- Manual switching (on / off) of continuous mode during mains operation for each system (decentral and central supply)

#### MESSAGE

- Current status in online mode (operating status / operating mode / faults / tests) in graphical and numeric format for each luminaire (decentral and central supply) and for each exit sign luminaire, safety luminaire, supply module and supply unit (self-contained supply)
- Faults in online mode (lamp / communication failure) for each luminaire (central supply) and (lamp / battery / charge / communication failure) for each exit sign luminaire, emergency luminaire, supply module and supply unit (self-contained supply)
- Testing of the last 2 years for each system, decentral supply, central supply and self-contained supply



## PLURALUCE

**Flat design housing in sheet steel or Polycarbonatee and frame display with aluminium frame and integrated light guide panel made of opal plastic.** Homogeneous light distribution ensures optimal illumination of the exit sign. Single or double-sided escape route signage is provided thanks to exchangeable films.

Versions for surface mounting on walls, ceilings, or brackets, with equipment for recessed mounting on walls or ceilings or for wire or rod suspension

Version Sicuro24 also for recessed mounting on fire protection walls / fire protection ceilings of fire resistance class F30 or F90

### MOUNTING OPTIONS



### MOUNTING OPTIONS WITH EQUIPMENT



### TECHNICAL DATA

<b>Housing:</b>	Sheet steel, grey (RAL 7035) (wall) Polycarbonate, grey (RAL 7035) (ceiling, suspension, bracket suspension)	<b>Service life <math>L_{80}B_{50}</math>:</b>	50.000 h
<b>Frame:</b>	Aluminium, anodized	<b>Color stability:</b>	3 SDCM
<b>Display pane:</b>	Light guide panel		
<b>Film:</b>	Methacrylate, printed		
<b>Type of protection:</b>	IP40 (wall), IP41 (Ceiling, suspension, bracket suspension)		



### SELF-CONTAINED SUPPLY

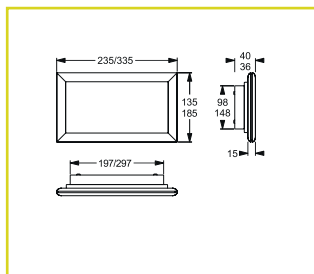
<b>Mains supply:</b> 198 V–254 V/50 Hz	<b>Ambient temperature:</b> Classic: 0 °C to +40 °C
<b>Specification:</b> Maintained or non-maintained mode	<b>Protection class:</b> I

### DECENTRAL SUPPLY

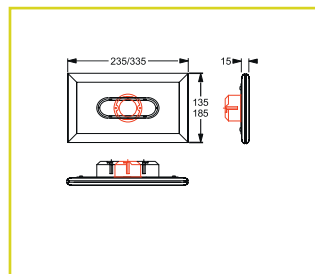
<b>Mains supply:</b> 24 V +/- 20% DC	<b>Ambient temperature:</b> -20 °C to +40 °C
<b>Battery supply:</b> 24 V +/- 20% DC	<b>Protection class:</b> III

### CENTRAL SUPPLY

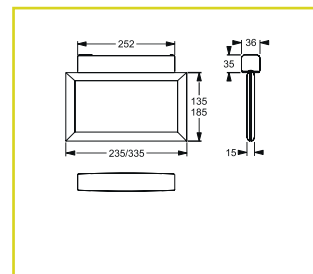
<b>Mains supply:</b> 198 V–254 V/50 Hz	<b>Ambient temperature:</b> -20 °C to +40 °C
<b>Battery supply:</b> 176 V–276 V	<b>Protection class:</b> I



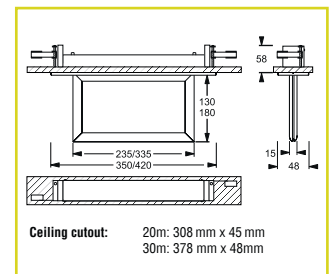
Surface wall mounting



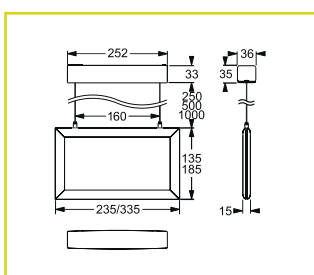
Surface wall mounting in mounting box



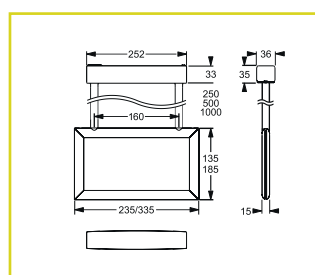
Surface ceiling mounting



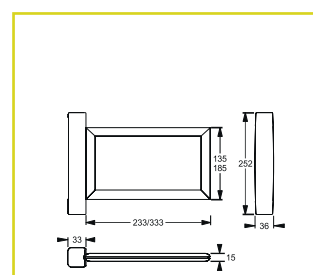
Recessed ceiling mounting



Wire suspension









Suspension rod






Bracket suspension





## CLASSIC SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code					Autotest		Logica	
Surface wall mounting / recessed wall mounting (single faced indication) <sup>1</sup>										
16707	16709	16711	20 m	16	1 h / 3 h	NiCd 7.2V / 0.75 Ah		NiMh 7.2V / 1.2 Ah		6 VA
16706	16708	16710	30 m	24	1 h / 3 h	NiCd 7.2V / 0.75 Ah		NiMh 7.2V / 1.2 Ah		7 VA
Surface ceiling mounting / recessed ceiling mounting, suspension, bracket suspension (double faced indication) <sup>2</sup>										
16701	16703	16705	20 m	32	1 h / 3 h	NiMh 7.2V / 0.6 Ah		NiMh 7.2V / 0.6 Ah		8 VA
16700	16702	16704	30 m	48	1 h / 3 h	NiMh 7.2V / 0.6 Ah		NiMh 7.2V / 0.6 Ah		10 VA

## SICURO LED DECENTRAL SUPPLY

Sicuro24 Order code			
Surface wall mounting / recessed wall mounting (single faced indication) <sup>1</sup>			
32035	20 m	16	1.7 W <sup>3</sup>
32034	30 m	24	2.2 W <sup>3</sup>
Surface ceiling mounting / recessed ceiling mounting, suspension, bracket suspension (double faced indication) <sup>2</sup>			
32033	20 m	32	2.9 W
32032	30 m	48	4.3 W

## SICURO LED CENTRAL SUPPLY



Sicuro230 Order code				
Surface wall mounting / recessed wall mounting (single faced indication) <sup>1</sup>				
31035	20 m	16	4.8 VA / 1.8 W	
31034	30 m	24	5.8 VA / 2.5 W	
Surface ceiling mounting / recessed ceiling mounting, suspension, bracket suspension (double faced indication) <sup>2</sup> <small>kennzeichnung</small> <sup>2</sup>				
31033	20 m	32	7.4 VA / 3.5 W	
31032	30 m	48	9.4 VA / 4.7 W	

<sup>1</sup> Recessed wall mounting requires an additional installation box according to DIN 49073 for concealed or hollow wall assembly (not supplied). F. i.: brand Kaiser, order no. 9062-02, 1056-04 resp. 1556-04 or 1656-02, 9063-01 resp. 9064-01, to be sourced locally


<sup>2</sup> For recessed ceiling mounting and suspension mounting, please order equipment separately

<sup>3</sup> Recessed ceiling mounting or mounting in fire ceilings with the fire resistance class F30 or F90 according to DIN 4102-4 requires an additional installation box F. i.: brand Kaiser, order no. 9463-01, 9463-02, 9464-01, 9464-02 resp. 1564-01 (wall) or 9463-50 resp. 9464-50 (ceiling), to be sourced locally

### Included in standard delivery

Order code	Description	
VD 20 m	VD 30 m	
16770	16779	Kit of exit sign films single faced indication 
16771	16780	Kit of exit sign films double faced indication 

### Please order exit sign equipment separately

Order code	Description	
VD 20 m	VD 30 m	
16772	16781	Exit sign film 
16773	16782	Exit sign film 
16774	16783	Exit sign film 
16775	16784	Exit sign film 
16776	16785	Exit sign film 
16777	16786	Exit sign film 
16778	16787	Exit sign film 

### Please order additional equipment separately

Order code	Description	
VD 20m	VD 30 m	
19384	19386	Recessed ceiling mounting set
19380	19380	Suspension rod, round, 250 mm
19381	19381	Suspension rod, round, 500 mm
19382	19382	Suspension rod, round, 2.000 mm
19383	19383	Wire suspension 1.200 mm
19385	19387	Concrete ceiling box



## PLEXI LED

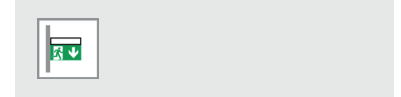
**Flat design housing in sheet steel and frameless display with integrated light guide panel made of clear plastic.** Homogeneous light distribution ensures optimal illumination of the exit sign. Single or double-sided escape route signage is provided thanks to exchangeable films.

Versions for surface wall mounting, surface ceiling mounting, recessed ceiling mounting, or wire suspension with cables and with equipment for

### MOUNTING OPTIONS



### MOUNTING OPTIONS WITH EQUIPMENT



### TECHNICAL DATA

**Housing:** Stainless steel, white (RAL 9003)  
**Display pane:** Light guide panel  
**Film:** Methacrylate, printed

**Service life  $L_{80}B_{50}$ :** 50.000 h  
**Color stability:** 3 SDCM



### SELF-CONTAINED SUPPLY

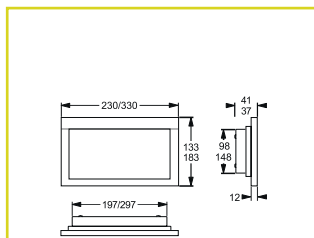
**Mains supply:** 198 V–254 V/50 Hz  
**Specification:** Maintained or non-maintained mode  
**Ambient temperature:** LTO: -20 °C to +50 °C  
 Classic: 0 °C to +40 °C  
**Protection class:** I

### DECENTRAL SUPPLY

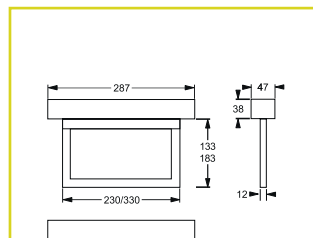
**Battery supply:** 24 V +/- 20% DC  
**Mains supply:** 24 V +/- 20% DC  
**Ambient temperature:** -20 °C to +40 °C  
**Protection class:** III

### CENTRAL SUPPLY

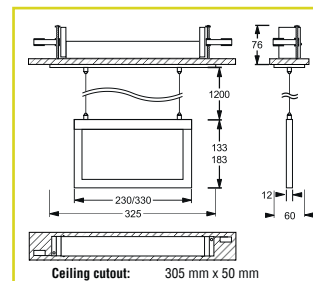
**Battery supply:** 176 V–276 V  
**Mains supply:** 198 V–254 V/50 Hz  
**Ambient temperature:** -20 °C to +40 °C  
**Protection class:** I



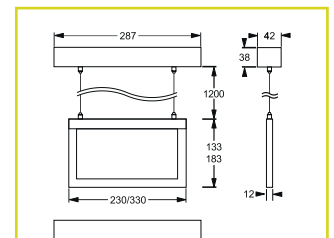
Surface wall mounting



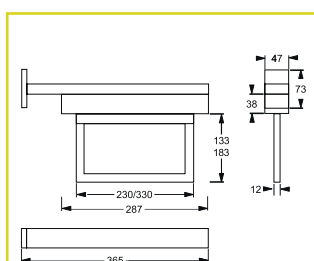
Surface ceiling mounting



Recessed ceiling mounting



Wire suspension



Bracket suspension



## SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code					
Surface wall mounting (single faced indication)							
37150	37151	37152	20 m	32	1 h / 3 h / 8 h	2 x LTO 7.2 V / 0.5 Ah	4.85 VA
37153	37154	37155	30 m	48	1 h / 3 h / 8 h	2 x LTO 7.2 V / 0.5 Ah	4.85 VA
Surface ceiling mounting, bracket suspension (double faced indication) <sup>1</sup>							
37144	37145	37146	20 m	32	1 h / 3 h / 8 h	2 x LTO 7.2 V / 0.5 Ah	4.85 VA
37147	37148	37149	30 m	48	1 h / 3 h / 8 h	2 x LTO 7.2 V / 0.5 Ah	4.85 VA
Recessed ceiling mounting (double faced indication)							
37138	37139	37140	20 m	32	1 h / 3 h / 8 h	2 x LTO 7.2 V / 0.5 Ah	4.85 VA
37141	37142	37143	30 m	48	1 h / 3 h / 8 h	2 x LTO 7.2 V / 0.5 Ah	4.85 VA
Wire suspension (double faced indication)							
37132	37133	37134	20 m	32	1 h / 3 h / 8 h	2 x LTO 7.2 V / 0.5 Ah	4.85 VA
37135	37136	37137	30 m	48	1 h / 3 h / 8 h	2 x LTO 7.2 V / 0.5 Ah	4.85 VA

## CLASSIC SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code					Autotest	Logica	
Surface wall mounting (single faced indication)									
36194	36195	36196	20 m	32	1 h / 3 h	NiMh 7.2V / 1.2 Ah	NiMh 7.2V / 1.2 Ah	NiMh 7.2V / 1.2 Ah	8 VA
36197	36198	36199	30 m	48	1 h / 3 h	NiMh 7.2V / 1.2 Ah	NiMh 7.2V / 1.2 Ah	NiMh 7.2V / 1.2 Ah	10 VA
Surface ceiling mounting, bracket suspension (double faced indication) <sup>1</sup>									
36188	36189	36190	20 m	32	1 h / 3 h	NiMh 7.2V / 1.2 Ah	NiMh 7.2V / 1.2 Ah	NiMh 7.2V / 1.2 Ah	8 VA
36191	36192	36193	30 m	48	1 h / 3 h	NiMh 7.2V / 1.2 Ah	NiMh 7.2V / 1.2 Ah	NiMh 7.2V / 1.2 Ah	10 VA
Recessed ceiling mounting (double faced indication)									
36182	36183	36184	20 m	32	1 h / 3 h	NiMh 7.2V / 1.2 Ah	NiMh 7.2V / 1.2 Ah	NiMh 7.2V / 1.2 Ah	8 VA
36185	36186	36187	30 m	48	1 h / 3 h	NiMh 7.2V / 1.2 Ah	NiMh 7.2V / 1.2 Ah	NiMh 7.2V / 1.2 Ah	10 VA
Wire suspension (double faced indication)									
36176	36177	36178	20 m	32	1 h / 3 h	NiMh 7.2V / 1.2 Ah	NiMh 7.2V / 1.2 Ah	NiMh 7.2V / 1.2 Ah	8 VA
36179	36180	36181	30 m	48	1 h / 3 h	NiMh 7.2V / 1.2 Ah	NiMh 7.2V / 1.2 Ah	NiMh 7.2V / 1.2 Ah	10 VA



## DECENTRAL SUPPLY

Sicuro24 Order code			
Surface wall mounting (single faced indication)			
32081	20 m	32	2.9 W
32082	30 m	48	4.3 W
Surface ceiling mounting, bracket suspension (double faced indication) <sup>1</sup>			
32079	20 m	32	2.9 W
32080	30 m	48	4.3 W
Recessed ceiling mounting (double faced indication)			
32077	20 m	32	2.9 W
32078	30 m	48	4.3 W
Wire suspension (double faced indication)			
32075	20 m	32	2.9 W
32076	30 m	48	4.3 W



## CENTRAL SUPPLY

Sicuro230 Order code				
Surface wall mounting (single faced indication)				
31110	20 m	32	7.4 VA / 3.5 W	
31111	30 m	48	9.4 VA / 4.7 W	
Surface ceiling mounting, bracket suspension (double faced indication) <sup>1</sup>				
31108	20 m	32	7.4 VA / 3.5 W	
31109	30 m	48	9.4 VA / 4.7 W	
Recessed ceiling mounting (double faced indication)				
31106	20 m	32	7.4 VA / 3.5 W	
31107	30 m	48	9.4 VA / 4.7 W	
Wire suspension (double faced indication)				
31104	20 m	32	7.4 VA / 3.5 W	
31105	30 m	48	9.4 VA / 4.7 W	

<sup>1</sup> For bracket suspension, please order equipment separately

### Please order exit sign equipment separately

Order code	Description	
VD 20 m	VD 30 m	
16772	16781	Exit sign film
16773	16782	Exit sign film
16774	16783	Exit sign film
16775	16784	Exit sign film
16776	16785	Exit sign film
16777	16786	Exit sign film
16778	16787	Exit sign film

### Included in standard delivery

Order code	Description	
VD 20 m		
16770	Kit of exit sign films single faced indication	
16771	Kit of exit sign films double faced indication	



## DISPOS EVO

**Square design housing made of sheet steel or stainless sheet steel in universal versions.** Single or double-sided escape route signage is provided thanks to exchangeable display inserts.

Versions for surface wall mounting or surface ceiling mounting, or with equipment for recessed wall mounting, wire or rod suspension, or mounting on brackets

### MOUNTING OPTIONS



### MOUNTING OPTIONS WITH EQUIPMENT



### TECHNICAL DATA

<b>Housing:</b>	Sheet steel, white (RAL 9003) Stainless steel (V2A)
<b>Blende:</b>	Sheet steel, white (RAL 9003) Stainless steel (V2A)
<b>Display pane:</b>	Methacrylate, printed

<b>Service life <math>L_{80}P_{50}</math>:</b>	50.000 h
<b>Color stability:</b>	3 SDCM



### SELF-CONTAINED SUPPLY

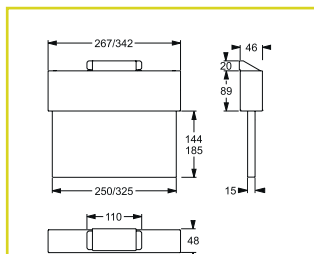
<b>Mains supply:</b>	198 V–254 V/50 Hz
<b>Specification:</b>	Maintained or non-maintained mode
<b>Ambient temperature:</b>	LTO: -20 °C to +50 °C Classic: 0 °C to +40 °C
<b>Protection class:</b>	I

### DECENTRAL SUPPLY

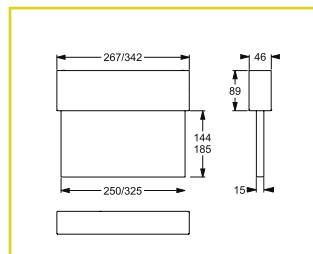
<b>Battery supply:</b>	24 V +/- 20% DC
<b>Mains supply:</b>	24 V +/- 20% DC
<b>Ambient temperature:</b>	-20 °C to +40 °C
<b>Protection class:</b>	III

### CENTRAL SUPPLY

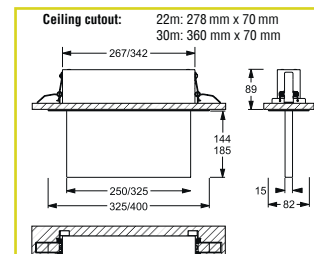
<b>Battery supply:</b>	176 V–276 V
<b>Mains supply:</b>	198 V–254 V/50 Hz
<b>Ambient temperature:</b>	-20 °C to +40 °C
<b>Protection class:</b>	I



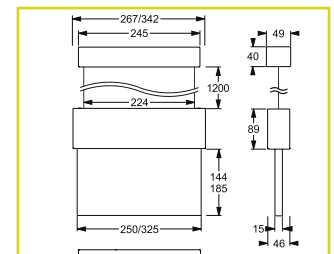
Surface wall mounting



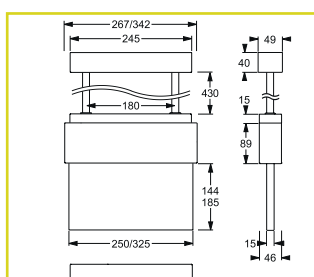
Surface ceiling mounting



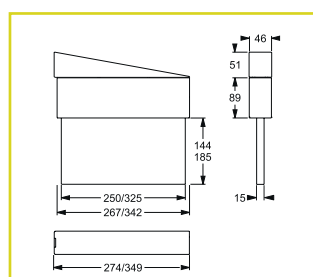
Recessed ceiling mounting



Wire suspension



Suspension rod



Bracket suspension





## SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code					
Surface wall mounting (single faced indication), surface or recessed ceiling mounting, wire and rod suspension, bracket suspension (double faced indication) <sup>1</sup>							
<b>37000</b>	<b>37001</b>	<b>37002</b>	22 m	24	1 h / 3 h / 8 h	2 x LTO 7.2 V / 0.5 Ah	4.85 VA
<b>37006</b>	<b>37007</b>	<b>37008</b>	30 m	48	1 h / 3 h / 8 h	2 x LTO 7.2 V / 0.5 Ah	4.85 VA
Stainless steel V2A							
Surface wall mounting (single faced indication), surface or recessed ceiling mounting, wire and rod suspension, bracket suspension (double faced indication) <sup>1</sup>							
<b>37003</b>	<b>37004</b>	<b>37005</b>	22 m	24	1 h / 3 h / 8 h	2 x LTO 7.2 V / 0.5 Ah	4.85 VA
<b>37009</b>	<b>37010</b>	<b>37011</b>	30 m	48	1 h / 3 h / 8 h	2 x LTO 7.2 V / 0.5 Ah	4.85 VA

## CLASSIC SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code						
Surface wall mounting (single faced indication), surface or recessed ceiling mounting, wire and rod suspension, bracket suspension (double faced indication) <sup>1</sup>								
<b>36000</b>	<b>36001</b>	<b>36002</b>	22 m	24	1 h / 3 h	NiMh 7.2V / 0.6 Ah	NiMh 7.2V / 1.2 Ah	7 VA
<b>36006</b>	<b>36007</b>	<b>36008</b>	30 m	48	1 h / 3 h	NiMh 7.2V / 0.6 Ah	NiMh 7.2V / 1.2 Ah	10 VA
Stainless steel V2A								
Surface wall mounting (single faced indication), surface or recessed ceiling mounting, wire and rod suspension, bracket suspension (double faced indication) <sup>1</sup>								
<b>36003</b>	<b>36004</b>	<b>36005</b>	22 m	24	1 h / 3 h	NiMh 7.2V / 0.6 Ah	NiMh 7.2V / 1.2 Ah	7 VA
<b>36009</b>	<b>36010</b>	<b>36011</b>	30 m	48	1 h / 3 h	NiMh 7.2V / 0.6 Ah	NiMh 7.2V / 1.2 Ah	10 VA

## SICURO<sup>®</sup> DECENTRAL SUPPLY

Sicuro24 Order code			
Surface wall mounting (single faced indication), surface or recessed ceiling mounting, wire and rod suspension, bracket suspension (double faced indication) <sup>1</sup>			
<b>32000</b>	22 m	24	2.2 W
<b>32002</b>	30 m	48	4.3 W
Stainless steel V2A			
Surface wall mounting (single faced indication), surface or recessed ceiling mounting, wire and rod suspension, bracket suspension (double faced indication) <sup>1</sup>			
<b>32001</b>	22 m	24	2.2 W
<b>32003</b>	30 m	48	4.3 W

## SICURO<sup>®</sup> CENTRAL SUPPLY

Sicuro230 Order code				
Surface wall mounting (single faced indication), surface or recessed ceiling mounting, wire and rod suspension, bracket suspension (double faced indication) <sup>1</sup>				
<b>31000</b>	22 m	24	5.8 VA / 2.5 W	
<b>31002</b>	30 m	48	9.4 VA / 4.7 W	
Stainless steel V2A				
Surface wall mounting (single faced indication), surface or recessed ceiling mounting, wire and rod suspension, bracket suspension (double faced indication) <sup>1</sup>				
<b>31001</b>	22 m	24	5.8 VA / 2.5 W	
<b>31003</b>	30 m	48	9.4 VA / 4.7 W	

<sup>1</sup> For recessed ceiling mounting, wire and rod suspension, please order equipment separately

### Please order exit sign equipment separately

Order code	Description	
<b>VD 22 m</b>	<b>VD 30 m</b>	
<b>E16260M</b>	<b>E16128M</b>	Exit sign pane
<b>E16262</b>	<b>E16130</b>	Exit sign pane
<b>E16261</b>	<b>E16129</b>	Exit sign pane
<b>E16310M</b>	<b>E16318M</b>	Exit sign pane (double faced)
<b>E16311M</b>	<b>E16319M</b>	Exit sign pane (double faced)
<b>E16263M</b>	<b>E16132M</b>	Exit sign pane
<b>E16312M</b>	<b>E16320M</b>	Exit sign pane
<b>E16313M</b>	<b>E16321M</b>	Exit sign pane
	<b>E16435</b>	Safety sign fire extinguisher
	<b>E16436</b>	Safety sign extinguisher hose
	<b>E16437</b>	Safety sign fire detector

### Included in standard delivery

VD 22 m	VD 30 m	Description
<b>F95951</b>	<b>F95951</b>	Adapter for wall mounting, white
<b>F95958</b>	<b>F95958</b>	Adapter for wall mounting, V2A

### Please order additional equipment separately

Order code	Description	
<b>VD 22 m</b>	<b>VD 30 m</b>	
<b>F95947</b>	<b>F95948</b>	Recessed ceiling mounting set, white
<b>F95954</b>	<b>F95955</b>	Recessed ceiling mounting set, V2A
<b>F95946</b>	<b>F95946</b>	Wire suspension, max. 1.200 mm, white
<b>F95953</b>	<b>F95953</b>	Wire suspension, max. 1.200 mm, V2A
<b>F95949</b>	<b>F95950</b>	Bracket suspension, white
<b>F95956</b>	<b>F95957</b>	Bracket suspension, V2A
<b>F95945</b>	<b>F95945</b>	Suspension rod, round, 500 mm, white
<b>F95952</b>	<b>F95952</b>	Suspension rod, round, 500 mm, V2A
<b>F95959</b>	<b>F95960</b>	Concrete ceiling box



## MULTI-D

**Square design housing made of sheet steel in universal versions.** Suitable for all variations of mounting. Single or double faced escape route marking by exchangeable pane.

Versions available für wall mounting (single faced), recessed / ceiling mounting, pendant and bracket mounting (double faced)

### MOUNTING OPTIONS



### MOUNTING OPTIONS WITH EQUIPMENT



### TECHNICAL DATA

**Housing:** Sheet steel, grey (RAL 9006)  
**Blende:** Sheet steel, grey (RAL 9006)  
**Display pane:** Methacrylate  
**Film:** Methacrylate, printed

**Service life  $L_{80} B_{50}$ :** 50.000 h  
**Color stability:** 3 SDCM



### SELF-CONTAINED SUPPLY

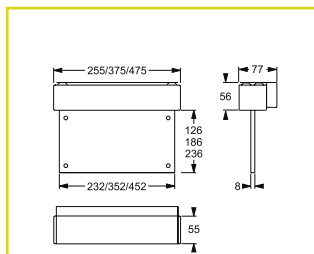
**Mains supply:** 198 V–254 V/50 Hz  
**Specification:** Maintained or non-maintained mode  
**Ambient temperature:** Classic: 0 °C to +40 °C  
**Protection class:** I

### DECENTRAL SUPPLY

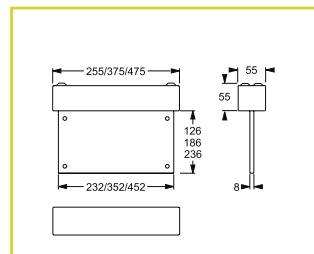
**Battery supply:** 24 V +/- 20% DC  
**Mains supply:** 24 V +/- 20% DC  
**Ambient temperature:** -20 °C to +40 °C  
**Protection class:** III

### CENTRAL SUPPLY

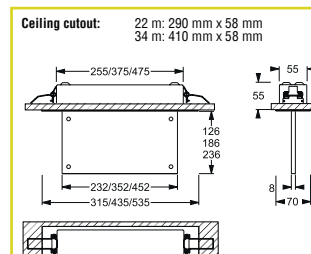
**Battery supply:** 176 V–254 V  
**Mains supply:** 198 V–254 V/50 Hz  
**Ambient temperature:** -20 °C to +40 °C  
**Protection class:** I



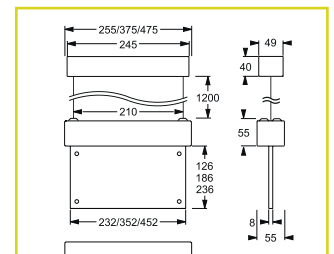
Surface wall mounting



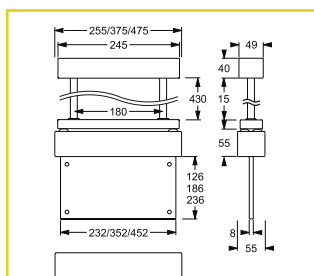
Surface ceiling mounting



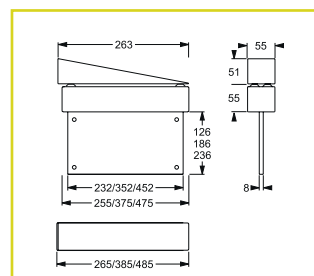
Recessed ceiling mounting



Wire suspension









Suspension rod






Bracket suspension





## CLASSIC SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code	 VD	 LED	 t	 Autotest	 Logica	 S~
Surface wall mounting (single faced indication), surface or recessed ceiling mounting, wire and rod suspension, bracket suspension (double faced indication) <sup>1</sup>								
36238	36239	36240	22 m	24	1 h / 3 h	NiMh 7.2V / 0.6 Ah	NiMh 7.2V / 1.2 Ah	7 VA
36241	36242	36243	34 m	32	1 h / 3 h	NiMh 7.2V / 0.6 Ah	NiMh 7.2V / 1.2 Ah	8 VA
36244	36245	36246	44 m	48	1 h / 3 h	NiMh 7.2V / 0.6 Ah	NiMh 7.2V / 1.2 Ah	10 VA

## SICURO<sup>LED</sup> DECENTRAL SUPPLY

Sicuro24 Order code	 VD	 LED	 P=
Surface wall mounting (single faced indication), surface or recessed ceiling mounting, wire and rod suspension, bracket suspension (double faced indication) <sup>1</sup>			
32098	22 m	24	2.2 W
32099	34 m	32	4.9 W
32100	44 m	48	4.3 W


## SICURO<sup>LED</sup> CENTRAL SUPPLY

Sicuro230 Order code	 VD	 LED	 S~	 P=
Surface wall mounting (single faced indication), surface or recessed ceiling mounting, wire and rod suspension, bracket suspension (double faced indication) <sup>1</sup>				
31151	22 m	24	5.8 VA / 2.5 W	
31152	34 m	32	7.4 VA / 3.5 W	
31153	44 m	48	9.4 VA / 4.7 W	

### Please order mounting equipment separately

Order code			Description
VD 22 m	VD 34 m	VD 44 m	
F95902	F95903	F95904	Recessed ceiling mounting set
F95905	F95905	F95905	Wire suspension, adjustable length 1.200 mm
F95901	F95901	F95901	Bracket suspension
F95906	F95906	F95906	Suspension rod, round, length 500 mm
F95914	F95915		Concrete ceiling box
F95917	F95918	F95191	Cable cover, white
F95920	F95921	F95922	Cable cover, V2A

### Included in standard delivery

Order code			Description
VD 22 m	VD 34 m	VD 44 m	
E16500M	E16501M	E16502M	Kit of exit sign films 
F95900	F95900	F95900	Adapter for wall mounting

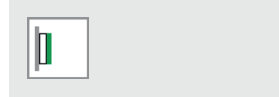


## ALU-K

**Housing made of flat aluminium profiles with angular contours.** Additional light output in the case of wall mounting. Single or double-sided escape route signage is provided thanks to exchangeable inserts.

Versions for wall mounting or with equipment for ceiling mounting or wire or rod suspension mounting, or mounting on brackets

### MOUNTING OPTIONS



### MOUNTING OPTIONS WITH EQUIPMENT



## TECHNICAL DATA

**Housing:** Aluminium, anodized  
**Display pane:** Methacrylate, printed

**Service life  $L_{80P_{50}}$ :** 50.000 h  
**Color stability:** 3 SDCM



### SELF-CONTAINED SUPPLY

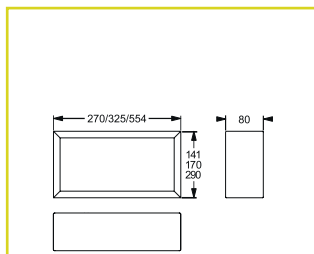
**Mains supply:** 198 V–254 V/50 Hz  
**Ambient temperature:** LTO: -20 °C to +50 °C  
 Classic: 0 °C to +40 °C  
**Specification:** Maintained or non-maintained mode  
**Protection class:** I

### DECENTRAL SUPPLY

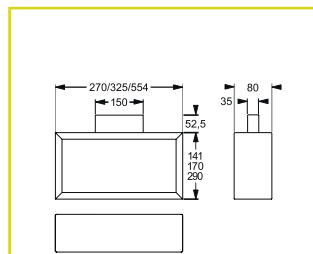
**Battery supply:** 24 V +/- 20% DC  
**Ambient temperature:** -20 °C to +40 °C  
**Mains supply:** 24 V +/- 20% DC  
**Protection class:** III

### CENTRAL SUPPLY

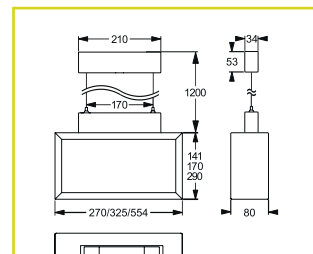
**Battery supply:** 176 V–276 V  
**Ambient temperature:** -20 °C to +40 °C  
**Mains supply:** 198 V–254 V/50 Hz  
**Protection class:** I



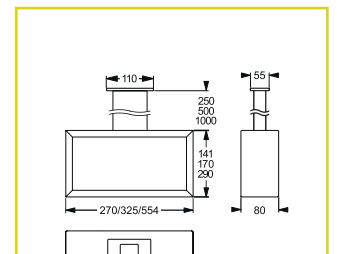
Surface wall mounting



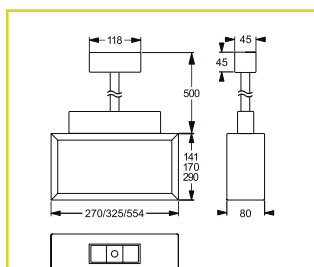
Surface ceiling mounting



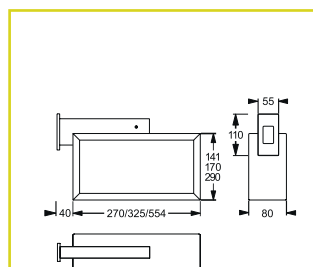
Wire suspension



Suspension rod rectangular



Suspension rod round



Bracket suspension



## SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code					
Surface wall mounting (single faced indication)							
37033	37034	37035	24 m	24	1 h / 3 h / 8 h	2 x LTO 7.2 V / 0.5 Ah	4.85 VA
37036	37037	37038	30 m	32	1 h / 3 h / 8 h	2 x LTO 7.2 V / 0.5 Ah	4.85 VA
37039	37040	37041	53 m	48	1 h / 3 h / 8 h	2 x LTO 7.2 V / 0.5 Ah	4.85 VA
Surface ceiling mounting, suspension, bracket suspension (double faced indication) <sup>1</sup>							
37042	37043	37044	24 m	24	1 h / 3 h / 8 h	2 x LTO 7.2 V / 0.5 Ah	4.85 VA
37045	37046	37047	30 m	32	1 h / 3 h / 8 h	2 x LTO 7.2 V / 0.5 Ah	4.85 VA
37048	37049	37050	53 m	48	1 h / 3 h / 8 h	2 x LTO 7.2 V / 0.5 Ah	4.85 VA

## CLASSIC SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code						
Surface wall mounting (single faced indication)								
36033	36034	36035	24 m	24	1 h / 3 h	NiMh 7.2V / 0.6 Ah	NiMh 7.2V / 1.2 Ah	7 VA
36036	36037	36038	30 m	32	1 h / 3 h	NiMh 7.2V / 0.6 Ah	NiMh 7.2V / 1.2 Ah	10 VA
36039	36040	36041	53 m	48	1 h / 3 h	NiMh 7.2V / 0.6 Ah	NiMh 7.2V / 1.2 Ah	10 VA
Surface ceiling mounting, suspension, bracket suspension (double faced indication) <sup>1</sup>								
36042	36043	36044	24 m	24	1 h / 3 h	NiMh 7.2V / 0.6 Ah	NiMh 7.2V / 1.2 Ah	7 VA
36045	36046	36047	30 m	32	1 h / 3 h	NiMh 7.2V / 0.6 Ah	NiMh 7.2V / 1.2 Ah	10 VA
36048	36049	36050	53 m	48	1 h / 3 h	NiMh 7.2V / 0.6 Ah	NiMh 7.2V / 1.2 Ah	10 VA

## SICURO<sup>LED</sup> DECENTRAL SUPPLY

Sicuro24 Order code			
Surface wall mounting (single faced indication)			
32011	24 m	24	2.2 W
32012	30 m	32	2.9 W
32013	53 m	48	4.3 W
Surface ceiling mounting, suspension, bracket suspension (double faced indication) <sup>1</sup>			
32014	24 m	24	2.2 W
32015	30 m	32	2.9 W
32016	53 m	48	4.3 W

## SICURO<sup>LED</sup> CENTRAL SUPPLY

Sicuro230 Order code				
Surface wall mounting (single faced indication)				
31011	24 m	24	5.8 VA / 2.5 W	
31012	30 m	32	7.4 VA / 3.5 W	
31013	53 m	48	9.4 VA / 4.7 W	
Surface ceiling mounting, suspension, bracket suspension (double faced indication) <sup>1</sup>				
31014	24 m	24	5.8 VA / 2.5 W	
31015	30 m	32	7.4 VA / 3.5 W	
31016	53 m	48	9.4 VA / 4.7 W	

Exit sign pane

<sup>1</sup> For surface ceiling mounting, suspension and bracket suspension, please order equipment separately

### Please order exit sign equipment separately

Order code	Description		
VD 24 m	VD 30 m	VD 53 m	
E16710M	E16715M	E16720M	Exit sign pane
E16711M	E16716M	E16721M	Exit sign pane
E16712M	E16717M	E16722M	Exit sign pane
E16713	E16718	E16723	Opal plastic pane, white
E16714	E16719	E16724	Opal plastic pane, grey
E16733M	E16725M		Exit sign pane
E16734M	E16726M		Exit sign pane
E16735M	E16727M		Exit sign pane
E16736M	E16728M		Exit sign pane
E16729M	E16730M	E16731M	Exit sign pane
	E16442		Safety sign extinguisher
	E16443		Safety sign fire hose
	E16444		Safety sign fire button

### Please order additional equipment separately

Order code	Description		
VD 24 m	VD 30 m	VD 53 m	
F95717	F95717	F95717	Adapter for ceiling mounting <sup>1</sup>
F95718	F95718	F95718	Suspension rod, rectangular, 250 mm <sup>1</sup>
F95719	F95719	F95719	Suspension rod, rectangular, 500 mm <sup>1</sup>
F95720	F95720	F95720	Suspension rod, rectangular, 1.000 mm <sup>1</sup>
F95722	F95722	F95722	Suspension rod, round, 500 mm <sup>1</sup>
F95723	F95723	F95723	Wire suspension, max. 1.200 mm <sup>1</sup>
F95714	F95721	F95729	Bracket suspension <sup>1</sup>
F95722	F95722	F95722	Suspension rod, round, 500 mm <sup>1</sup>
	F95724		Wire guard

<sup>1</sup> Sheet steel, aluminium grey



## KUBUS

**Housing made of flat sheet steel profiles with angular contours.** Additional light output in the case of wall mounting. Single or double-sided escape route signage is provided thanks to exchangeable inserts.

Versions for wall mounting or with equipment for ceiling mounting, wire or rod suspension mounting, mounting on brackets and chain/cable mounting

### MOUNTING OPTIONS



### MOUNTING OPTIONS WITH EQUIPMENT



## TECHNICAL DATA

**Housing:** Sheet steel, white (RAL 9003)  
**Display pane:** Methacrylate, clear

**Service life  $L_{50}$ :** 50.000 h  
**Color stability:** 3 SDCM



**IP40**

## SELF-CONTAINED SUPPLY

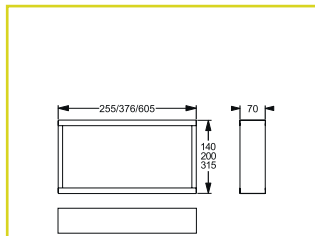
**Mains supply:** 198 V–254 V/50 Hz  
**Specification:** Maintained or non-maintained mode  
**Ambient temperature:** LTO : -20 °C to 50 °C  
 Classic: 0 °C to +40 °C  
**Protection class:** I

## DECENTRAL SUPPLY

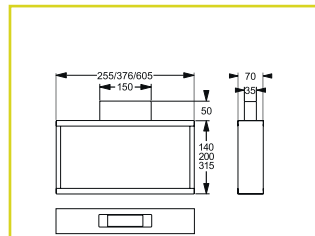
**Battery supply:** 24 V +/- 20% DC  
**Mains supply:** 24 V +/- 20% DC  
**Ambient temperature:** -20 °C to +40 °C  
**Protection class:** III

## CENTRAL SUPPLY

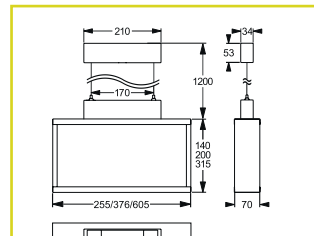
**Battery supply:** 176 V–276 V  
**Mains supply:** 198 V–254 V/50 Hz  
**Ambient temperature:** -20 °C to +40 °C  
**Protection class:** I



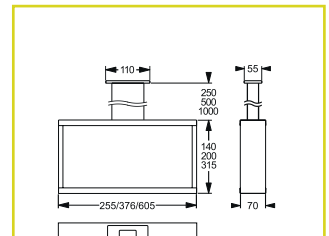
Surface wall mounting



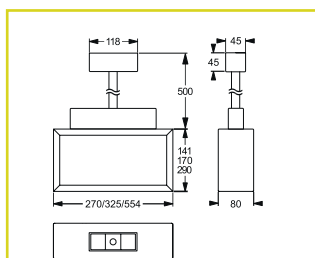
Surface ceiling mounting



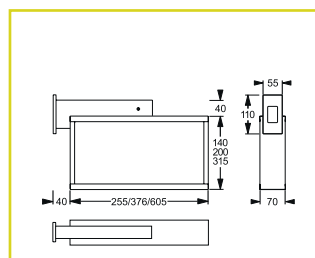
Wire suspension



Suspension rod rectangular



Suspension rod round



Bracket suspension



## SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code					
Surface wall mounting (single faced indication)							
37012	37013	37014	21 m	24	1 h / 3 h / 8 h	2 x LTO 7.2 V / 0.5 Ah	4.85 VA
37015	37016	37017	34 m	48	1 h / 3 h / 8 h	2 x LTO 7.2 V / 0.5 Ah	4.85 VA
37018	37019	37020	56 m	48	1 h / 3 h / 8 h	2 x LTO 7.2 V / 0.5 Ah	4.85 VA
Surface ceiling mounting, suspension, bracket suspension, chain or wire suspension (double faced indication) <sup>1</sup>							
37021	37022	37023	21 m	24	1 h / 3 h / 8 h	2 x LTO 7.2 V / 0.5 Ah	4.85 VA
37024	37025	37026	34 m	48	1 h / 3 h / 8 h	2 x LTO 7.2 V / 0.5 Ah	4.85 VA
37027	37028	37029	56 m	48	1 h / 3 h / 8 h	2 x LTO 7.2 V / 0.5 Ah	4.85 VA

## CLASSIC SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code						
Surface wall mounting (single faced indication)								
36012	36013	36014	21 m	24	1 h / 3 h	NiMH 7.2V / 0.6 Ah	NiMH 7.2V / 1.2 Ah	7 VA
36015	36016	36017	34 m	48	1 h / 3 h	NiMH 7.2V / 0.6 Ah	NiMH 7.2V / 1.2 Ah	10 VA
36018	36019	36020	56 m	48	1 h / 3 h	NiMH 7.2V / 0.6 Ah	NiMH 7.2V / 1.2 Ah	10 VA
Surface ceiling mounting, Pendel, Bracket suspension (2-seitige Escape routekennzeichnung) <sup>1</sup>								
36021	36022	36023	21 m	24	1 h / 3 h	NiMH 7.2V / 0.6 Ah	NiMH 7.2V / 1.2 Ah	7 VA
36024	36025	36026	34 m	48	1 h / 3 h	NiMH 7.2V / 0.6 Ah	NiMH 7.2V / 0.6 Ah	10 VA
36027	36028	36029	56 m	48	1 h / 3 h	NiMH 7.2V / 0.6 Ah	NiMH 7.2V / 0.6 Ah	10 VA

## SICURO<sup>®</sup> DECENTRAL SUPPLY

Sicuro 24 Order code			
Surface wall mounting (single faced indication)			
32004	21 m	24	2.5 W
32005	34 m	48	4.3 W
32006	56 m	48	4.3 W
Surface ceiling mounting, suspension, bracket suspension, chain or wire suspension (double faced indication) <sup>1</sup>			
32007	21 m	24	2.2 W
32008	34 m	48	4.3 W
32009	56 m	48	4.3 W

## SICURO<sup>®</sup> CENTRAL SUPPLY

Sicuro 230 Order code				
Surface wall mounting (single faced indication)				
31004	21 m	24	5.8 VA / 2.5 W	
31005	34 m	48	9.4 VA / 4.7 W	
31006	56 m	48	9.4 VA / 4.7 W	
Surface ceiling mounting, suspension, bracket suspension, chain or wire suspension (double faced indication) <sup>1</sup> (nung) <sup>1</sup>				
31007	21 m	24	5.8 VA / 2.5 W	
31008	34 m	48	9.4 VA / 4.7 W	
31009	56 m	48	9.4 VA / 4.7 W	

<sup>1</sup> For surface ceiling mounting, wire and rod suspension, bracket suspension please order equipment separately

Please order exit sign equipment separately			
Order code	Order code	Order code	Description
VD 21 m	VD 34 m	VD 56 m	
E16604M	E16608M	E16134M	Exit sign pane
E16605M	E16609M	E16135M	Exit sign pane
E16606M	E16610M	E16136M	Exit sign pane
E16620M	E16640M	E16645M	Exit sign pane
E16622M	E16642M	E16647M	Exit sign pane
E16621M	E16641M	E16646M	Exit sign pane
E16623M	E16643M	E16648M	Exit sign pane
E16607	E16611	E16234	Opal plastic pane, grey
E16242	E16241	E16251	Opal plastic pane, white

Please order additional equipment separately			
Order code	Order code	Order code	Description
VD 21 m	VD 34 m	VD 56 m	
F95057	F95057	F95057	Adapter for ceiling mounting
F95600	F95600	F95600	Suspension rod, rectangular, 250 mm
F95601	F95601	F95601	Suspension rod, rectangular, 500 mm
F95602	F95602	F95602	Suspension rod, rectangular, 1.000 mm
F95400	F95400	F95400	Suspension rod, round, 500 mm
F95401	F95401	F95401	Wire suspension, max. 1.200 mm
F95055	F95056	F95070	Bracket suspension
F95067	F95067	F95067	Adapter for chain or wire suspension
F95032K	F95032K		Wire guard

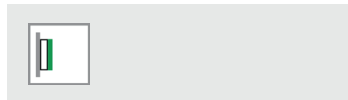


## KUBUS65

**High protection.** Housing made of sheet steel or sheet stainless steel with frame cover and a clear insert. Lighting control is provided by a specular aluminium reflector. Single or double-sided escape route signage is provided thanks to self-adhesive films.

Versions for wall mounting or with equipment for ceiling mounting or wire or rod suspension mounting, or mounting on brackets.

### MOUNTING OPTIONS



### MOUNTING OPTIONS WITH EQUIPMENT



## TECHNICAL DATA

**Housing:** Sheet steel, white (RAL 9003)  
Stainless steel, V2A

**Display pane:** Methacrylate, clear

**Service life  $L_{80/B_{50}}$ :** 50.000 h

**Color stability:** 3 SDCM



## SELF-CONTAINED SUPPLY

**Mains supply:** 198 V–254 V/50 Hz

**Ambient temperature:** LTO: -20 °C to +50 °C  
Classic: 0 °C to +40 °C

**Specification:** Maintained or non-maintained mode

**Protection class:** I

## DECENTRAL SUPPLY

**Battery supply:** 24 V +/- 20% DC

**Ambient temperature:** -20 °C to +40 °C

**Mains supply:** 24 V +/- 20% DC

**Protection class:** III

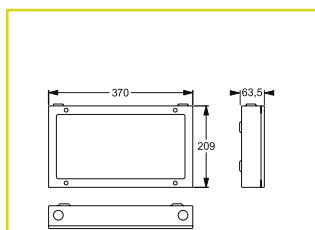
## CENTRAL SUPPLY

**Battery supply:** 176 V–276 V

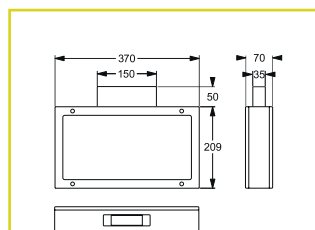
**Ambient temperature:** -20 °C to +40 °C

**Mains supply:** 198 V–254 V/50 Hz

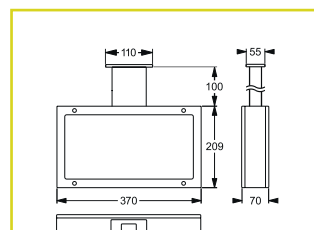
**Protection class:** I



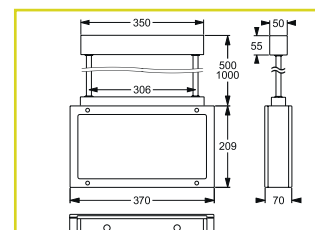
Surface wall mounting



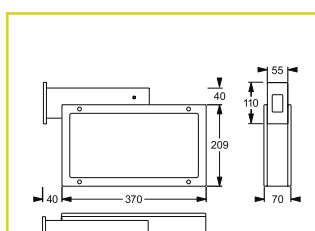
Surface ceiling mounting



Suspension rod rectangular



Suspension rod round



Bracket suspension





## SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code					
Surface wall mounting (single faced indication)							
<b>37060</b>	<b>37061</b>	<b>37062</b>	32 m	48	1 h / 3 h / 8 h	2 x LTO 7.2 V / 0.5 Ah	4.85 VA
Surface ceiling mounting, suspension, bracket suspension (double faced indication) <sup>1</sup>							
<b>37063</b>	<b>37064</b>	<b>37065</b>	32 m	48	1 h / 3 h / 8 h	2 x LTO 7.2 V / 0.5 Ah	4.85 VA
Stainless steel V2A surface wall mounting (single faced indication) <sup>1</sup>							
<b>37066</b>	<b>37067</b>	<b>37068</b>	32 m	48	1 h / 3 h / 8 h	2 x LTO 7.2 V / 0.5 Ah	4.85 VA
Surface ceiling mounting, suspension, bracket suspension (double faced indication) <sup>1</sup>							
<b>37069</b>	<b>37070</b>	<b>37071</b>	32 m	48	1 h / 3 h / 8 h	2 x LTO 7.2 V / 0.5 Ah	4.85 VA

## CLASSIC SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code						
Surface wall mounting (single faced indication)								
<b>36060</b>	<b>36061</b>	<b>36062</b>	32 m	48	1 h / 3 h	NiMH 7.2V / 06 Ah	NiMH 7.2V / 1.2 Ah	10 VA
Surface ceiling mounting, suspension, bracket suspension (double faced indication) <sup>1</sup>								
<b>36066</b>	<b>36067</b>	<b>36068</b>	32 m	48	1 h / 3 h	NiMH 7.2V / 06 Ah	NiMH 7.2V / 1.2 Ah	10 VA
Stainless steel V2A surface wall mounting (single faced indication) <sup>1</sup>								
<b>36072</b>	<b>36073</b>	<b>36074</b>	32 m	48	1 h / 3 h	NiMH 7.2V / 06 Ah	NiMH 7.2V / 1.2 Ah	10 VA
Surface ceiling mounting, suspension, bracket suspension (double faced indication) <sup>1</sup>								
<b>36078</b>	<b>36079</b>	<b>36080</b>	32 m	48	1 h / 3 h	NiMH 7.2V / 06 Ah	NiMH 7.2V / 1.2 Ah	10 VA



## DECENTRAL SUPPLY

Sicuro24 Order code			
Surface wall mounting (single faced indication)			
<b>32020</b>	32 m	48	4.3 W
Surface ceiling mounting, suspension, bracket suspension (double faced indication) <sup>1</sup>			
<b>32021</b>	32 m	48	4.3 W
Stainless steel V2A surface wall mounting (single faced indication) <sup>1</sup>			
<b>32022</b>	32 m	48	4.3 W
Surface ceiling mounting, suspension, bracket suspension (double faced indication) <sup>1</sup>			
<b>32023</b>	32 m	48	4.3 W



## CENTRAL SUPPLY

Sicuro230 Order code				
Surface wall mounting (single faced indication)				
<b>31020</b>	32 m	48	9.4 VA / 4.7 W	
Surface ceiling mounting, suspension, bracket suspension (double faced indication) <sup>1</sup>				
<b>31021</b>	32 m	48	9.4 VA / 4.7 W	
Stainless steel V2A surface wall mounting (single faced indication) <sup>1</sup>				
<b>31022</b>	32 m	48	9.4 VA / 4.7 W	
Surface ceiling mounting, suspension, bracket suspension (double faced indication) <sup>1</sup>				
<b>31023</b>	32 m	48	9.4 VA / 4.7 W	

<sup>1</sup> For surface wall mountin and all suspended versions, please order equipment separately

### Please order exit sign equipment separately

Order code	Description	
<b>E16700M</b>	Kit of exit sign films	
<b>E16701M</b>	Kit of exit sign films	

### Please order additional equipment separately

Order code	Description
<b>White V2A</b>	
<b>F95612</b>	<b>F95613</b> Adapter for ceiling mounting
<b>F95603</b>	<b>F95608</b> Suspension rod, rectangular, 100 mm
<b>F95604</b>	<b>F95609</b> Suspension rod, round, 500 mm
<b>F95605</b>	<b>F95610</b> Suspension rod, round, 1.000 mm
<b>F95606</b>	<b>F95611</b> Bracket suspension
<b>F95607</b>	<b>F95607</b> Wire guard



## ACCIAIO

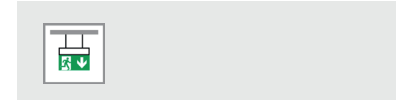
**High protection class combined exit sign luminaire / safety luminaire with high impact strength.** The housing is made of zinc-coated sheet steel, the caps are made of plastic and the insert is made of tempered glass. The caps and the insert are securely fastened to the housing. Lighting control is provided by a highly reflective aluminium reflector. Single or double-sided escape route signage is provided thanks to exchangeable display inserts. Explosion protection for zone 2 (II 3G Ex nA IIB T4) and zone 22 (II 3D Ex tD A22 T100). Extremely resistant to both mechanical and chemical stress.

Versions for wall mounting and ceiling mounting with swivelling mount or for chain/cable mounting

### MOUNTING OPTIONS



### MOUNTING OPTIONS WITH EQUIPMENT



## TECHNICAL DATA

<b>Housing:</b>	Sheet steel, galvanized, grey (RAL 9003)
<b>Caps:</b>	Polycarbonate / polybutyleneterephthalate, grey (RAL 7040)
<b>Display pane:</b>	Methacrylate
<b>Film:</b>	Methacrylate, printed
<b>Reflector:</b>	Aluminium, specular

<b>Service life <math>L_{80/B_{50}}</math>:</b>	50.000 h
<b>Color stability:</b>	3 SDCM



## SELF-CONTAINED SUPPLY

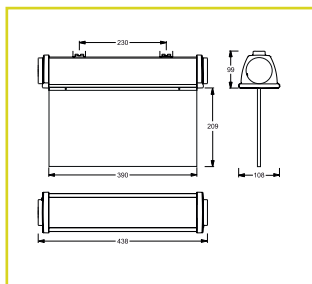
<b>Mains supply:</b> 198 V–254 V/50 Hz	<b>Ambient temperature:</b> LTO: -20 °C to +50 °C Classic: 0 °C to +40 °C
<b>Specification:</b> Maintained or non-maintained mode	<b>Protection class:</b> I

## DECENTRAL SUPPLY

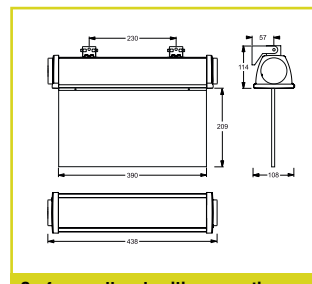
<b>Battery supply:</b> 24 V +/- 20% DC	<b>Ambient temperature:</b> -20 °C to +40 °C
<b>Mains supply:</b> 24 V +/- 20% DC	<b>Protection class:</b> III

## CENTRAL SUPPLY

<b>Battery supply:</b> 176V–276V	<b>Ambient temperature:</b> -20 °C to +40 °C
<b>Mains supply:</b> 198V–254V/50Hz	<b>Protection class:</b> I








Surface wall and ceiling mounting









Surface wall and ceiling mounting with swivel bracket



## SELF-CONTAINED SUPPLY




Autotest Order code	Logica Order code	Logica FM Order code					
Surface wall mounting (single faced indication / area lighting), surface ceiling mounting, chain or wire suspension (double faced indication / area lighting)							
37090	37091	37092	38 m	32	1 h / 3 h / 8 h	2 x LTO 7.2 V / 0.5 Ah	4.85 VA

## CLASSIC SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code				 Autotest	 Logica	
Surface wall mounting (single faced indication / area lighting), surface ceiling mounting, chain or wire suspension (double faced indication / area lighting)								
15030	15030	15031	38 m	32	1 h / 3 h	NiMH 7.2.V / 1.2 Ah	NiMh 7.2V / 1.2 Ah	10 VA







## DECENTRAL SUPPLY


Sicuro24 Order code			
Surface wall mounting (single faced indication / area lighting), surface ceiling mounting, chain or wire suspension (double faced indication / area lighting)			
32055	38 m	32	4.3 W



## CENTRAL SUPPLY

Sicuro230 Order code				
Surface wall mounting (single faced indication / area lighting), surface ceiling mounting, chain or wire suspension (double faced indication / area lighting)				
31054	38 m	32	9.4 VA / 4.7 W	

### Please order exit sign equipment separately

Order code	Description	
19064	Kit of exit sign display pane	

### Included in standard delivery

Order code	Description
20122	Swivel bracket



## FORMULA65

**High protection class exit sign luminaire.** Housing with convex light-emitting surface and clear cover with click fasteners. Lighting control is provided by a plastic reflector. Single-sided signage (viewing distance 25 m) is provided by self-adhesive exit sign films, double-sided signage (viewing distance 30 m) is provided by an exit sign display insert. The Formula 65 High version comes with a higher Body.

Versions for surface wall mounting and surface ceiling mounting or with additional equipment for recessed wall mounting, recessed ceiling mounting, wire or rod suspension mounting and mounting on brackets

### MOUNTING OPTIONS



### MOUNTING OPTIONS WITH EQUIPMENT



### TECHNICAL DATA

<b>Housing:</b>	Polycarbonate, white (RAL 9003)
<b>Cover:</b>	Polycarbonate, klar
<b>Display pane:</b>	Methacrylate, klar
<b>Film:</b>	Methacrylate, printed
<b>Display pane:</b>	Methacrylate, printed (Kit)
<b>Reflector:</b>	Polycarbonate, white

<b>Service life <math>L_{80} B_{50}</math>:</b>	50.000 h
<b>Color stability:</b>	3 SDCM



### SELF-CONTAINED SUPPLY

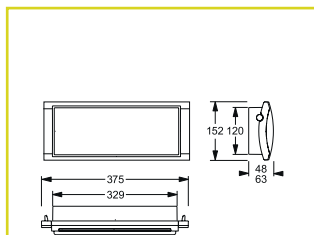
<b>Mains supply:</b> 198 V–254 V/50 Hz	<b>Ambient temperature:</b> LTO: -20 °C to +50 °C Classic: 0 °C to +40 °C
<b>Specification:</b> Maintained or non-maintained mode	<b>Protection class:</b> II

### DECENTRAL SUPPLY

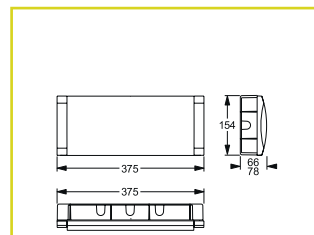
<b>Battery supply:</b> 24 V +/- 20% DC	<b>Ambient temperature:</b> -20 °C to +40 °C
<b>Mains supply:</b> 24 V +/- 20% DC	<b>Protection class:</b> III

### CENTRAL SUPPLY

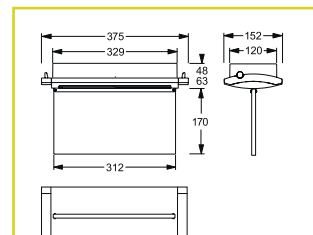
<b>Battery supply:</b> 176 V–276 V	<b>Ambient temperature:</b> -20 °C to +40 °C
<b>Mains supply:</b> 198V–254V/50Hz	<b>Protection class:</b> II



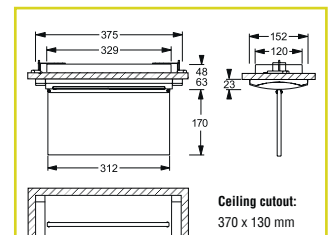
Surface wall mounting



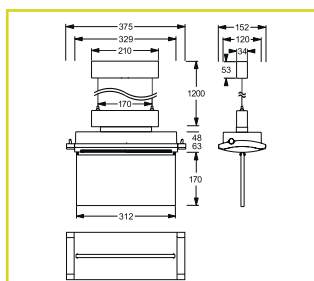
Recessed wall mounting



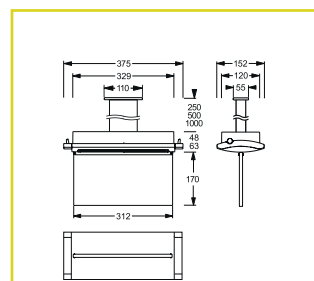
Surface ceiling mounting



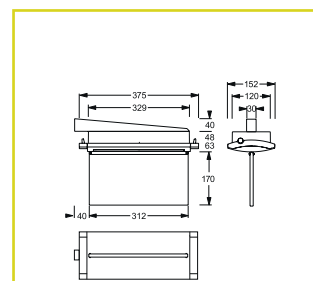
Recessed ceiling mounting



Wire suspension



Suspension rod



Bracket suspension



## SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code					
Surface wall mounting (single faced indication / area lighting), surface or recessed ceiling mounting, suspension and bracket suspension (double faced indication / area lighting) <sup>1</sup>							
19296	19296+15036	19296+15037	25 m	22	1 h	2 x LTO 4.8 V / 1.2 Ah	13 VA
19296-3 h	19296-3 h+15036	19296-3 h+15037	25 m	22	3 h	2 x LTO 4.8 V / 1.2 Ah	13 VA
19296-8 h	19296-8 h+15036	19296-8 h+15037	25 m	22	8 h	2 x LTO 4.8 V / 1.2 Ah	13 VA

## CLASSIC SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code						
Surface wall mounting (single faced indication / area lighting), surface or recessed ceiling mounting, suspension and bracket suspension (double faced indication / area lighting) <sup>1</sup>								
R2436SA	19239	19245	25 m	22	1 h / 3 h	NiMh 3.6V / 1.2 Ah	2 x NiMh 3.6V / 1.2 Ah	8.5 VA
Surface or recessed wall mounting (single faced indication), surface or recessed ceiling mounting, suspension and bracket suspension (double faced indication), Extreme Version <sup>1</sup>								
19270	19270	19276	25 m	22	1 h / 3 h	NiMh 3.6V / 1.7 Ah	NiMh 3.6 V / 1.7 Ah	8 VA



## DECENTRAL SUPPLY

Sicuro24 Order code			
Surface or recessed wall mounting (single faced indication), surface or recessed ceiling mounting, suspension and bracket suspension (double faced indication), Extreme Version <sup>1</sup>			
32094	25 m	32	3.8 W



## CENTRAL SUPPLY

Sicuro230 Order code				
Surface or recessed wall mounting (single faced indication), surface or recessed ceiling mounting, suspension and bracket suspension (double faced indication), Extreme Version <sup>1</sup>				
31124	25 m	32	8.3 VA / 4.1 W	

<sup>1</sup> For recessed wall / ceiling mounting, suspension or bracket suspension mounting please order equipment separately

### Included in standard delivery

Order code	Description	
19044	RettingszeichenFilmnset	

### Please order exit sign equipment separately

Order code	Description	
VD 25 m	VD 30 m	
29000	Exit sign display pane	
E16040M-KIT-F65	Exit sign display pane	
E16041M-KIT-F65	Exit sign display pane	
E16042M-KIT-F65	Exit sign display pane	
E16043M-KIT-F65	Exit sign display pane	
E16045M-KIT-F65	Exit sign display pane	

### Please order additional equipment separately

Order code	Description
VD 25 m	VD 30 m
F95943	F95943 Adapter for suspension mounting
F95961	F95961 Adapter for suspension mounting, Extreme Version
F95067	F95067 Adapter for bracket suspension mounting
F95600	F95600 Suspension rod, rectangular, 250 mm
F95601	F95601 Suspension rod, rectangular, 500 mm
F95602	F95602 Suspension rod, rectangular, 1.000 mm
F95057	F95057 Adapter for ceiling mounting
19045	19045 Bracket suspension
F95942	F95942 Cover for outdoor bracket suspension
19040	19040 Box for recessed wall mounting
19048	19048 Box for recessed wall mounting, Extreme Version
19041	19041 Box for recessed ceiling mounting
19049	19049 Box for recessed ceiling mounting, Extreme Version

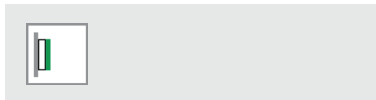


## TULA

**Flat design housing in sheet steel with convex light-emitting surface and opal display pane.** Single or double-sided escape route is provided thanks to exchangeable films.

Versions for surface wall mounting or with additional equipment for surface ceiling and mounting on brackets

### MOUNTING OPTIONS



### MOUNTING OPTIONS WITH EQUIPMENT



## TECHNICAL DATA

**Housing:** Sheet steel, grey (RAL 9006)  
**Cover:** Methacrylate, opal

**Service life  $L_{80B_{50}}$ :** 50.000 h  
**Color stability:** 3 SDCM



## DECENTRAL SUPPLY

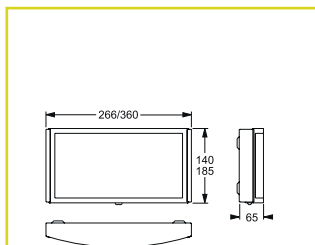
**Battery supply:**  
24 V +/- 20% DC  
**Mains supply:**  
24 V +/- 20% DC

**Ambient temperature:**  
-20 °C to +40 °C  
**S24-Protection class:**  
III

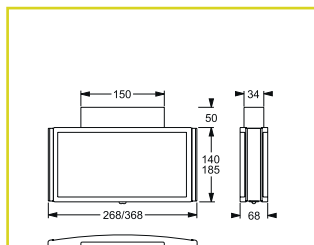
## CENTRAL SUPPLY

**Battery supply:**  
176 V-276 V  
**Mains supply:**  
198 V-254 V/50 Hz

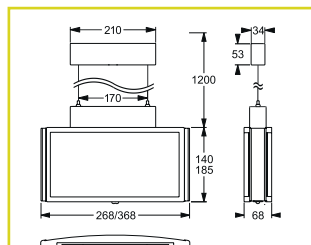
**Ambient temperature:**  
-20 °C to +40 °C  
**Protection class:**  
I



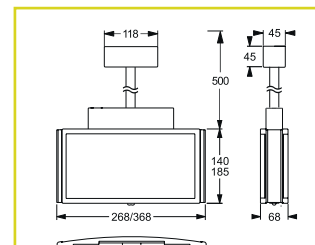
Surface wall mounting



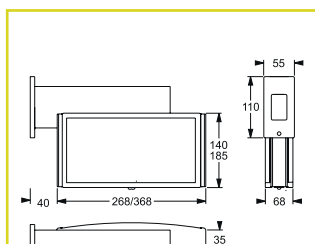
Surface ceiling mounting



Wire suspension






Suspension rod







Bracket suspension



## DECENTRAL SUPPLY

Sicuro24 Order code			
Surface wall mounting (single faced indication)			
<b>32025</b>	23 m	24	2.2 W
<b>32027</b>	32 m	48	4.3 W
Surface ceiling mounting, suspension, bracket suspension (double faced indication) <sup>1</sup>			
<b>32026</b>	23 m	24	2.2 W
<b>32029</b>	32 m	48	4.3 W

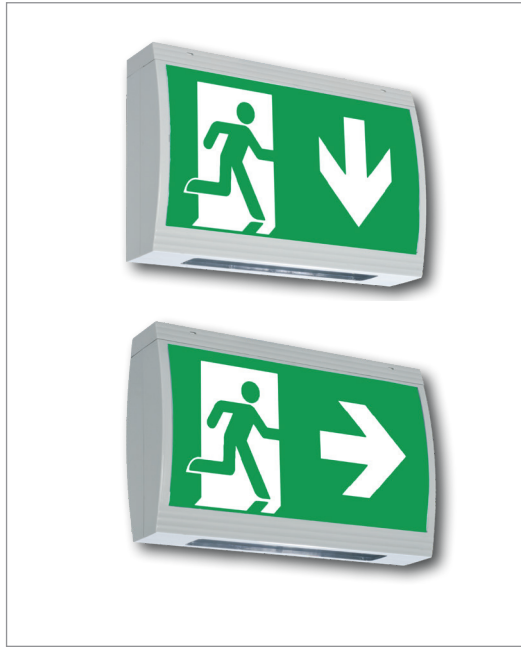
## CENTRAL SUPPLY

Sicuro230 Order code				
Surface wall mounting (single faced indication)				
<b>31025</b>	23 m	24	5.8 VA / 2.5 W	
<b>31027</b>	32 m	48	9.4 VA / 4.7 W	
Surface ceiling mounting, suspension, bracket suspension (double faced indication) <sup>1</sup>				
<b>31026</b>	23 m	24	5.8 VA / 2.5 W	
<b>31029</b>	32 m	48	9.4 VA / 4.7 W	

<sup>1</sup> For surface ceiling mounting, suspension and bracket suspension please order equipment separately

Included in standard delivery			
Order code		Description	
VD 23 m	VD 32 m		
<b>F15337MU</b>	<b>F15338MU</b>	Exit sign film	
<b>F15337MR</b>	<b>F15338MR</b>	Exit sign film	
<b>F15337ML</b>	<b>F15338ML</b>	Exit sign film	
<b>F15337MO</b>	<b>F15338MO</b>	Exit sign film	

Please order additional equipment separately	
Order code	Description
<b>F95109PK</b>	Adapter for ceiling mounting
<b>F95109PR</b>	Suspension rod, rectangular, 500 mm
<b>F95109PS</b>	Wire suspension, max. 1.200 mm
<b>F95109P</b>	Bracket suspension



## MAXIMA

**High protection.** Body with clear convex shaped cover. Additional down-lighting provided by slots in the body. Single or double-sided escape route signage is provided thanks to exchangeable inserts.

Versions for wall mounting or with equipment for ceiling mounting, wire or rod suspension mounting, mounting on brackets and chain/cable mounting

### MOUNTING OPTIONS



### MOUNTING OPTIONS WITH EQUIPMENT



## TECHNICAL DATA

**Housing:** Polycarbonate, grey (RAL 7035)  
Polyester, grey (RAL 7035)

**Display pane:** Polycarbonate, clear

**Service life  $L_{80B_{50}}$ :** 50.000 h

**Color stability:** 3 SDCM



## SELF-CONTAINED SUPPLY

**Mains supply:** 198 V–254 V/50 Hz

**Specification:** Maintained or non-maintained mode

**Ambient temperature:** LTO : -20 °C to 50 °C  
Classic: 0 °C to +40 °C

**Protection class:** II

## DECENTRAL SUPPLY

**Battery supply:** 24 V +/- 20% DC

**Mains supply:** 24 V +/- 20% DC

**Ambient temperature:** -20 °C to +40 °C

**Protection class:** III

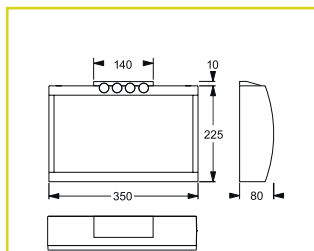
## CENTRAL SUPPLY

**Battery supply:** 176 V–276 V

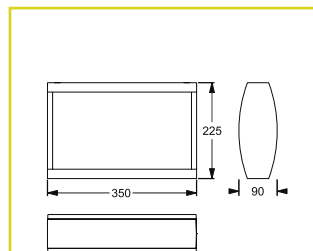
**Mains supply:** 198 V–254 V/50 Hz

**Ambient temperature:** -20 °C to +40 °C

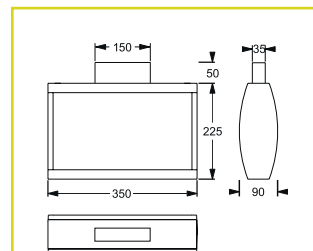
**Protection class:** II



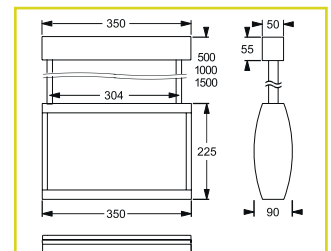
Surface wall mounting



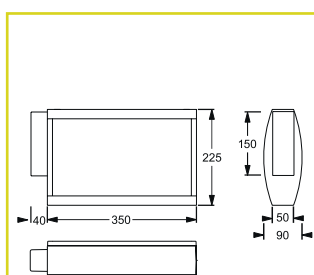
Surface ceiling mounting



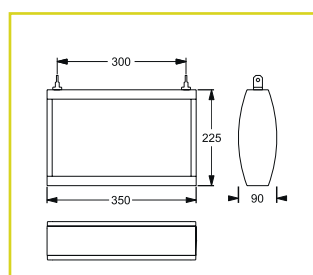
Surface ceiling mounting Adapter



Suspension rod



Bracket suspension



Chain or wire suspension





## SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code					
Surface wall mounting (single faced indication)							
37054	37055	37056	32 m	2	1 h / 3 h / 8 h	2 x LTO 7.2 V / 0.5 Ah	4.85 VA
Surface ceiling mounting, suspension, bracket suspension, chain or wire (double faced indication) <sup>1</sup>							
37057	37058	37059	32 m	2	1 h / 3 h / 8 h	2 x LTO 7.2 V / 0.5 Ah	4.85 VA

## CLASSIC SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code						
Surface wall mounting (single faced indication)								
36054	36055	36056	32 m	2	1 h / 3 h	NiMh 7.2V / 0.6 Ah	NiMh 7.2V / 1.2 Ah	8 VA
Surface ceiling mounting, suspension, bracket suspension, chain or wire (double faced indication) <sup>1</sup>								
36057	36058	36059	32 m	2	1 h / 3 h	NiMh 7.2V / 0.6 Ah	NiMh 7.2V / 1.2 Ah	8 VA



## DECENTRAL SUPPLY

Sicuro24 Order code			
Surface wall mounting (single faced indication)			
32018	32 m	2	2.9 W
Surface ceiling mounting, suspension, bracket suspension, chain or wire (double faced indication) <sup>1</sup>			
32019	32 m	2	2.9 W



## CENTRAL SUPPLY

Sicuro230 Order code				
Surface wall mounting (single faced indication)				
31018	32 m	2	7.4 VA / 3.5 W	
Surface ceiling mounting, suspension, bracket suspension, chain or wire (double faced indication) <sup>1</sup>				
31019	32 m	2	7.4 VA / 3.5 W	

<sup>1</sup>For suspension and chain or wire suspension, please order equipment separately

Please order exit sign equipment separately	
Order code	Description
29002	Kit of exit sign film
16917M	Kit of exit sign film

Please order additional equipment separately	
Order code	Description
F95700	Adapter for ceiling mounting and visible conduits
F95510	Suspension rod, round, 500 mm
F95511	Suspension rod, round, 1.000 mm
F95512	Suspension rod, round, 1.500 mm
3723	Adapter for chain or wire suspension
F95032K	Wire guard

Included in standard delivery	
Order code	Description
29001	Kit of exit sign film



## AESTETICA

**Housing has a compact design with planar light-emitting surface and a clear insert.** Lighting control is provided by a plastic reflector. Single-sided escape route signage is provided thanks to exchangeable display films, double-sided escape route signage is provided by exchangeable display inserts.

Versions for surface wall mounting and surface ceiling mounting or with additional equipment for recessed wall mounting, recessed ceiling mounting and bracket suspension mounting

### MOUNTING OPTIONS



### MOUNTING OPTIONS WITH EQUIPMENT



## TECHNICAL DATA

**Housing:** Polycarbonate, white (RAL 9003)  
**Cover:** Polycarbonate, clear  
**Display pane:** Methacrylate, printed  
**Reflector:** Polycarbonate, white

**Service life  $L_{80B_{50}}$ :** 50.000 h  
**Color stability:** 3 SDCM



### SELF-CONTAINED SUPPLY

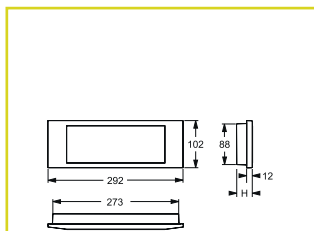
**Mains supply:** 198 V–254 V/50 Hz  
**Specification:** Maintained or non-maintained mode  
**Ambient temperature:** Classic: 0 °C to +40 °C  
**Protection class:** II

### DECENTRAL SUPPLY

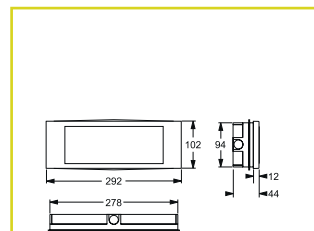
**Battery supply:** 24 V +/- 20% DC  
**Mains supply:** 24 V +/- 20% DC  
**Ambient temperature:** -20 °C to +40 °C  
**Protection class:** III

### CENTRAL SUPPLY

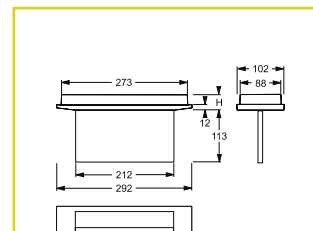
**Battery supply:** 176 V–276 V  
**Mains supply:** 198 V–254 V/50 Hz  
**Ambient temperature:** -20 °C to +40 °C  
**Protection class:** II



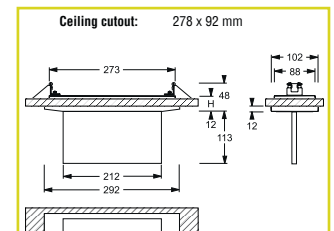
Surface wall mounting



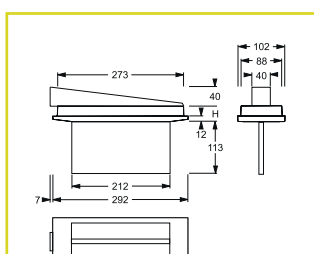
Recessed wall mounting



Surface ceiling mounting



Recessed ceiling mounting



Bracket suspension

## CLASSIC SELF-CONTAINED SUPPLY

Autotest  
Order code



Surface or recessed wall mounting (single faced indication), surface or recessed ceiling mounting (double faced indication), suspension and bracket suspension (double faced indication)<sup>1</sup>

16225	15 / 20 m	16	3 h	NiMh 3.6V / 1.2 Ah	11 VA
16226	15 / 20 m	32	3 h	2 x NiMh 3.6V / 1.2 Ah	11 VA

## SICURO<sup>LED</sup> DECENTRAL SUPPLY

Sicuro24  
Order code



Surface or recessed wall mounting (single faced indication), surface or recessed ceiling mounting (double faced indication), suspension and bracket suspension (double faced indication)<sup>1</sup>

32069	15 / 20 m	20	1.7 W
-------	-----------	----	-------

## SICURO<sup>PRO</sup> CENTRAL SUPPLY

Sicuro230  
Order code



Surface or recessed wall mounting (single faced indication), surface or recessed ceiling mounting (double faced indication), suspension and bracket suspension (double faced indication)<sup>1</sup>

31098	15 / 20 m	20	4.8 VA / 1.8 W
-------	-----------	----	----------------

<sup>1</sup>For recessed wall / ceiling mounting in cavity walls or hollow ceilings, please order required equipment separately

### Please order exit sign equipment separately

Order code	Description	
VD 15 m	VD 20 m	
16235	Exit sign film	
16236	Exit sign film	
16237	Exit sign film	
16233	Exit sign display pane	
16234	Exit sign display pane	

### Please order additional equipment separately

Order code	Description
4265	Bracket suspension
3733	Kit for recessed wall mounting
4266	Kit for recessed ceiling mounting

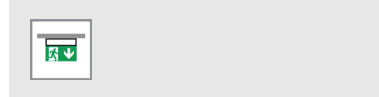


## QUADER

**Square housing with cuboid-shaped opal cover.** Single, double, or triple-sided escape route signage is provided thanks to self-adhesive films.

Versions for ceiling mounting or with additional equipment for wire or rod suspension mounting and chain/cable mounting

### MOUNTING OPTIONS



### MOUNTING OPTIONS WITH EQUIPMENT



### TECHNICAL DATA

**Housing:** Sheet steel, white (RAL 9003)  
**Cover:** Methacrylate, opal

**Service life  $L_{80B_{50}}$ :** 50.000 h  
**Color stability:** 3 SDCM



### SELF-CONTAINED SUPPLY

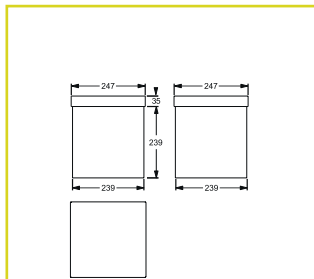
**Mains supply:** 198 V–254 V/50 Hz  
**Specification:** Maintained or non-maintained mode  
**Ambient temperature:** LTO: -20 °C to +50 °C  
 Classic 0 °C to +40 °C  
**Protection class:** I

### DECENTRAL SUPPLY

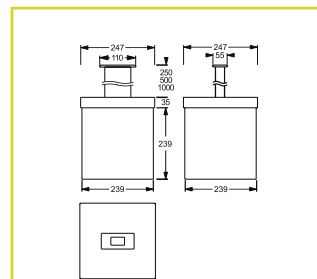
**Battery supply:** 24 V +/- 20% DC  
**Mains supply:** 24 V +/- 20% DC  
**Ambient temperature:** -20 °C to +40 °C  
**Protection class:** III

### CENTRAL SUPPLY

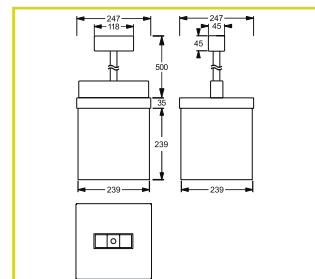
**Battery supply:** 176 V–276 V  
**Mains supply:** 198 V–254 V/50 Hz  
**Ambient temperature:** -20 °C to +40 °C  
**Protection class:** I



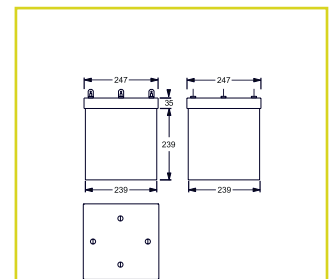
Surface ceiling mounting



Suspension rod rectangular








Suspension rod round









Chain or wire suspension






## SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code					
Surface ceiling mounting, suspension, chain or wire suspension (3-sided escape route lighting) <sup>1</sup>							
37072	37073	37074	22 m / 44 m	2	1 h / 3 h / 8 h	2 x LTO 7.2 V / 0.5 Ah	4.85 VA





## CLASSIC SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code					Autotest		Logica	
Surface ceiling mounting, suspension, chain or wire suspension (3-sided escape route lighting) <sup>1</sup>										
36084	36085	36086	22 m / 44 m	2	1 h / 3 h	NiMh 7.2V / 0.6 Ah		NiMh 7.2V / 1.2 Ah		10 VA

## SICURO<sup>LED</sup> DECENTRAL SUPPLY

Sicuro24 Order code			
Surface ceiling mounting, suspension, chain or wire suspension (3-sided escape route lighting) <sup>1</sup>			
32024	22 m / 44 m	2	4.3 W

## SICURO<sup>LED</sup> CENTRAL SUPPLY

Sicuro230 Order code				
Surface ceiling mounting, suspension, chain or wire suspension (3-sided escape route lighting) <sup>1</sup>				
31024	22 m / 44 m	2	9.4 VA / 4.7 W	

<sup>1</sup> For surface mounting and all suspended versions, please order required equipment separately

Please order exit sign equipment separately	
Order code	Description
VD 22 m	VD 44 m
F15330M	F15325M Exit sign film 
F15331M	F15326M Exit sign film 
F15332M	F15327M Exit sign film 
F15329M	F15328M Exit sign film 

Please order additional equipment separately	
Order code	Description
F95210	Adapter for suspension rod
F95600	Suspension rod, rectangular, 250 mm
F95601	Suspension rod, rectangular, 500 mm
F95400	Suspension rod, round, 500 mm
F95406	Adapter for chain or wire suspension



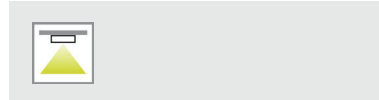
## PLURALUCE

**Flat design housing in sheet steel and Polycarbonate cover.**

High-power LED with lighting control through special lenses for asymmetrically-emitted light distribution (illumination of paths with 1 lx), symmetrically emitted light distribution (illumination of surfaces with 0.5 lx) and 1-sided asymmetrically-emitted light distribution (illumination of safety device with 5 lx).

Versions for surface ceiling mounting

### MOUNTING OPTIONS



### TECHNICAL DATA

**Housing:** Sheet steel  
**Cover:** Polycarbonate, white (RAL 9010)<sup>1</sup>  
**Lens:** Methacrylate, clear

**Service life  $L_{80} B_{20}$ :** 50.000 h  
**Color stability:** 3 SDCM

<sup>1</sup> Cover in other colors on request



### SELF-CONTAINED SUPPLY

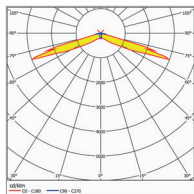
**Mains supply:** 198 V–254 V/50 Hz  
**Specification:** Maintained or non-maintained mode  
**Ambient temperature:** LTO: -20 °C to +50 °C  
 Classic: 0 °C to +40 °C  
**Protection class:** I

### DECENTRAL SUPPLY

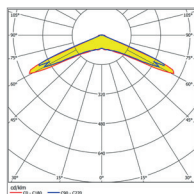
**Battery supply:** 24 V +/- 20% DC  
**Mains supply:** 24 V +/- 20% DC  
**Ambient temperature:** -20 °C to +40 °C  
**Protection class:** III

### CENTRAL SUPPLY

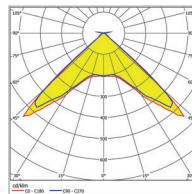
**Battery supply:** 176 V–276 V  
**Mains supply:** 198 V–254 V/50 Hz  
**Ambient temperature:** -20 °C to +40 °C  
**Protection class:** I



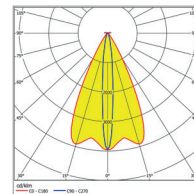
Asymmetric wide beam



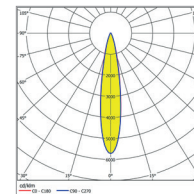
Symmetric wide beam to 3,5 m



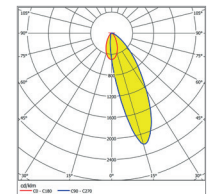
Symmetric wide beam to 7 m



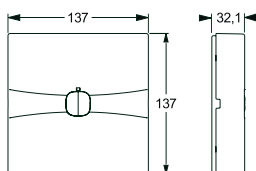
Asymmetric deep beam



Symmetric deep beam



One sided asymmetric



Surface ceiling mounting



## SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code	LED	Φ 1 h	Φ 3 h	Φ 8 h		S~
Surface ceiling mounting suitable for escape route lighting								
37076	37078	37080	1	261 lm	176 lm	42 lm	2 x LTO 7.2 V / 0.5 Ah	4.85 VA
Surface ceiling mounting suitable for area lighting with 2 changeable lenses								
37075	37077	37079	1	255 / 285 lm	147 / 165 lm	41 / 46 lm	2 x LTO 7.2 V / 0.5 Ah	4.85 VA

## CLASSIC SELF-CONTAINED SUPPLY

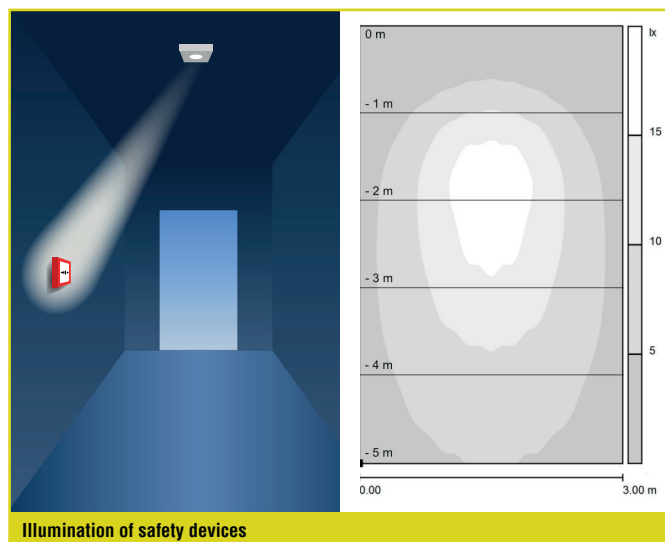
Autotest Order code	Logica Order code	Logica FM Order code	LED	Φ 1 h	Φ 3 h	Autotest	Logica	S~
Surface ceiling mounting suitable for escape route lighting								
16733	16735	16737	1	261 lm	176 lm	NimH 7.2V / 1.2 Ah	NimH 7.2V / 1.2 Ah	8 VA
Surface ceiling mounting suitable for area lighting with 2 changeable lenses								
16732	16734	16736	1	255 lm	172 lm	NimH 7.2V / 1.2 Ah	NimH 7.2V / 1.2 Ah	8 VA

## DECENTRAL SUPPLY

Sicuro24 Order code	LED	Φ	P=
Surface ceiling mounting suitable for escape route lighting			
32037	1	261 lm	3.8 W
Surface ceiling mounting suitable for area lighting with 2 changeable lenses			
32036	1	255 / 285 lm	3.8 W

## CENTRAL SUPPLY

Sicuro230 Order code	LED	Φ	S~	P=
Surface ceiling mounting suitable for escape route lighting				
31037	1	255 / 285 lm	8.3 VA / 4.1 W	
Surface ceiling mounting suitable for area lighting with 2 changeable lenses				
31036	1	261 lm	8.3 VA / 4.1 W	



Illumination of safety devices

## Please order additional equipment separately

Order code	Description
F95807	Narrow beam lense for surface / recessed ceiling mounted luminaires (area lighting) for <b>escape route lighting</b> at mounting heights > 7.5 m
F95808	Narrow beam lens for surface / recessed ceiling mounted luminaires (area lighting) for <b>area lighting</b> at mounting heights > 7.5 m
F95815	Asymmetrical lens for surface / recessed ceiling mounted luminaires (area lighting) for <b>illumination of the safety devices</b> with 5 lx
19346	Diffusor lens



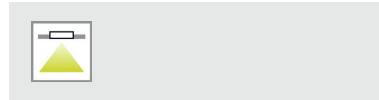
## PLURALUCE

### Flat design housing in sheet steel and Polycarbonate cover.

High-power LED with lighting control through special lenses for asymmetrically-emitted light distribution (illumination of paths with 1 lx), symmetrically emitted light distribution (illumination of surfaces with 0.5 lx) and 1-sided asymmetrically-emitted light distribution (illumination of safety device with 5 lx).

Versions for recessed ceiling mounting

### MOUNTING OPTIONS



### TECHNICAL DATA

**Housing:** Sheet steel, white (RAL 9010)  
**Cover:** Polycarbonate, white (RAL 9010)<sup>1,2</sup>  
**Lens:** Methacrylate, clear

**Service life  $L_{80} B_{20}$ :** 50.000 h  
**Color stability:** 3 SDCM

<sup>1</sup> Cover in other colors on request

<sup>2</sup> Square cover for recessed ceiling mounting (RAL 9003) please order separately



### SELF-CONTAINED SUPPLY

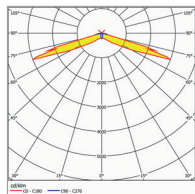
**Mains supply:** 198 V–254 V/50 Hz  
**Specification:** Maintained or non-maintained mode  
**Ambient temperature:** LTO: -20 °C to +50 °C  
 Classic: 0 °C to +40 °C  
**Protection class:** I

### DECENTRAL SUPPLY

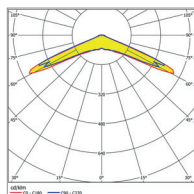
**Battery supply:** 24 V +/- 20% DC  
**Mains supply:** 24 V +/- 20% DC  
**Ambient temperature:** -20 °C to +40 °C  
**Protection class:** III

### CENTRAL SUPPLY

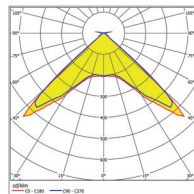
**Battery supply:** 176 V–276 V  
**Mains supply:** 198 V–254 V/50 Hz  
**Ambient temperature:** -20 °C to +40 °C  
**Protection class:** I



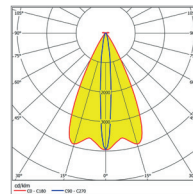
Asymmetric wide beam



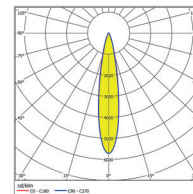
Symmetric wide beam to 3,5 m



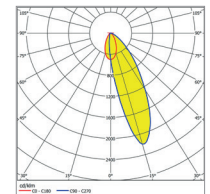
Symmetric wide beam to 7 m



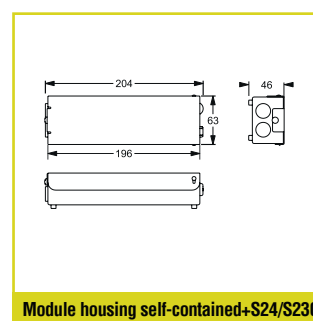
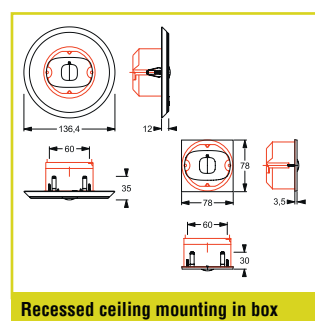
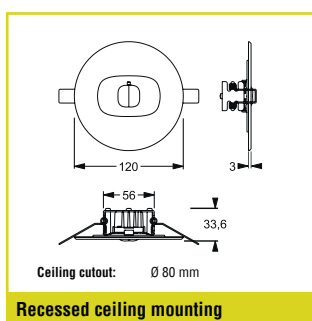
Asymmetric deep beam



Symmetric deep beam



One sided asymmetric







## SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code	LED	Φ 1 h	Φ 3 h	Φ 8 h	+	S~
Recessed ceiling mounting for escape route lighting								
37082	37084	37086	1	261 lm	176 lm	42 lm	2x LTO 7.2 V / 0.5 Ah	4.85 VA
Recessed ceiling mounting suitable for area lighting with 2 changeable lenses								
37081	37083	37085	1	255 / 285 lm	147 / 165 lm	41 / 46 lm	2x LTO 7.2 V / 0.5 Ah	4.85 VA

## CLASSIC SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code	LED	Φ 1 h	Φ 3 h	+	Autotest	Logica	S~
Recessed ceiling mounting for escape route lighting									
16749	16751	16753	1	261 lm	176 lm	NimH 7.2V / 1.2 Ah	NimH 7.2V / 1.2 Ah	8 VA	
Recessed ceiling mounting suitable for area lighting with 2 changeable lenses									
16748	16750	16752	1	255 / 285 lm	172 / 192 lm	NimH 7.2V / 1.2 Ah	NimH 7.2V / 1.2 Ah	8 VA	

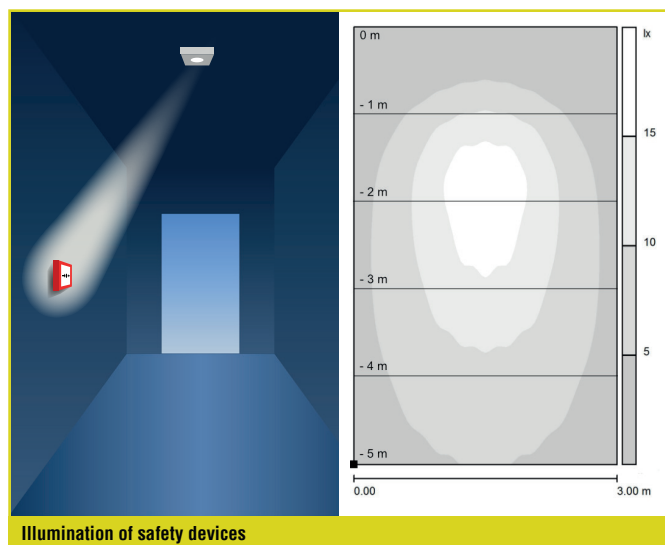
## DECENTRAL SUPPLY

Sicuro24 Order code	LED	Φ	P=
Recessed ceiling mounting for escape route lighting			
32039	1	261 lm	3.8 W
32041 <sup>1</sup>	1	261 lm	3.8 W
Recessed ceiling mounting suitable for area lighting with 2 changeable lenses			
32038	1	255 / 285 lm	3.8 W
32040 <sup>1</sup>	1	255 / 285 lm	3.8 W

## CENTRAL SUPPLY

Sicuro230 Order code	LED	Φ	S~	P=
Recessed ceiling mounting for escape route lighting				
31039	1	261 lm	8.3 VA / 4.1 W	
Recessed ceiling mounting suitable for area lighting with 2 changeable lenses				
31038	1	255 / 285 lm	8.3 VA / 4.1 W	

<sup>1</sup> Version for recessed mounting in fire protection ceilings wire fire resistance class F30 or F90 according to DIN 4102-4. The required device approval approved by the DIBt, e.g. Kaiser-Elektro, article no. 9464-50, is not included



## Please order additional equipment separately

Order code	Description
F95807	Narrow beam lens for surface / recessed ceiling mounted luminaires (area lighting) for <b>escape route lighting</b> at mounting heights > 7.5 m
F95808	Narrow beam lens for surface / recessed ceiling mounted luminaires (area lighting) for <b>area lighting</b> at mounting heights > 7.5 m
F95815	Asymmetrical lens for surface / recessed ceiling mounted luminaires (area lighting) for <b>illumination of the safety devices</b> with 5 lx
F95812	Sheet steel square cover, white RAL 9010 ( <b>escape route lighting</b> )
F95811	Sheet steel square cover, white RAL 9010 ( <b>area lighting</b> )
F95814	Square cover in sheet steel for installation boxes (ds), white RAL 9010 ( <b>escape route lighting</b> )
F95813	Square cover in sheet steel installation boxes (ds), white RAL 9010 ( <b>area lighting</b> )
F95804	Stainless steel round cover ( <b>escape route lighting</b> )
F95803	Stainless steel round cover ( <b>area lighting</b> )

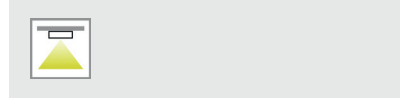


## PLURALUCE65

**Flat design housing and cover in stainless steel.** High-power LED with lighting control through special lenses for asymmetrically-emitted light distribution (illumination of paths with 1 lx), or for symmetrically emitted light distribution (illumination of surfaces with 0.5 lx)

Versions for wall mounting or ceiling mounting

### MOUNTING OPTIONS



### TECHNICAL DATA

**Housing:** Stainless steel, V2A white (RAL 9003)  
Stainless steel, V2A

**Cover:** Methacrylate, klar

**Lens:** Methacrylate, klar

**Service life  $L_{80/20}$ :** 50.000 h

**Color stability:** 3 SDCM



### SELF-CONTAINED SUPPLY

**Specification:** Maintained or non-maintained mode

**Mains supply:** 198 V–254 V/50 Hz

**Ambient temperature:** LTO: -20 °C to +50 °C  
Classic: 0 °C to +40 °C

**Protection class:** I

### DECENTRAL SUPPLY

**Battery supply:** 24 V +/- 20% DC

**Mains supply:** 24 V +/- 20% DC

**Ambient temperature:** -20 °C to +40 °C

**Protection class:** III

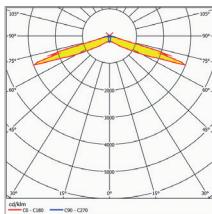
### CENTRAL SUPPLY

**Battery supply:** 176V–276V

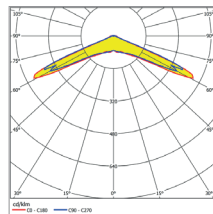
**Mains supply:** 198V–254V/50Hz

**Ambient temperature:** -20 °C to +40 °C

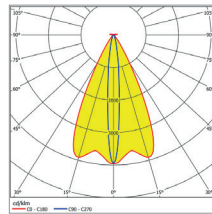
**Protection class:** I



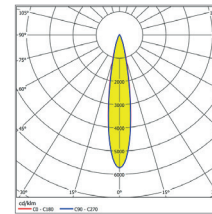
**Asymmetric wide beam**



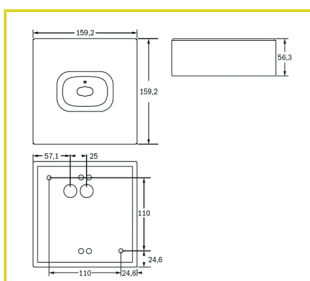
**Symmetric wide beam**



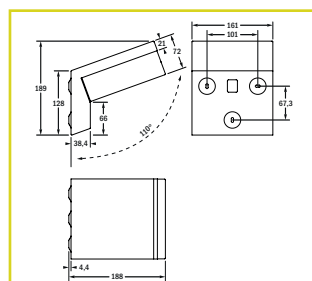
**Asymmetric deep beam**



**Symmetric deep beam**



**Surface ceiling mounting**



**Bracket suspension**



## SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code	LED	Φ 1 h	Φ 3 h	Φ 8 h		
Wall mounted <sup>1</sup> / ceiling mounted suitable for escape route lighting, stainless steel white								
37186	37187	37188	1	238 lm	137 lm	38 lm	2 x LTO 7.2 V / 0.5 Ah	4.85 VA
Wall mounted <sup>1</sup> / ceiling mounted suitable for escape route lighting, stainless steel, V2A								
37192	37193	37194	1	238 lm	137 lm	38 lm	2 x LTO 7.2 V / 0.5 Ah	4.85 VA
Surface wall mounting <sup>1</sup> / surface ceiling mounting suitable for area lighting, stainless steel white								
37183	37184	37185	1	240 lm	139 lm	39 lm	2 x LTO 7.2 V / 0.5 Ah	4.85 VA
Surface wall mounting <sup>1</sup> / surface ceiling mounting suitable for area lighting, stainless steel, V2A								
37189	37190	37191	1	240 lm	139 lm	39 lm	2 x LTO 7.2 V / 0.5 Ah	4.85 VA

## CLASSIC SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code	LED	Φ 1 h	Φ 3 h	Autotest	Logica	
Wall mounted <sup>1</sup> / ceiling mounted suitable for escape route lighting, stainless steel white								
36090	36091	36092	1	238 lm	160 lm	NiMH 7,2V / 1,2 Ah	NiMH 7,2V / 1,2 Ah	8 VA
Wall mounted <sup>1</sup> / ceiling mounted suitable for escape route lighting, stainless steel, V2A								
36096	36097	36098	1	238 lm	160 lm	NiMH 7,2V / 1,2 Ah	NiMH 7,2V / 1,2 Ah	8 VA
Surface wall mounting <sup>1</sup> / surface ceiling mounting suitable for area lighting, stainless steel white								
36087	36088	36089	1	240 lm	162 lm	NiMH 7,2V / 1,2 Ah	NiMH 7,2V / 1,2 Ah	8 VA
Surface wall mounting <sup>1</sup> / surface ceiling mounting suitable for area lighting, stainless steel, V2A								
36093	36094	36095	1	240 lm	162 lm	NiMH 7,2V / 1,2 Ah	NiMH 7,2V / 1,2 Ah	8 VA

## DECENTRAL SUPPLY

Sicuro24 Order code	LED	Φ	P=
Wall mounted <sup>1</sup> / ceiling mounted suitable for escape route lighting, stainless steel white			
32044	1	238 lm	3.8 W
Version in stainless steel, V2A			
32046	1	238 lm	3.8 W
Version deep beam, stainless steel, V2A white			
32048	1	225 lm	3.8 W
Version deep beam, stainless steel, V2A			
32050	1	225 lm	3.8 W
Surface wall mounting <sup>1</sup> / surface ceiling mounting suitable for area lighting, stainless steel white			
32043	1	240 lm	3.8 W
Version in stainless steel, V2A			
32045	1	240 lm	3.8 W
Version deep beam, stainless steel, V2A white			
32047	1	270 lm	3.8 W
Version deep beam, stainless steel, V2A			
32049	1	270 lm	3.8 W

## CENTRAL SUPPLY

Sicuro230 Order code	LED	Φ	S~	P=
Wall mounted <sup>1</sup> / ceiling mounted suitable for escape route lighting, stainless steel white				
31042	1	238 lm	8.3 VA / 4.1 W	
Version in stainless steel, V2A				
31044	1	238 lm	8.3 VA / 4.1 W	
Version deep beam, stainless steel, V2A white				
31046	1	225 lm	8,3 VA / 4,1 W	
Version deep beam, stainless steel, V2A				
31048	1	225 lm	8.3 VA / 4.1 W	
Surface wall mounting <sup>1</sup> / surface ceiling mounting suitable for area lighting, stainless steel white				
31041	1	240 lm	8.3 VA / 4.1 W	
Version in stainless steel, V2A				
31043	1	240 lm	8.3 VA / 4.1 W	
Version deep beam, stainless steel, V2A white				
31045	1	270 lm	8.3 VA / 4.1 W	
Version deep beam, stainless steel, V2A				
31047	1	270 lm	8.3 VA / 4.1 W	

<sup>1</sup> For surface wall mounting please order additional equipment separately

Order code	Description	Order code	Description
F95806-RAL9003	Bracket suspension, V2A white	F95806-INOX	Bracket suspension, V2A



## PLURALUCE65

**High protection.** Flat design housing and cover in stainless steel. High-power LED with lighting control through special lenses for asymmetrically-emitted light distribution (illumination of paths with 1 lx), or for symmetrically emitted light distribution (illumination of surfaces with 0.5 lx).

Versions for recessed ceiling mounting

### MOUNTING OPTIONS



### TECHNICAL DATA

**Housing:** Stainless steel, white (RAL 9003)  
Stainless steel, V2A

**Cover:** Methacrylate, clear

**Lens:** Methacrylate, clear

**Service life  $L_{80}B_{20}$ :** 50.000 h

**Color stability:** 3 SDCM



### SELF-CONTAINED SUPPLY

**Mains supply:**  
198V–254V/50Hz

**Specification:**  
Maintained or  
non-maintained mode

**Ambient temperature:**  
LTO: -20 °C to +50 °C  
Classic: 0 °C to +40 °C

**Protection class:**  
I

### DECENTRAL SUPPLY

**Battery supply:**  
24 V +/- 20% DC

**Mains supply:**  
24 V +/- 20% DC

**Ambient temperature:**  
-20 °C to +40 °C

**Protection class:**  
III

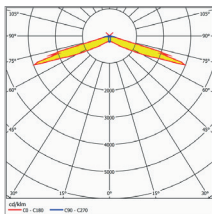
### CENTRAL SUPPLY

**Battery supply:**  
176 V–276 V

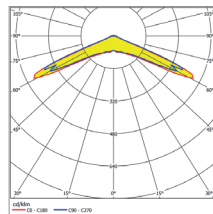
**Mains supply:**  
198 V–254 V/50 Hz

**Ambient temperature:**  
-20 °C to +40 °C

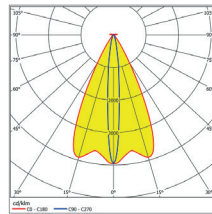
**Protection class:**  
I



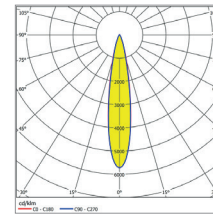
**Asymmetric  
wide beam**



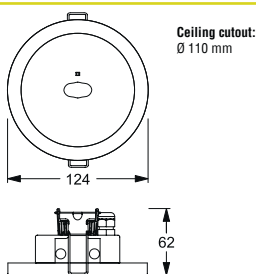
**Symmetric  
wide beam to 3.5 m**



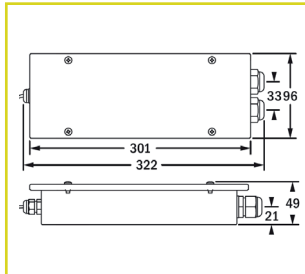
**Asymmetric  
deep beam**



**Symmetric  
deep beam**



**Recessed ceiling mounting**



**Module housing self-contained-S230/S24**



## SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code	LED	Φ 1 h	Φ 3 h	Φ 8 h		S~
Recessed ceiling mounting suitable for escape route lighting, stainless steel, V2A white								
37210	37211	37212	1	238 lm	137 lm	38 lm	2 x LTO 7.2V / 0.5 Ah	4.85 VA
Recessed ceiling mounting suitable for escape route lighting, stainless steel V2A								
37216	37217	37218	1	238 lm	137 lm	38 lm	2 x LTO 7.2V / 0.5 Ah	4.85 VA
Recessed ceiling mounting suitable for area lighting, stainless steel, V2A white								
37207	37208	37209	1	240 lm	139 lm	39 lm	2 x LTO 7.2V / 0.5 Ah	4.85 VA
Recessed ceiling mounting suitable for area lighting, stainless steel V2A								
37213	37214	37215	1	240 lm	139 lm	39 lm	2 x LTO 7.2V / 0.5 Ah	4.85 VA

## CLASSIC SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code	LED	Φ 1 h	Φ 3 h	Autotest	Logica	S~
Recessed ceiling mounting suitable for escape route lighting, stainless steel, V2A white								
36114	36115	36116	1	238 lm	160 lm	NiMH 7.2V / 1.2 Ah	NiMH 7.2V / 1.2 Ah	8 VA
Recessed ceiling mounting suitable for escape route lighting, stainless steel V2A								
36120	36121	36122	1	238 lm	160 lm	NiMH 7.2V / 1.2 Ah	NiMH 7.2V / 1.2 Ah	8 VA
Recessed ceiling mounting suitable for area lighting, stainless steel, V2A white								
36111	36112	36113	1	240 lm	162 lm	NiMH 7.2V / 1.2 Ah	NiMH 7.2V / 1.2 Ah	8 VA
Recessed ceiling mounting suitable for area lighting, stainless steel V2A								
36117	36118	36119	1	240 lm	162 lm	NiMH 7.2V / 1.2 Ah	NiMH 7.2V / 1.2 Ah	8 VA

## DECENTRAL SUPPLY

Sicuro24 Order code	LED	Φ	P=
Recessed ceiling mounting suitable for escape route lighting, stainless steel, V2A white			
32052	1	238 lm	3.8 W
Recessed ceiling mounting suitable for escape route lighting, stainless steel V2A			
32054	1	238 lm	3.8 W
Recessed ceiling mounting suitable for area lighting, stainless steel, V2A white			
32051	1	240 lm	3.8 W
Recessed ceiling mounting suitable for area lighting, stainless steel V2A			
32053	1	240 lm	3.8 W

## CENTRAL SUPPLY

Sicuro230 Order code	LED	Φ	S~	P=
Recessed ceiling mounting suitable for escape route lighting, stainless steel, V2A white				
31050	1	238 lm	8.3VA / 4.1 W	
Recessed ceiling mounting suitable for escape route lighting, stainless steel V2A				
31052	1	238 lm	8.3VA / 4.1 W	
Recessed ceiling mounting suitable for area lighting, stainless steel, V2A white				
31049	1	240 lm	8.3VA / 4.1 W	
Recessed ceiling mounting suitable for area lighting, stainless steel V2A				
31051	1	240 lm	8.3VA / 4.1 W	

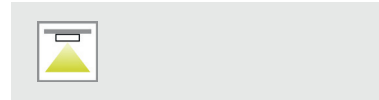


## ALU-K

**Housing made of flat aluminium profiles with angular contours and a clear insert.** High-power LED with lighting control through special lenses for asymmetrically-emitted light distribution (illumination of paths with 1 lx), or for symmetrically emitted light distribution (illumination of surfaces with 0.5 lx)

Versions for surface ceiling mounting

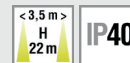
### MOUNTING OPTIONS



### TECHNICAL DATA

**Housing:** Aluminium, anodized  
**Display pane:** Methacrylate, clear  
**Reflector:** Aluminium, specular

**Service life  $L_{50/B_{20}}$ :** 50.000 h  
**Color stability:** 3 SDCM



### SELF-CONTAINED SUPPLY

**Mains supply:**  
198 V–254 V/50 Hz

**Specification:**  
Maintained or non-maintained mode

**Ambient temperature:**  
LTO: -20 °C to +50 °C  
Classic: 0 °C to +40 °C  
**Protection class:**  
I

### DECENTRAL SUPPLY

**Battery supply:**  
24V +/- 20% DC

**Mains supply:**  
24V +/- 20% DC

**Ambient temperature:**  
-20 °C to +40 °C

**Protection class:**  
III

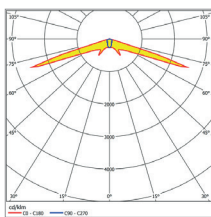
### CENTRAL SUPPLY

**Battery supply:**  
176 V–276 V

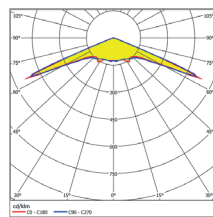
**Mains supply:**  
198V–254V/50Hz

**Ambient temperature:**  
-20 °C to +40 °C

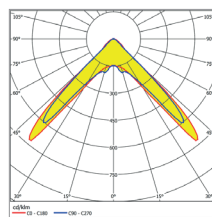
**Protection class:**  
I



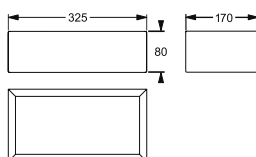
**Asymmetric wide beam**



**Symmetric wide beam to 3.5 m**



**Symmetric wide beam to 7 m**



**Surface ceiling mounting**



## SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code	LED	Φ 1 h	Φ 3 h	Φ 8 h		S~
Surface ceiling mounting suitable for escape route lighting and area lighting with 2 changeable lenses								
37051	37052	37053	1	Escape route 232 lm Area 234 / 238 lm	Escape route 134 lm Area 135 / 137 lm	Escape route 37 lm Area 38 / 38 lm	2 x LTO 7.2 V / 0.5 Ah	4.85 VA

## CLASSIC SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code	LED	Φ 1 h	Φ 3 h	Autotest	Logica	S~
Surface ceiling mounting suitable for escape route lighting and area lighting with 2 changeable lenses								
36051	36052	36053	1	Escape route 232 lm Area 234 / 238 lm	Escape route 156 lm Area 158 / 160 lm	NiMH 7.2V / 0.6 Ah	NiMH 7.2V / 1.2 Ah	8 VA

## DECENTRAL SUPPLY

Sicuro24 Order code	LED	Φ	P=
Surface ceiling mounting suitable for escape route lighting and area lighting with 2 changeable lenses			
32017	1	Escape route 232 lm Area 234 / 238 lm	3.8 W

## CENTRAL SUPPLY

Sicuro230 Order code	LED	Φ	S~	P=
Surface ceiling mounting suitable for escape route lighting and area lighting with 2 changeable lenses				
31017	1	Escape route 232 lm Area 234 / 238 lm	8.3VA / 4.1 W	

Please order additional equipment separately

Order code	Description
F95724	Wire guard



## KUBUS

**Housing made of flat sheet steel profiles with angular contours and a clear insert.** High-power LED with lighting control through special lenses for asymmetrically-emitted light distribution (illumination of paths with 1 lx), or for symmetrically emitted light distribution (illumination of surfaces with 0.5 lx)

Versions for surface ceiling mounting

### MOUNTING OPTIONS



### TECHNICAL DATA

**Housing:** Sheet steel, white (RAL 9003)  
**Display pane:** Methacrylate, clear  
**Reflector:** Aluminium, specular

**Service life  $L_{50}B_{20}$ :** 50.000 h  
**Color stability:** 3 SDCM



### SELF-CONTAINED SUPPLY

**Mains supply:**  
198 V–254 V / 50 Hz

**Specification:**  
Maintained or  
non-maintained mode

**Ambient temperature:**  
LTO: -20 °C to +50 °C  
Classic: 0 °C to +40 °C  
**Protection class:**  
I

### DECENTRAL SUPPLY

**Battery supply:**  
24V +/- 20% DC

**Mains supply:**  
24 V +/- 20% DC

**Ambient temperature:**  
-20 °C to +40 °C

**Protection class:**  
III

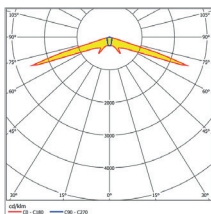
### CENTRAL SUPPLY

**Battery supply:**  
176 V–276 V

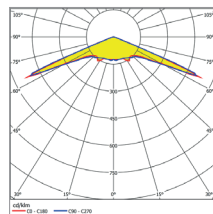
**Mains supply:**  
198 V–254 V / 50 Hz

**Ambient temperature:**  
-20 °C to +40 °C

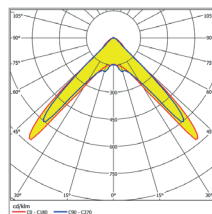
**Protection class:**  
I



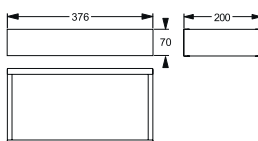
Asymmetric  
wide beam



Symmetric wide beam  
to 3.5 m



Symmetric wide beam  
to 7 m



Surface ceiling mounting





## SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code	LED	Φ 1 h	Φ 3 h	Φ 8 h		S~
------------------------	----------------------	-------------------------	-----	-------	-------	-------	--	----

Surface ceiling mounting suitable for escape route lighting and area lighting with 2 changeable lenses

37030	37031	37032	1	Escape route 232 lm	Escape route 134 lm	Escape route 37 lm	2 x LTO 7.2 V / 0.5 Ah	4.85 VA
				Area 234 / 238 lm	Area 135 / 137 lm	Area 38 / 38 lm		

## CLASSIC SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code	LED	Φ 1 h	Φ 3 h	Autotest	Logica	S~
------------------------	----------------------	-------------------------	-----	-------	-------	----------	--------	----

Surface ceiling mounting suitable for escape route lighting and area lighting with 2 changeable lenses

36030	36031	36032	1	Escape route 232 lm	Escape route 156 lm	NiMH 7.2V / 0.6 Ah	NiMH 7.2V / 1.2 Ah	8 VA
				Area 234 / 238 lm	Area 158 / 160 lm			

## DECENTRAL SUPPLY

Sicuro24 Order code	LED	Φ	P=
------------------------	-----	---	----

Surface ceiling mounting suitable for escape route lighting and area lighting with 2 changeable lenses

32010	1	Escape route 232 lm	3.8 W
		Area 234 / 238 lm	

## CENTRAL SUPPLY

Sicuro230 Order code	LED	Φ	S~	P=
-------------------------	-----	---	----	----

Surface ceiling mounting suitable for escape route lighting and area lighting with 2 changeable lenses

31010	1	Escape route 232 lm	8.3VA / 4.1 W
		Area 234 / 238 lm	

Please order additional equipment separately

Order code	Description
F95032K	Wire guard

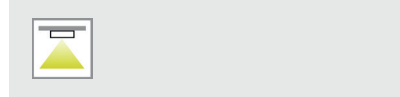


## KUBUS65

**Housing made of flat sheet steel profiles with angular contours and a clear insert.** Lighting control is provided by a aluminium reflector. Lighting control is provided by a highly reflective aluminium reflector. Version in stainless steel is just suitable for indoor solutions.

Version for surface ceiling mounting

### MOUNTING OPTIONS



### TECHNICAL DATA

**Housing:** Sheet steel, white (RAL 9003)  
Stainless steel, V2A

**Cover:** Methacrylate, clear

**Reflector:** Aluminium, specular

**Service life  $L_{80B_{20}}$ :** 50.000 h

**Color stability:** 3 SDCM



### SELF-CONTAINED SUPPLY

**Mains supply:** 198 V–254 V / 50 Hz

**Specification:** Maintained or non-maintained mode

**Ambient temperature:** LTO: -20 °C to +50 °C  
Classic: 0 °C to +40 °C

**Protection class:** I

### DECENTRAL SUPPLY

**Battery supply:** 24V +/- 20% DC

**Mains supply:** 24V +/- 20% DC

**Ambient temperature:** -20 °C to +40 °C

**Protection class:** III

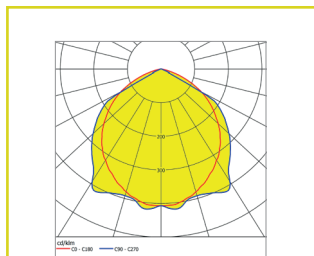
### CENTRAL SUPPLY

**Battery supply:** 176 V–276 V

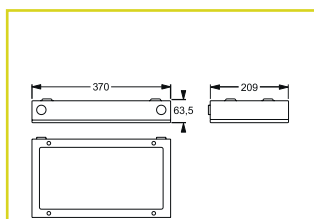
**Mains supply:** 198V–254V/50Hz

**Ambient temperature:** -20 °C to +40 °C

**Protection class:** I



Polar diagram



Surface ceiling mounting



## SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code	LED	Φ 1 h	Φ 3 h	Φ 8 h		S~
Surface ceiling mounting suitable for escape route lighting								
<b>37060</b>	<b>37061</b>	<b>37062</b>	48	336 lm	168 lm	46 lm	2 x LTO 7.2 V / 0.5 Ah	4.85 VA
Version in V2A								
<b>37066</b>	<b>37067</b>	<b>37068</b>	48	336 lm	168 lm	46 lm	2 x LTO 7.2 V / 0.5 Ah	4.85 VA

## CLASSIC SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code	LED	Φ 1 h	Φ 3 h	Autotest	Logica	S~
Surface ceiling mounting suitable for escape route lighting								
<b>36060</b>	<b>36061</b>	<b>36062</b>	48	336 lm	227 lm	NiMH 7.2V / 0.6 Ah	NiMH 7.2V / 1.2 Ah	10 VA
Version in V2A								
<b>36072</b>	<b>36073</b>	<b>36074</b>	48	336 lm	227 lm	NiMH 7.2V / 0.6 Ah	NiMH 7.2V / 1.2 Ah	10 VA



## DECENTRAL SUPPLY

Sicuro24 Order code	LED	Φ	P=
Surface ceiling mounting suitable for escape route lighting			
<b>32020</b>	48	350 lm	4.3 W
Version in V2A			
<b>32022</b>	48	350 lm	4.3 W



## CENTRAL SUPPLY

Sicuro230 Order code	LED	Φ	S~	P=
Surface ceiling mounting suitable for escape route lighting				
<b>31020</b>	48	350 lm	9.4 VA / 4.7 W	
Version in V2A				
<b>31022</b>	48	350 lm	9.4 VA / 4.7 W	

Please order additional equipment separately

Order code	Description
F95607	Wire guard



## ACCIAIO

**High protection.** The housing is made of zinc-coated sheet steel, the caps are made of plastic and the insert is made of tempered glass. The caps and the insert are securely fastened to the housing. Lighting control is provided by a highly reflective aluminium reflector. Single or double-sided escape route signage is provided thanks to exchangeable display inserts. Explosion protection for zone 2 (II 3G Ex nA IIB T4) and zone 22 (II 3D Ex tD A22 T100). Extremely resistant to both mechanical and chemical stress.

Versions for wall mounting and ceiling mounting with swivelling mount or for chain/cable mounting

### MOUNTING OPTIONS



### TECHNICAL DATA

<b>Housing:</b>	Sheet steel, galvanized, grey (RAL 7040)	<b>Service life <math>L_{80B_{20}}</math>:</b>	50.000 h
<b>Caps:</b>	Polycarbonate / polybutyleneterephthalate, grey (RAL 7040)	<b>Color stability:</b>	3 SDCM
<b>Display pane:</b>	Tempered glass, structured		
<b>Reflector:</b>	Aluminium, specular		



### SELF-CONTAINED SUPPLY

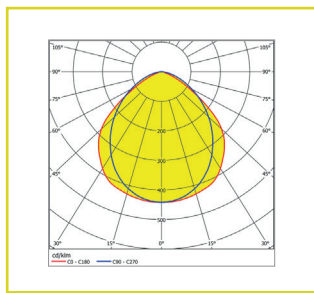
<b>Mains supply:</b> 198 V–254 V/50 Hz	<b>Ambient temperature:</b> LTO: -40 °C to +40 °C Classic: 0 °C to +40 °C
<b>Specification:</b> Maintained or non-maintained mode	<b>Protection class:</b> I

### DECENTRAL SUPPLY

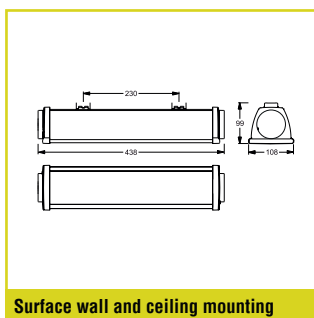
<b>Battery supply:</b> 24 V +/- 20% DC	<b>Ambient temperature:</b> -20 °C to +40 °C
<b>Mains supply:</b> 24 V +/- 20% DC	<b>Protection class:</b> III

### CENTRAL SUPPLY

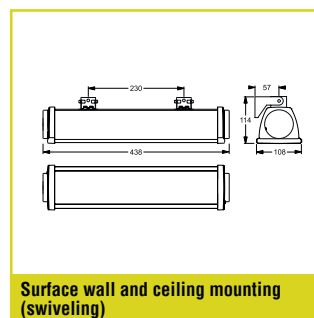
<b>Battery supply:</b> 176 V–276 V	<b>Ambient temperature:</b> -20 °C to +40 °C
<b>Mains supply:</b> 198 V–254 V/50 Hz	<b>Protection class:</b> I



Polar diagram



Surface wall and ceiling mounting



Surface wall and ceiling mounting (swivelling)



## SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code	LED	Φ 1 h	Φ 3 h	Φ 8 h		S~
Surface wall and ceiling mounting, chain/wire suspension for escape route lighting								
37090	37091	37092	32	400 lm	200 lm	55 lm	2 x LTO 7.2 V / 0.5 Ah	4.85 VA

## CLASSIC SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code	LED	Φ 1 h	Φ 3 h	Autotest	Logica	S~
Surface wall and ceiling mounting, chain/wire suspension for escape route lighting								
15030	15030	15031	32	400 lm	200 lm	NiMH 7.2V / 1.2 Ah	NiMH 7.2V / 1.2 Ah	10 VA
15032 <sup>1</sup>	15032 <sup>1</sup>	15033 <sup>1</sup>	32	800 lm	270 lm	NiMH 7.2V / 1.7 Ah	NiMH 7.2V / 1.7 Ah	1.7 VA

## DECENTRAL SUPPLY

Sicuro24 Order code	LED	Φ	P=
Surface wall and ceiling mounting, chain/wire suspension for escape route lighting			
32092 <sup>1</sup>	32	800 lm	8 W <sup>2</sup>
		1.600 lm	16 W <sup>2</sup>

## CENTRAL SUPPLY

Sicuro230 Order code	LED	Φ	S~	P=
Surface wall and ceiling mounting, chain/wire suspension for escape route lighting				
31053	32	1.600 lm	25 VA / 22.8 W <sup>2</sup>	

<sup>1</sup> Only for non maintained mode<sup>2</sup> Programmable via decentral supply

## Included in standard delivery

Order code	Description
20122	Wall and ceiling bracket, swiveling



## ACCIAIO HIGH

**High protection with high impact strength.** Housing made of steel with die-cast aluminium caps. High-power LED with lighting control through special lenses for asymmetrically-emitted light distribution at extremely high luminaire intervals of > 100 m at heights of 2.5 to 20 m, e.g. in tunnels or hangars (illumination of paths with 1 lx).

Extremely resistant to both mechanical and chemical stress with wall bracket, swiveling

Version for wall mounting or ceiling mounting

### MOUNTING OPTIONS



### TECHNICAL DATA

**Housing:** Sheet steel, grey (RAL 7035)  
**Caps:** Aluminium, grey (RAL 7035)  
**Lens:** Methacrylate

**Service life  $L_{50}B_{20}$ :** 50.000 h  
**Color stability:** 3 SDCM



### DECENTRAL SUPPLY

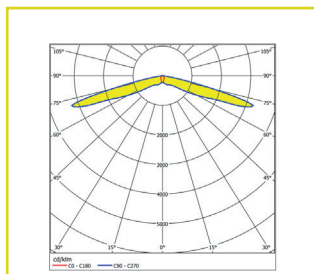
**Battery supply:**  
24 V +/- 20% DC  
**Mains supply:**  
24 V +/- 20% DC

**Ambient temperature:**  
-20 °C to +40 °C  
**Protection class:**  
I / III

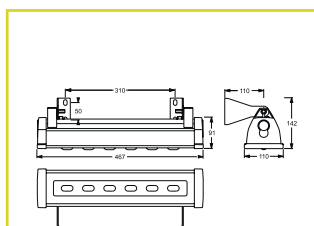
### CENTRAL SUPPLY

**Battery supply:**  
176 V–276 V  
**Mains supply:**  
198V–254V/50Hz

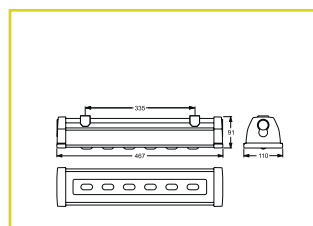
**Ambient temperature:**  
-20 °C to +40 °C  
**Protection class:**  
I



Polar diagram






Surface wall mounting







Surface ceiling mounting

**SICURO** LED DECENTRAL SUPPLY

Sicuro24 Order code	LED 	Φ 	P= 
Surface wall and ceiling mounting, chain/wire suspension for escape route lighting			
<b>32084</b>	6	750 lm 1.500 lm	8 W / 16 W <sup>1</sup>

<sup>1</sup> Programmable via decentral supply

**SICURO** LED CENTRAL SUPPLY

Sicuro230 Order code	LED 	Φ 	S~ 	P= 
Surface wall and ceiling mounting, chain/wire suspension for escape route lighting				
<b>31114</b>	6	2.250 lm	26 VA / 23.5 W	
Surface wall and ceiling mounting, chain/wire suspension for escape route lighting, EVG				
<b>31115</b>	6	2.250 lm	25.5 VA / 22 W	

**Included in standard delivery**

Order code	Description
<b>15015</b>	Wall bracket, swiveling (+/- 90°) <sup>1</sup>

<sup>1</sup> 1 wall bracket per luminaire necessary



## FORMULA65

**High protection.** Housing with convex light-emitting surface and clear cover with click fasteners. Lighting control is provided by a plastic reflector. The Extreme version comes with a higher case.

Versions for surface wall mounting and surface ceiling mounting or with additional equipment for recessed wall mounting, recessed ceiling mounting and wire or rod suspension mounting

### MOUNTING OPTIONS



### MOUNTING OPTIONS WITH EQUIPMENT



### TECHNICAL DATA

**Housing:** Polycarbonate, white (RAL 9003)  
**Cover:** Polycarbonate, clear  
**Reflector:** Polycarbonate, white

**Service life  $L_{80, B_{20}}$ :** 50.000 h  
**Color stability:** 3 SDCM



### SELF-CONTAINED SUPPLY

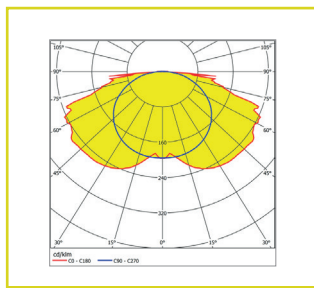
**Mains supply:** 198 V–254 V/50 Hz  
**Specification:** Maintained or non-maintained mode  
**Ambient temperature:** LTO: -20 °C to +50 °C  
 Classic: 0 °C to +40 °C  
**Protection class:** II

### DECENTRAL SUPPLY

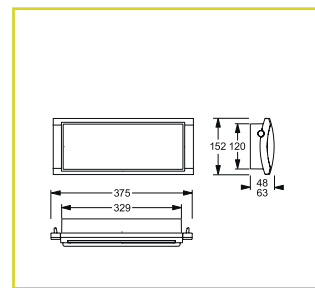
**Battery supply:** 24 V +/- 20% DC  
**Mains supply:** 24 V +/- 20% DC  
**Ambient temperature:** -20 °C to +40 °C  
**Protection class:** III

### CENTRAL SUPPLY

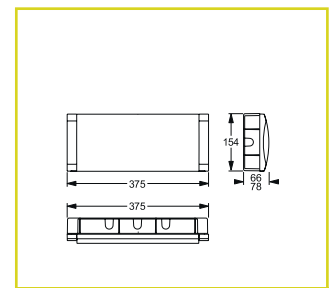
**Battery supply:** 176 V–276 V  
**Mains supply:** 198V–254V/50Hz  
**Ambient temperature:** -20 °C to +40 °C  
**Protection class:** II



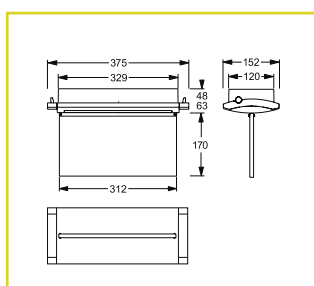
Polar diagram



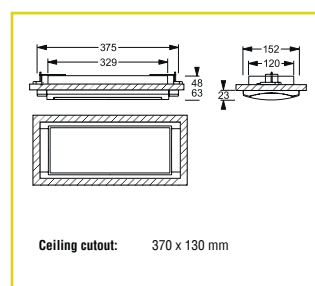
Surface wall mounting



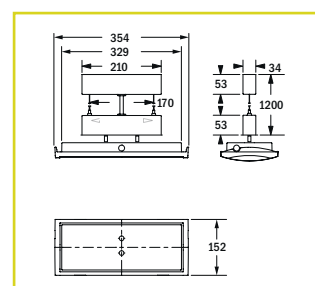
Recessed wall mounting



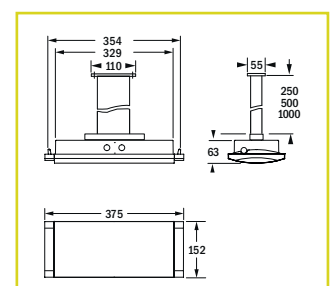
Surface ceiling mounting



Recessed ceiling mounting



Suspension wire



Suspension rod, rectangular





## SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code	LED	Φ 1 h	Φ 3 h	Φ 8 h	Battery icon	S~
Surface or recessed wall or ceiling mounting, suspension for escape route lighting <sup>1</sup>								
19296	19296+15036 <sup>2</sup>	19296+15037 <sup>2</sup>	22	800 lm			2 x LTO 4.8 V / 1.2 Ah	13 VA
19296-3 h	19296-3 h+15036 <sup>2</sup>	19296-3 h+15037 <sup>2</sup>	22		280 lm		2 x LTO 4.8 V / 1.2 Ah	13 VA
19296-8 h	19296-8 h+15036 <sup>2</sup>	19296-8 h+15037 <sup>2</sup>	22			115 lm	2 x LTO 4.8 V / 1.2 Ah	13 VA

## CLASSIC SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code	LED	Φ 1 h	Φ 3 h	Autotest Battery icon	Logica Battery icon	S~
Surface or recessed wall or ceiling mounting, suspension for escape route lighting <sup>1</sup>								
19270 + RA03	19270 + RA03 <sup>3</sup>	19276 + RA03 <sup>3</sup>	22	800 lm	270 lm	NiMH 3.2V / 1.7 Ah	NiMH 3.2V / 1.7 Ah	8 VA

## DECENTRAL SUPPLY

Sicuro24 Order code	LED	Φ	P=
Surface or recessed wall or ceiling mounting for escape route lighting, Extreme version <sup>1</sup>			
32094	32	400 lm	3.8 W

## CENTRAL SUPPLY

Sicuro230 Order code	LED	Φ	S~	P=
Surface or recessed wall or ceiling mounting for escape route lighting, Extreme version <sup>1</sup>				
31124	32	400 lm	8.3 VA / 4.1 W	

<sup>1</sup> For recessed wall / ceiling mounting or suspension or bracket mounting please order required equipment separately

<sup>2</sup> Logica module (15036) and Logica FM module (15037) please order separately

<sup>3</sup> Additional battery NiMH (RA03) please order separately

## Please order additional equipment separately

Order code	Description
F95067	Adaptor for suspension rod
F95943	Adapter for suspension mounting
F95961	Adapter for suspension mounting (Extreme version)
19045	Bracket suspension
F95600	Suspension rod, rectangular, 250 mm
F95601	Suspension rod, rectangular, 500 mm
F95602	Suspension rod, rectangular, 1.000 mm
F95942	Cover for bracket suspension
19040	Housing for walls
19048	Housing For walls (Extreme Version)
19041	Box for recessed wall mounting
19049	Box for recessed wall mounting (Extreme Version)
12194	Wire guard
15036	Logica module
15037	Logica FM module
RA03	Additional battery NiMH 3.6 V / 1.7 Ah



## LOGICA

**Housing has a compact design with planar light-emitting surface and a clear insert.** Lighting control is provided by a plastic reflector.

Versions for surface wall mounting and surface ceiling mounting or with additional equipment for recessed wall mounting and recessed ceiling mounting

### MOUNTING OPTIONS



### MOUNTING OPTIONS WITH EQUIPMENT



## TECHNICAL DATA

<b>Housing:</b>	Polycarbonate, grey (RAL 7035)
<b>Cover:</b>	Polycarbonate, clear
<b>Reflector:</b>	Polycarbonate, specular
<b>Type of protection:</b>	IP65 (surface and recessed wall mounting), IP40 (surface and recessed ceiling mounting)

<b>Service life <math>L_{80}B_{20}</math>:</b>	50.000 h
<b>Color stability:</b>	3 SDCM



## SELF-CONTAINED SUPPLY

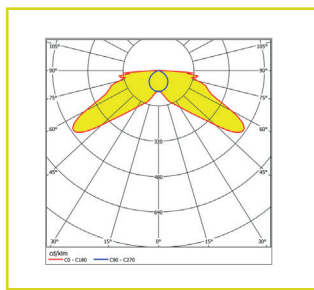
<b>Mains supply:</b> 198 V–254 V/50 Hz	<b>Ambient temperature:</b> 0 °C to +40 °C
<b>Specification:</b> Maintained or non-maintained mode	<b>Protection class:</b> II

## DECENTRAL SUPPLY

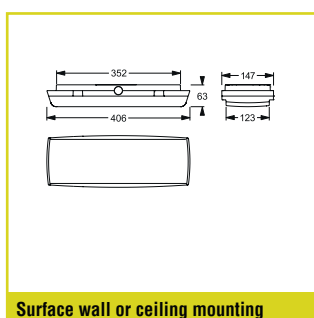
<b>Battery supply:</b> 24 V +/- 20% DC	<b>Ambient temperature:</b> -20 °C to +40 °C
<b>Mains supply:</b> 24 V +/- 20% DC	<b>Protection class:</b> II / III

## CENTRAL SUPPLY

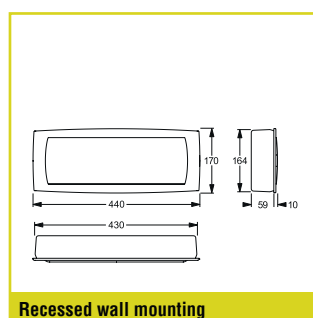
<b>Battery supply:</b> 176 V–276 V	<b>Ambient temperature:</b> -20 °C to +40 °C
<b>Mains supply:</b> 198 V–254 V/50 Hz	<b>Protection class:</b> II



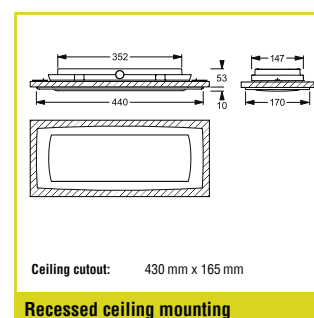
Polar diagram



Surface wall or ceiling mounting



Recessed wall mounting



Recessed ceiling mounting

## CLASSIC SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code	LED	Φ 1 h	Φ 3 h	Autotest	Logica	S~
Surface wall or ceiling mounting, recessed ceiling mounting for escape route lighting <sup>1</sup>								
12187S	12187S	12187FMS	30	1.500 lm	700 lm	NiMH 7.2V / 4 Ah	NiMH 7.2V / 4 Ah	15 VA

## SICURO<sup>LED</sup> DECENTRAL SUPPLY

Sicuro24 Order code	LED	Φ	P=
Surface wall or ceiling mounting, recessed ceiling mounting for escape route lighting <sup>1</sup>			
32089	30	600 lm	4.3 W

## SICURO<sup>LED</sup> CENTRAL SUPPLY

Sicuro230 Order code	LED	Φ	S~	P=
Surface wall or ceiling mounting, recessed ceiling mounting for escape route lighting <sup>1</sup>				
31099	30	900 lm	12 VA / 10.4 W	

<sup>1</sup> For recessed wall and ceiling mounting please and suspension please order additional equipment separately

Please order additional equipment separately	
Order code	Description
12193	Kit for recessed ceiling mounting
12194	Wire guard
12198	Kit for recessed wall mounting



## AESTETICA

Housing has a compact design with planar light-emitting surface and a clear insert. Lighting control is provided by a plastic reflector.

Versions for surface wall mounting and surface ceiling mounting or with additional equipment for recessed wall mounting and recessed ceiling mounting

### MOUNTING OPTIONS



### MOUNTING OPTIONS WITH EQUIPMENT



## TECHNICAL DATA

**Housing:** Polycarbonate, white (RAL 9003)  
**Cover:** Polycarbonate, clear  
**Reflector:** Polycarbonate, white

**Service life  $L_{90B_{20}}$ :** 50.000 h  
**Color stability:** 3 SDCM



## SELF-CONTAINED SUPPLY

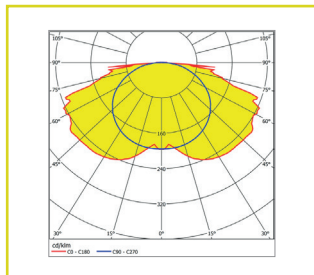
**Mains supply:** 198 V–254 V/50 Hz  
**Specification:** Maintained or non-maintained mode  
**Ambient temperature:** 0 °C to +40 °C  
**Protection class:** II

## DECENTRAL SUPPLY

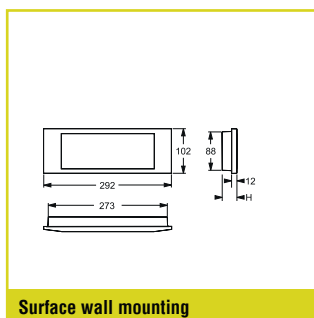
**Battery supply:** 24 V +/- 20% DC  
**Mains supply:** 24 V +/- 20% DC  
**Ambient temperature:** -20 °C to +40 °C  
**Protection class:** III

## CENTRAL SUPPLY

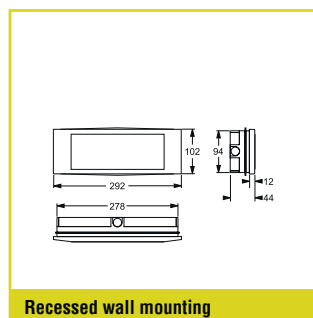
**Battery supply:** 176 V–276 V  
**Mains supply:** 198 V–254 V/50 Hz  
**Ambient temperature:** -20 °C to +40 °C  
**Protection class:** II



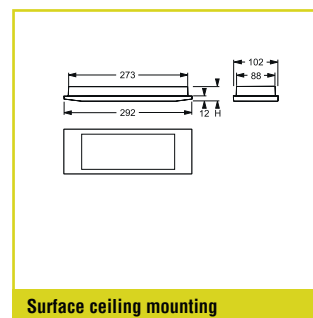
Polar diagram



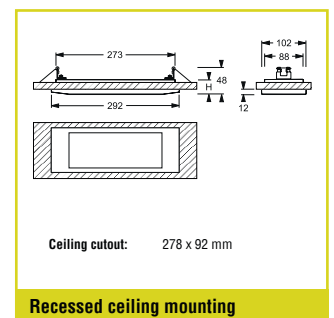
Surface wall mounting



Recessed wall mounting



Surface ceiling mounting



Recessed ceiling mounting

## CLASSIC SELF-CONTAINED SUPPLY

Classic  
Order code



Surface and recessed wall/ceiling mounting, suspension for escape route lighting<sup>1</sup>

16225	16	105 lm	NiMH 3.6 V / 1.2 Ah	11 VA
16226	32	190 lm	2 x NiMH 3.6 V / 1.2 Ah	11 VA

**DECENTRAL SUPPLY**

Sicuro24  
Order code



Surface and recessed wall/ceiling mounting, suspension for escape route lighting<sup>1</sup>

32069	20	120 lm	1.7 W
-------	----	--------	-------

**CENTRAL SUPPLY**

Sicuro230  
Order code



Surface and recessed wall/ceiling mounting, suspension for escape route lighting<sup>1</sup>

31098	20	120 lm	4.8 VA / 1.8 W
-------	----	--------	----------------

<sup>1</sup> For recessed wall and ceiling mounting please and suspension please order additional equipment separately

**Please order additional equipment separately**

Order code	Description
3733	Kit for recessed wall mounting
4266	Kit for recessed ceiling mounting
4265	Bracket suspension



## LUMAX

**Combined general and safety luminaire.** Round luminaire in a sheet steel housing with a domed diffuser made of opal plastic (PC). Homogeneous light emission.

Versions for wall mounting or ceiling mounting

Also available as a luminaire for general lighting

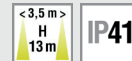
### MOUNTING OPTIONS



### TECHNICAL DATA

**Housing:** Sheet steel, white (RAL 9003)  
**Diffusor:** Methacrylate, opal

**Service life  $L_{80B_{20}}$ :** 50.000 h  
**Color stability:** 3 SDCM



### SELF-CONTAINED SUPPLY

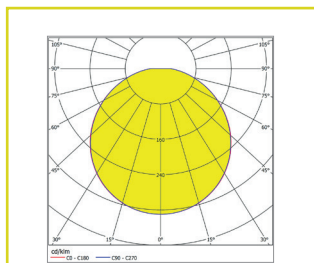
**Mains supply:** 198 V–254 V / 50 Hz  
**Specification:** Maintained or non-maintained mode  
**Ambient temperature:** LTO: -20 °C to +50 °C  
 Classic: 0 °C to +40 °C  
**Protection class:** I

### DECENTRAL SUPPLY

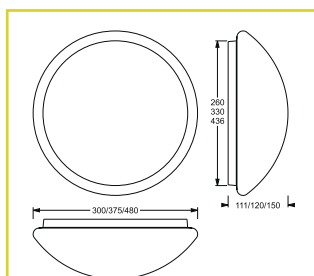
**Battery supply:** 24 V +/- 20% DC  
**Mains supply:** 24 V +/- 20% DC  
**Ambient temperature:** -20 °C to +40 °C  
**Protection class:** I / III

### CENTRAL SUPPLY

**Battery supply:** 176 V–276 V  
**Mains supply:** 198 V–254 V / 50 Hz  
**Ambient temperature:** -20 °C to +40 °C  
**Protection class:** I



Polar diagram



Surface wall or ceiling mounting

Data as mains luminaire Order code	P	LED	Φ	T <sub>c</sub>	R <sub>a</sub>
37105 / 37106 / 37107 / 36138 / 36139 / 36140 / 32060 / 31063 / 31062	18 W / 19.5 W	68	1.700 lm	3.000 K	> 80
37102 / 37103 / 37104 / 36135 / 36136 / 36137 / 32059 / 31059 / 31058	18 W / 19.5 W	68	1.700 lm	4.000 K	> 80
37111 / 37112 / 37113 / 36144 / 36145 / 36146 / 32062 / 31071 / 31070	24 W / 25.5 W	88	2.450 lm	3.000 K	> 80
37108 / 37109 / 37110 / 36141 / 36142 / 36143 / 32061 / 31067 / 31066	24 W / 25.5 W	88	2.450 lm	4.000 K	> 80
37117 / 37118 / 37119 / 36147 / 36148 / 36149 / 32064 / 31079 / 31078	24 W / 25.5 W	88	3.650 lm	3.000 K	> 80
37114 / 37115 / 37116 / 36147 / 36148 / 36149 / 32063 / 31075 / 31074	24 W / 25.5 W	88	3.650 lm	4.000 K	> 80



## SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code	LED	Φ 1 h	Φ 3 h	Φ 8 h		S~
Version with 3 K, surface wall or ceiling mounting for escape route lighting								
37105 (Ø 300 mm)	37106 (Ø 300 mm)	37107 (Ø 300 mm)	68	315 lm	158 lm	43 lm	2 x LTO 7.2 V / 0.5 Ah	21.5 VA
37111 (Ø 375 mm)	37112 (Ø 375 mm)	37113 (Ø 375 mm)	88	315 lm	158 lm	43 lm	2 x LTO 7.2 V / 0.5 Ah	27.5 VA
37117 (Ø 480 mm)	37118 (Ø 480 mm)	37119 (Ø 480 mm)	88	315 lm	158 lm	43 lm	2 x LTO 7.2 V / 0.5 Ah	40.5 VA
Version with 4 K, surface wall or ceiling mounting for escape route lighting								
37102 (Ø 300 mm)	37103 (Ø 300 mm)	37104 (Ø 300 mm)	68	315 lm	158 lm	43 lm	2 x LTO 7.2 V / 0.5 Ah	21.5 VA
37108 (Ø 375 mm)	37109 (Ø 375 mm)	37110 (Ø 375 mm)	88	315 lm	158 lm	43 lm	2 x LTO 7.2 V / 0.5 Ah	27.5 VA
37114 (Ø 480 mm)	37115 (Ø 480 mm)	37116 (Ø 480 mm)	88	315 lm	158 lm	43 lm	2 x LTO 7.2 V / 0.5 Ah	40.5 VA

## CLASSIC SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code	LED	Φ 1 h	Φ 3 h	Autotest	Logica	S~
Version with 3 K, surface wall or ceiling mounting for escape route lighting								
36138 (Ø 300 mm)	36139 (Ø 300 mm)	36140 (Ø 300 mm)	68	315 lm	213 lm	NiMH 7.2V / 0.6 Ah	NiMH 7.2V / 1.2 Ah	25.5 VA
36144 (Ø 375 mm)	36145 (Ø 375 mm)	36146 (Ø 375 mm)	88	315 lm	213 lm	NiMH 7.2V / 0.6 Ah	NiMH 7.2V / 1.2 Ah	31.5 VA
36150 (Ø 480 mm)	36151 (Ø 480 mm)	36152 (Ø 480 mm)	88	315 lm	213 lm	NiMH 7.2V / 0.6 Ah	NiMH 7.2V / 1.2 Ah	44.5 VA
Version with 4 K, surface wall or ceiling mounting for escape route lighting								
36135 (Ø 300 mm)	36136 (Ø 300 mm)	36137 (Ø 300 mm)	68	315 lm	213 lm	NiMH 7.2V / 0.6 Ah	NiMH 7.2V / 1.2 Ah	25.5 VA
36141 (Ø 375 mm)	36142 (Ø 375 mm)	36143 (Ø 375 mm)	88	315 lm	213 lm	NiMH 7.2V / 0.6 Ah	NiMH 7.2V / 1.2 Ah	31.5 VA
36147 (Ø 480 mm)	36148 (Ø 480 mm)	36149 (Ø 480 mm)	88	315 lm	213 lm	NiMH 7.2V / 0.6 Ah	NiMH 7.2V / 1.2 Ah	44.5 VA

SICURO<sup>®</sup> DECENTRAL SUPPLY

Sicuro24 Order code	LED	Φ	P=
Version with 3 K, surface wall or ceiling mounting for escape route lighting			
32060 (Ø 300 mm)	68	315 lm	4.3 W
32062 (Ø 375 mm)	88	315 lm	4.3 W
32064 (Ø 480 mm)	88	315 lm	4.3 W
Version with 4 K, surface wall or ceiling mounting for escape route lighting			
32059 (Ø 300 mm)	68	315 lm	4.3 W
32061 (Ø 375 mm)	88	315 lm	4.3 W
32063 (Ø 480 mm)	88	315 lm	4.3 W

SICURO<sup>®</sup> CENTRAL SUPPLY

Sicuro230 Order code	LED	Φ	S~	P=
Version with 3 K with single monitoring, surface wall or ceiling mounting for escape route lighting with reduced power in battery operation				
31063 (Ø 300 mm)	8 (60°)	315 lm	20 VA / 4.7 W	
31071 (Ø 375 mm)	8 (80°)	315 lm	26 VA / 4.7 W	
31079 (Ø 480 mm)	8 (80°)	315 lm	37.5 VA / 4.7 W	
Version with 4 K with single monitoring, surface wall or ceiling mounting for escape route lighting with reduced power in battery operation				
31059 (Ø 300 mm)	8 (60°)	315 lm	20 VA / 4.7 W	
31067 (Ø 375 mm)	8 (80°)	315 lm	26 VA / 4.7 W	
31075 (Ø 480 mm)	8 (80°)	315 lm	26 VA / 4.7 W	
Version with 3 K with single monitoring, surface wall or ceiling mounting for escape route lighting without reduced power in battery operation				
31062 (Ø 300 mm)	68	1.750 lm	20 VA / 18.5 W	
31070 (Ø 375 mm)	88	2.450 lm	26 VA / 24.5 W	
31078 (Ø 480 mm)	88	3.650 lm	39 VA / 37.5 W	
Version with 3 K with single monitoring, surface wall or ceiling mounting for escape route lighting without reduced power in battery operation				
31058 (Ø 300 mm)	68	1.750 lm	20 VA / 18.5 W	
31066 (Ø 375 mm)	88	2.450 lm	26 VA / 24.5 W	
31074 (Ø 480 mm)	88	3.650 lm	39 VA / 37.5 W	
Version with 3 K without single monitoring (EVG), surface wall or ceiling mounting for escape route lighting with reduced power in battery operation				
31065 (Ø 300 mm)	8 (60°)	315 lm	20 VA / 5.4 W	
31073 (Ø 375 mm)	8 (80°)	315 lm	26 VA / 5.4 W	
31081 (Ø 480 mm)	8 (80°)	315 lm	39 VA / 5.4 W	
Version with 4 K without single monitoring (EVG), surface wall or ceiling mounting for escape route lighting with reduced power in battery operation				
31061 (Ø 300 mm)	8 (60°)	315 lm	20 VA / 5.4 W	
31069 (Ø 375 mm)	8 (80°)	315 lm	26 VA / 5.4 W	
31077 (Ø 480 mm)	8 (80°)	315 lm	39 VA / 5.4 W	
Version with 3 K without single monitoring (EVG), surface wall or ceiling mounting for escape route lighting without reduced power in battery operation				
31064 (Ø 300 mm)	68	1.750 lm	18.5 VA / 17 W	
31072 (Ø 375 mm)	88	2.450 lm	24.5 VA / 23 W	
31080 (Ø 480 mm)	88	3.650 lm	37.5 VA / 36 W	
Version with 3 K without single monitoring (EVG), surface wall or ceiling mounting for escape route lighting without reduced power in battery operation				
31060 (Ø 300 mm)	68	1.750 lm	18.5 VA / 17 W	
31068 (Ø 375 mm)	88	2.450 lm	24.5 VA / 23 W	
31076 (Ø 480 mm)	88	3.650 lm	37.5 VA / 36 W	

<sup>1</sup> LEDs in battery operation / mains operation



## LUMAX65

**High protection class combined general and safety luminaire.** Round luminaire in plastic all-round frame housing (PC) with a domed diffuser made of opal plastic (PC). Homogeneous light emission.

Versions for wall mounting or ceiling mounting

Also available as a luminaire for general lighting

### MOUNTING OPTIONS



### TECHNICAL DATA

**Housing:** Polycarbonate, grey (RAL 9006)  
Polycarbonate, black (RAL 9011)

**Diffusor:** Polycarbonate, opal

**Service life  $L_{80B_{20}}$ :** 50.000 h

**Color stability:** 3 SDCM



### SELF-CONTAINED SUPPLY

**Mains supply:** 198 V–254 V/50 Hz

**Specification:** Maintained or non-maintained mode

**Ambient temperature:** LTO: -20 °C to +50 °C  
Classic: 0 °C to +40 °C

**Protection class:** I

### DECENTRAL SUPPLY

**Battery supply:** 24 V +/- 20% DC

**Mains supply:** 24 V +/- 20% DC

**Ambient temperature:** -20 °C to +40 °C

**Protection class:** I / III

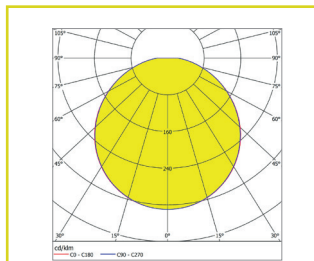
### CENTRAL SUPPLY

**Battery supply:** 176 V–276 V

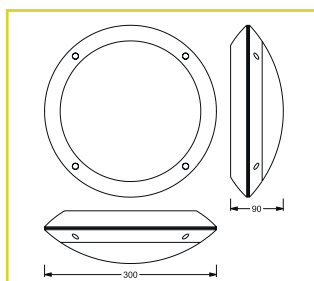
**Mains supply:** 198 V–254 V/50 Hz

**Ambient temperature:** -20 °C to +40 °C

**Protection class:** I



Polar diagram



Surface wall or ceiling mounting

Data as mains luminaire Order code	P	LED	$\Phi$	$T_c$	$R_a$
37123 / 37124 / 37125 / 36156 / 36157 / 36158 / 32066 / 31086 / 31089	17 W / 18.5 W	68	1.500 lm	3.000 K	> 80
37120 / 37121 / 37122 / 36153 / 36154 / 36155 / 32065 / 31082 / 31085	17 W / 18.5 W	68	1.500 lm	4.000 K	> 80
37129 / 37130 / 37131 / 36162 / 36163 / 36164 / 32068 / 31094 / 31095	17 W / 18.5 W	68	1.500 lm	3.000 K	> 80
37126 / 37127 / 37128 / 36159 / 36160 / 36161 / 32067 / 31090 / 31093	17 W / 18.5 W	68	1.500 lm	4.000K	> 80





## SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code	LED	Φ 1 h	Φ 3 h	Φ 8 h		S~
Version with 3 K, black housing, surface wall or ceiling mounting for escape route lighting								
37123	37124	37125	68	278 lm	140 lm	38 lm	2 x LTO 7.2 V / 0.5 Ah	21.5 VA
Version with 3 K, grey housing, surface wall or ceiling mounting for escape route lighting								
37129	37130	37131	68	278 lm	140 lm	38 lm	2 x LTO 7.2 V / 0.5 Ah	21.5 VA
Version with 4 K, black housing, surface wall or ceiling mounting for escape route lighting								
37120	37121	37122	68	278 lm	140 lm	38 lm	2 x LTO 7.2 V / 0.5 Ah	21.5 VA
Version with 4 K, grey housing, surface wall or ceiling mounting for escape route lighting								
37126	37127	37128	68	278 lm	140 lm	38 lm	2 x LTO 7.2 V / 0.5 Ah	21.5 VA

## CLASSIC SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code	LED	Φ 1 h	Φ 3 h	Autotest	Logica	S~
Version with 3 K, black housing, surface wall or ceiling mounting for escape route lighting								
36156	36157	36158	68	278 lm	190 lm	NiMH 7.2V / 0.6 Ah	NiMH 7.2V / 1.2 Ah	25.5 VA
Version with 3 K, grey housing, surface wall or ceiling mounting for escape route lighting								
36162	36163	36164	68	278 lm	190 lm	NiMH 7.2V / 0.6 Ah	NiMH 7.2V / 1.2 Ah	25.5 VA
Version with 4 K, black housing, surface wall or ceiling mounting for escape route lighting								
36153	36154	36155	68	278 lm	190 lm	NiMH 7.2V / 0.6 Ah	NiMH 7.2V / 1.2 Ah	25.5 VA
Version with 4 K, grey housing, surface wall or ceiling mounting for escape route lighting								
36159	36160	36161	68	278 lm	190 lm	NiMH 7.2V / 0.6 Ah	NiMH 7.2V / 1.2 Ah	25.5 VA



## DECENTRAL SUPPLY

Sicuro24 Order code	LED	Φ	P=
Version with 3 K, black housing, surface wall or ceiling mounting for escape route lighting			
32066	68	278 lm	4.3 W
Version with 3 K, grey housing, surface wall or ceiling mounting for escape route lighting			
32068	68	278 lm	4.3 W
Version with 4 K, black housing, surface wall or ceiling mounting for escape route lighting			
32065	68	278 lm	4.3 W
Version with 4 K, grey housing, surface wall or ceiling mounting for escape route lighting			
32067	68	278 lm	4.3 W



## CENTRAL SUPPLY

Sicuro230 Order code	LED	Φ	S~	P=
Version with 4 K with single monitoring, black housing, <b>without reduced power</b>				
31082	68	1.500 lm	20 VA / 18,5 W	
Version with 3 K with single monitoring, black housing, <b>without reduced power</b>				
31086	68	1.500 lm	20 VA / 18,5 W	
Version with 4 K with single monitoring, grey housing, <b>without reduced power</b>				
31090	68	1.500 lm	20 VA / 18,5 W	
Version with 3 K with single monitoring, grey housing, <b>without reduced power</b>				
31094	68	1.500 lm	20 VA / 18,5 W	
Version with 4 K with single monitoring, black housing, <b>with reduced power</b>				
31083	8 (60°)	278 lm	20 VA / 4,7 W	
Version with 3 K with single monitoring, black housing, <b>with reduced power</b>				
31087	8 (60°)	278 lm	20 VA / 4,7 W	
Version with 4 K with single monitoring, grey housing, <b>with reduced power</b>				
31091	8 (60°)	278 lm	20 VA / 4,7 W	
Version with 3 K with single monitoring, grey housing, <b>with reduced power</b>				
31095	8 (60°)	278 lm	20 VA / 4,7 W	
Version with 4 K without single monitoring (EVG), black housing, <b>without reduced power</b>				
31084	68	1.500 lm	18,5 VA / 17 W	
Version with 3 K without single monitoring (EVG), black housing, <b>without reduced power</b>				
31088	68	1.500 lm	18,5 VA / 17 W	
Version with 4 K without single monitoring (EVG), grey housing, <b>without reduced power</b>				
31092	68	1.500 lm	18,5 VA / 17 W	
Version with 4 K without single monitoring (EVG), grey housing, <b>without reduced power</b>				
31096	68	1.500 lm	18,5 VA / 17 W	
Version with 4 K without single monitoring (EVG), black housing, <b>with reduced power</b>				
31085	8 (60°)	278 lm	20 VA / 5,4 W	
Version with 3 K without single monitoring (EVG), black housing, <b>with reduced power</b>				
31089	8 (60°)	278 lm	20 VA / 5,4 W	
Version with 4 K without single monitoring (EVG), grey housing, <b>with reduced power</b>				
31093	8 (60°)	278 lm	20 VA / 5,4 W	
Version with 3 K without single monitoring (EVG), grey housing, <b>with reduced power</b>				
31097	8 (60°)	278 lm	20 VA / 5,4 W	

<sup>1</sup> LEDs in battery operation / mains operation



## S-IN

**Safety luminaire for steps.** Housing made of aluminium with frame or shade cover, exchangeable. Recessed mounting housing for solid steps included in delivery.

Version for recessed step mounting

### MOUNTING OPTIONS



### TECHNICAL DATA

<b>Mounting:</b>	Recessed step mounting
<b>Housing:</b>	Aluminium, grey (RAL 7030)
<b>Cover:</b>	Diecast aluminium, grey (RAL 7030)
<b>Display pane:</b>	Glass, opal

<b>Service life <math>L_{80B_{20}}</math>:</b>	50.000 h
<b>Color stability:</b>	3 SDCM



### DECENTRAL SUPPLY

**Battery supply:**  
24 V +/- 20% DC

**Mains supply:**  
24 V +/- 20% DC

**Ambient temperature:**  
-20 °C to +40 °C

**Protection class:**  
III

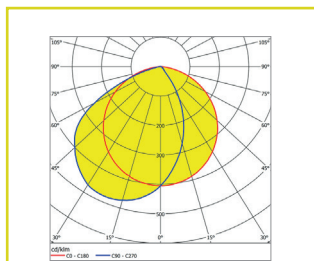
### CENTRAL SUPPLY

**Battery supply:**  
176 V–276 V

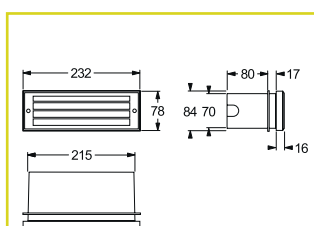
**Mains supply:**  
198V–254V/50Hz

**Ambient temperature:**  
-20 °C to +40 °C

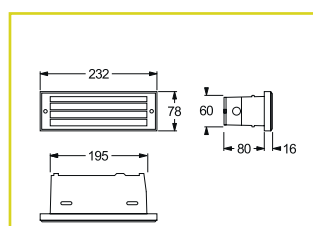
**Protection class:**  
I



Polar diagram



Recessed step mounting (solid)



Step cutout: 278 x 92 mm

Recessed step mounting (hollow)

**SICURO** LED DECENTRAL SUPPLY

Sicuro24  
Order code



Recessed step mounting for escape route lighting

<b>32031</b>	3	29 lm	4.3 W
--------------	---	-------	-------

**SICURO** LED CENTRAL SUPPLY

Sicuro230  
Order code



Recessed step mounting for escape route lighting

<b>31031</b>	3	29 lm	8.9 VA / 4.5 W
--------------	---	-------	----------------

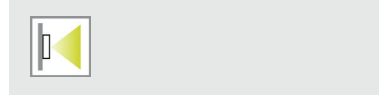


## TRIANGLE

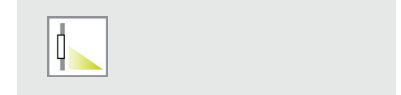
Housing is made of stainless steel and has a triangular design with downwards-directed light-emitting surfaces. High-power LED with lighting control through special lenses for asymmetrically-emitted light distribution (illumination of paths with 1 lx), or for symmetrically emitted light distribution (illumination of surfaces with 0.5 lx).

Versions for wall mounting or with additional equipment for bollards

### MOUNTING OPTIONS



### MOUNTING OPTIONS WITH EQUIPMENT



## TECHNICAL DATA

<b>Housing:</b>	Sheet steel, white (RAL 9003) Stainless steel, V2A
<b>Cover:</b>	Methacrylate, transparent
<b>Lens:</b>	Methacrylate

<b>Service life <math>L_{50B_{20}}</math>:</b>	50.000 h
<b>Color stability:</b>	3 SDCM



## SELF-CONTAINED SUPPLY

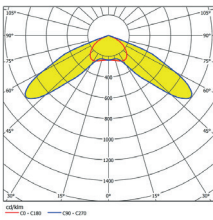
<b>Mains supply:</b> 198 V–254 V/50 Hz	<b>Ambient temperature:</b> LTO: -20 °C to +40 °C Classic: 0 °C to +40 °C
<b>Specification:</b> Maintained or non-maintained mode	<b>Protection class:</b> I

## DECENTRAL SUPPLY

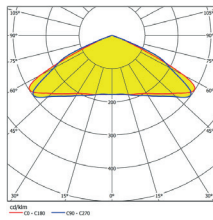
<b>Battery supply:</b> 24 V +/- 20% DC	<b>Ambient temperature:</b> -20 °C to +40 °C
<b>Mains supply:</b> 24 V +/- 20% DC	<b>Protection class:</b> III

## CENTRAL SUPPLY

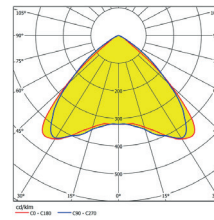
<b>Battery supply:</b> 176 V–276 V	<b>Ambient temperature:</b> -20 °C to +40 °C
<b>Mains supply:</b> 198V–254V/50Hz	<b>Protection class:</b> I



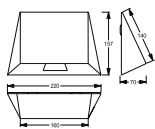
Asymmetric  
wide beam



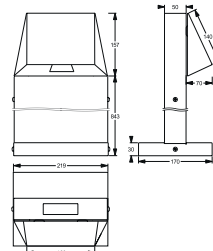
Symmetric  
wide beam to 3.5 m



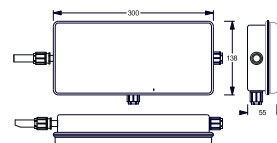
Symmetric  
wide beam to 7 m



Surface wall mounting



Floor mounting



Box for self-contained supply battery



## SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code	LED	Φ 1 h	Φ 3 h	Φ 8 h		S~
Surface wall mounting suitable for escape route or area lighting with 3 changeable lenses, white								
37096	37097	37098	1	Escape route 196 lm	Escape route 113 lm	Escape route 32 lm	2 x LTO 7.2 V / 0.5 Ah	4.85 VA
				Area 214 / 209 lm	Area 124 / 120 lm	Area 35 / 34 lm		
Surface wall mounting suitable for escape route or area lighting with 3 changeable lenses, V2A								
37099	37100	37101	1	Escape route 196 lm	Escape route 113 lm	Escape route 32 lm	2 x LTO 7.2 V / 0.5 Ah	4.85 VA
				Area 214 / 209 lm	Area 124 / 120 lm	Area 35 / 34 lm		

## CLASSIC SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code	LED	Φ 1 h	Φ 3 h	Autotest	Logica	S~
Surface wall mounting suitable for escape route or area lighting with 3 changeable lenses, white								
36123	36124	36125	1	Escape route 196 lm	Escape route 132 lm	NiMH 7.2 V / 1.2 Ah	NiMH 7.2 V / 1.2 Ah	8 VA
				Area 214 / 209 lm	Area 144 / 140 lm			
Surface wall mounting suitable for escape route or area lighting with 3 changeable lenses, V2A								
36129	36130	36131	1	Escape route 196 lm	Escape route 132 lm	NiMH 7.2 V / 1.2 Ah	NiMH 7.2 V / 1.2 Ah	8 VA
				Area 214 / 209 lm	Area 144 / 140 lm			



## DECENTRAL SUPPLY

Sicuro24 Order code	LED	Φ	P=
Surface wall mounting suitable for escape route or area lighting with 3 changeable lenses, white			
32057	1	Escape route 196 lm	3.8 W
		Area 214 / 209 lm	
Surface wall mounting suitable for escape route or area lighting with 3 changeable lenses, V2A			
32058	1	Escape route 196 lm	3.8 W
		Area 214 / 209 lm	



## CENTRAL SUPPLY

Sicuro230 Order code	LED	Φ	S~	P=
Surface wall mounting suitable for escape route or area lighting with 3 changeable lenses, white				
31056	1	Escape route 196 lm	8.3VA / 4.1 W	
		Area 214 / 209 lm		
Surface wall mounting suitable for escape route or area lighting with 3 changeable lenses, V2A				
31057	1	Escape route 196 lm	8.3VA / 4.1 W	
		Area 214 / 209 lm		

Please order additional equipment separately

Order code	Description
F95940	Bollard, white
F95941	Bollard, V2A



## F30 / F50 / F70 LED

**High protection class combined general and safety luminaire with high impact strength.** Spotlight in housing made of die-cast aluminium with tempered glass insert and microprismatic, highly reflective aluminium reflector. The insert is attached to the housing with stainless steel hinges and locks. Swivelling mounting ( $\pm 180^\circ$ ). Light distribution can be emitted symmetrically over a wide area or emitted asymmetrically over a narrow area, can be changed.

Versions for wall mounting or floor mounting

Also available as a luminaire for general lighting

### MOUNTING OPTIONS



### TECHNICAL DATA

<b>Housing:</b>	Diecast aluminium, grey (RAL 7035)
<b>Display pane:</b>	Tempered glass, microprismatic
<b>Reflector:</b>	Aluminium, specular

<b>Service life L80B20:</b>	50.000 h
<b>Color stability:</b>	3 SDCM



### SELF-CONTAINED SUPPLY

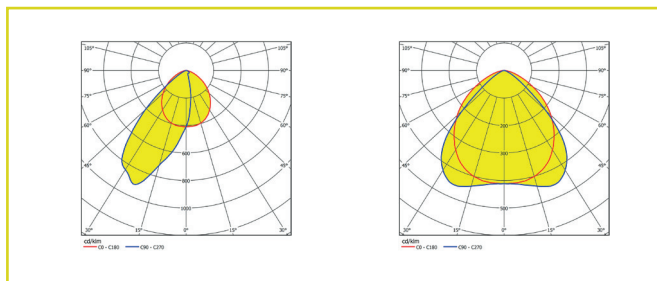
<b>Mains supply:</b> 198 V–254 V/50 Hz	<b>Ambient temperature:</b> LTO: $-20^\circ\text{C}$ to $+50^\circ\text{C}$
<b>Specification:</b> Maintained or non-maintained mode	<b>Protection class:</b> I

### DECENTRAL SUPPLY

<b>Battery supply:</b> 24 V $\pm$ 20% DC	<b>Ambient temperature:</b> $-20^\circ\text{C}$ to $+40^\circ\text{C}$
<b>Mains supply:</b> 24 V $\pm$ 20% DC	<b>Protection class:</b> I / III

### CENTRAL SUPPLY

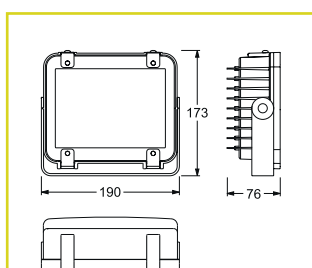
<b>Battery supply:</b> 176 V–276 V	<b>Ambient temperature:</b> $-20^\circ\text{C}$ to $+40^\circ\text{C}$
<b>Mains supply:</b> 198V–254V/50Hz	<b>Protection class:</b> I



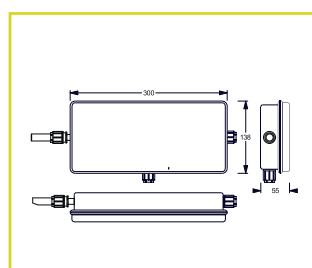
Asymmetric

Symmetric

Data as mains luminaire Order code	LED	P	$\Phi$	$T_c$	$R_a$
37219 / 37220 / 32071 / 31100	33	17 W	1.800 lm	4.000 K	>80
37221 / 37222 / 32072 / 31101	66	26 W	3.000 lm	4.000 K	>80
37223 / 37224 / 32073 / 31102	99	37 W	4.000 lm	4.000 K	>80



Wall or floor mounting



Self-contained supply box



## SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code	LED	Φ 1 h	Φ 3 h	Φ 8 h		S~
Surface wall mounting, floor mounting suitable for escape route lighting								
37219	37219	37220	33	1.050 lm	350 lm	130 lm	LTO 14.4 V / 1.2 Ah	21 VA
37221	37221	37222	66	1.050 lm	380 lm	140 lm	LTO 14.4 V / 1.2 Ah	31 VA
37223	37223	37224	99	1.080 lm	360 lm	135 lm	LTO 14.4 V / 1.2 Ah	44 VA

## DECENTRAL SUPPLY

Sicuro24 Order code	LED	Φ	P=
Surface wall mounting, floor mounting suitable for escape route lighting			
32071	33	635 lm / 1.270 lm <sup>3</sup>	8 W / 16 W <sup>3</sup>
32072	66	690 lm / 1.380 lm <sup>3</sup>	8 W / 16 W <sup>3</sup>
32073	99	650 lm / 1.290 lm <sup>3</sup>	8 W / 16 W <sup>3</sup>

## CENTRAL SUPPLY

Sicuro230 Order code	LED	Φ	S~	P=
Surface wall mounting, floor mounting suitable for escape route lighting				
31100	33	1.800 lm <sup>3</sup>	20.5 VA / 17 W	
31101	66	3.000 lm <sup>3</sup>	30.5 VA / 26 W	
31102	99	4.000 lm <sup>3</sup>	43 VA / 37 W	

<sup>3</sup> Programmable via decentral supply



## TULA

**Combined exit sign and safety luminaire.** Housing has a flat design with convex light-emitting surface and an opal insert. Single or double-sided escape route signage is provided thanks to self-adhesive films. In the combined exit sign luminaire and safety luminaire version, additional high-power LED with lighting control through special lenses for asymmetrically-emitted light distribution (illumination of paths with 1 lx), or for symmetrically emitted light distribution (illumination of surfaces with 0.5 lx).

Versions for wall mounting or with additional equipment for ceiling mounting or wire or rod suspension mounting and mounting on brackets

### MOUNTING OPTIONS



### MOUNTING OPTIONS WITH EQUIPMENT



## TECHNICAL DATA

**Housing:** Sheet steel, grey (RAL 9006)  
**Cover:** Methacrylate, opal  
**Lens:** Methacrylate

**Service life  $L_{80}B_{20}$ :** 50.000 h  
**Color stability:** 3 SDCM



## DECENTRAL SUPPLY

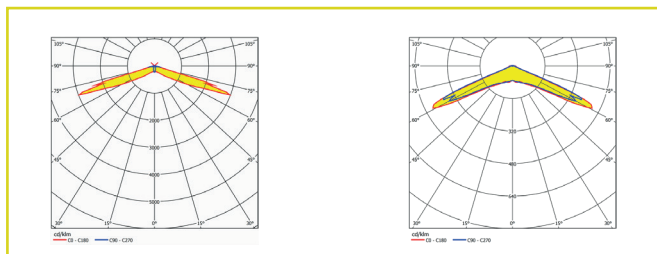
**Battery supply:**  
24 V +/- 20% DC  
**Mains supply:**  
24 V +/- 20% DC

**Ambient temperature:**  
-20 °C to +40 °C  
**S24-Protection class:**  
III

## CENTRAL SUPPLY

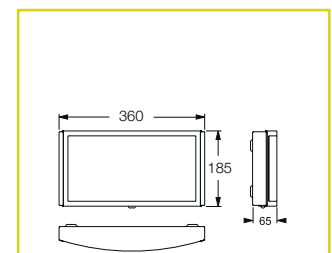
**Battery supply:**  
176 V-276 V  
**Mains supply:**  
198 V-254 V/50 Hz

**Ambient temperature:**  
-20 °C to +40 °C  
**Protection class:**  
I

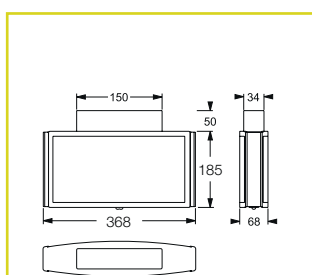


Asymmetric wide beam

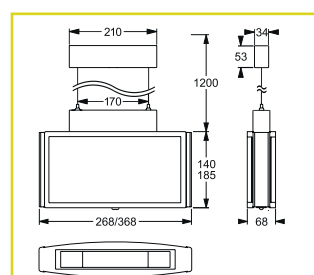
Symmetric wide beam up to 3.5 m



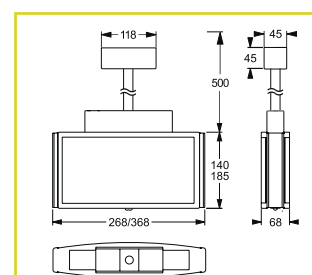
Surface wall mounting



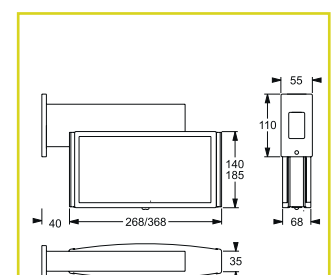
Surface ceiling mounting



Wire suspension



Suspension rod



Bracket suspension



## SICURO<sup>LED</sup> DECENTRAL SUPPLY

<b>Sicuro24</b> Order code				
-------------------------------	--	--	--	--

Surface wall mounting for single faced indication suitable for escape route lighting and area lighting with 2 changeable lenses <sup>1</sup>

<b>32028</b>	32 m	48	Escape route	8.1 W
		+ 1	261 lm Area 285 lm	

Surface ceiling mounting for single faced indication suitable for escape route lighting and area lighting with 2 changeable lenses <sup>1</sup>

<b>32030</b>	32 m	48	Escape route	8.1 W
		+ 1	261 lm Area 285 lm	

<sup>1</sup> Für surface mounting and all suspended versions, please order required equipment separately

## SICURO<sup>LED</sup> CENTRAL SUPPLY

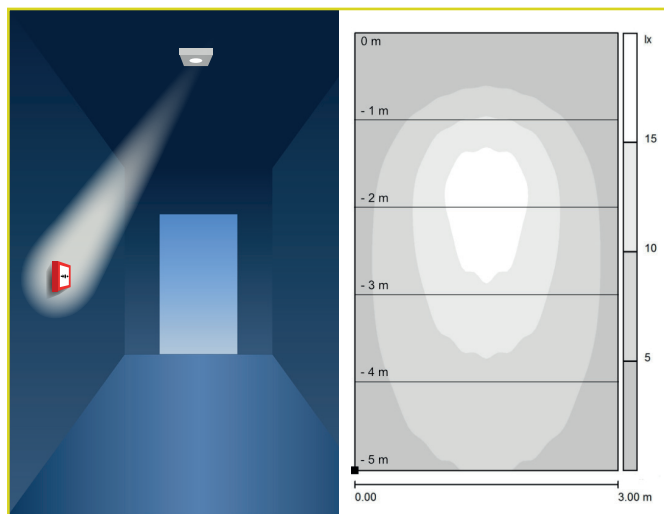
<b>Sicuro230</b> Order code					
--------------------------------	--	--	--	--	--

Surface wall mounting for single faced indication suitable for escape route lighting and area lighting with 2 changeable lenses

<b>31028</b>	32 m	48	Escape route	17.7 VA / 8.8 W
		+ 1	261 lm Area 285 lm	

Surface ceiling mounting for single faced indication suitable for escape route lighting and area lighting with 2 changeable lenses <sup>1</sup>

<b>31030</b>	32 m	48	Escape route	17.7 VA / 8.8 W
		+ 1	261 lm Area 285 lm	



Illumination of safety devices

### Included in standard delivery

Order code	Description	
<b>F15338MU</b>	Exit sign film	
<b>F15338MR</b>	Exit sign film	
<b>F15338ML</b>	Exit sign film	
<b>F15338MO</b>	Exit sign film	

### Please order additional equipment separately

Order code	Description
<b>F95109PK</b>	Adapter for ceiling mounting
<b>F95109PR</b>	Suspension rod, rectangular, 500 mm
<b>F95109PS</b>	Wire suspension, max. 1.200 mm
<b>F95109P</b>	Bracket suspension

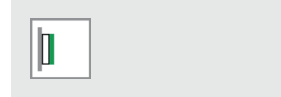


## KUBUS

**Combined exit sign and safety luminaires.** Housing made of flat sheet steel profiles with angular contours. Single or double-sided escape route signage is provided thanks to exchangeable inserts. In the combined exit sign luminaire and safety luminaire version, additional high-power LED with lighting control through special lenses for asymmetrically-emitted light distribution (illumination of paths with 1 lx), or for symmetrically emitted light distribution (illumination of surfaces with 0.5 lx).

Version for surface wall mounting or with equipment for ceiling mounting, wire or rod suspension, mounting on brackets and chain suspension

### MOUNTING OPTIONS



### MOUNTING OPTIONS WITH EQUIPMENT



## TECHNICAL DATA

<b>Housing:</b>	Sheet steel, white (RAL 9003)	<b>Service life <math>L_{50, B_{20}}</math>:</b>	50.000 h
<b>Display pane:</b>	Methacrylate, printed	<b>Color stability:</b>	3 SDCM
<b>Lens:</b>	Methacrylate		

< 3,5 m >  
H  
22 m

VD 34 m

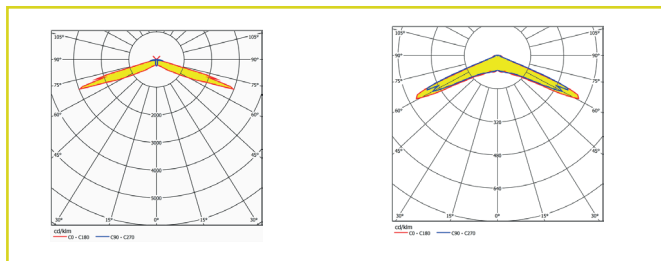
IP40

## DECENTRAL SUPPLY

<b>Battery supply:</b> 24 V +/- 20% DC	<b>Ambient temperature:</b> -20 °C to +40 °C
<b>Mains supply:</b> 24 V +/- 20% DC	<b>S24-Protection class:</b> III

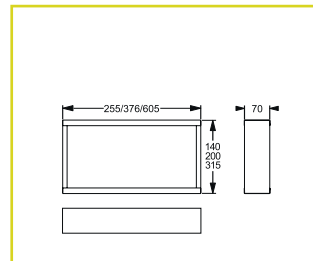
## CENTRAL SUPPLY

<b>Battery supply:</b> 176 V–276 V	<b>Ambient temperature:</b> -20 °C to +40 °C
<b>Mains supply:</b> 198 V–254 V/50 Hz	<b>Protection class:</b> I

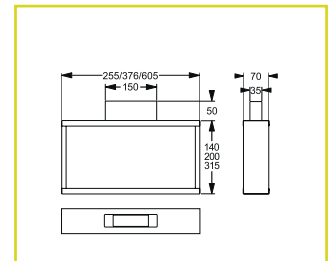


Asymmetric wide beam

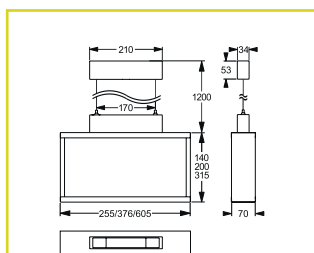
Symmetric wide beam to 3.5 m



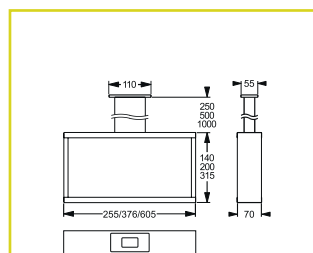
Surface wall mounting



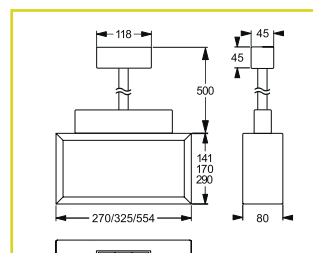
Surface ceiling mounting



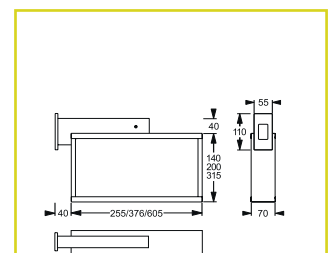
Wire suspension



Suspension rod, rectangular



Suspension rod round



Bracket suspension

## SICURO<sup>LED</sup> DECENTRAL SUPPLY

**Sicuro24**  
Order code






Surface wall mounting for single faced indication suitable for escape route lighting and area lighting with 2 changeable lenses

<b>32105</b>	34m	48	Escape route 261 lm	8.1 W
		+ 1	Area 285 lm	

Surface ceiling mounting for single faced indication suitable for escape route lighting and area lighting with 2 changeable lenses<sup>1</sup>

<b>32106</b>	34m	48	Escape route 261 lm	8.1 W
		+ 1	Area 285 lm	

<sup>1</sup> For surface mounting and all suspended versions please order required equipment separately

## SICURO<sup>LED</sup> CENTRAL SUPPLY

**Sicuro230**  
Order code





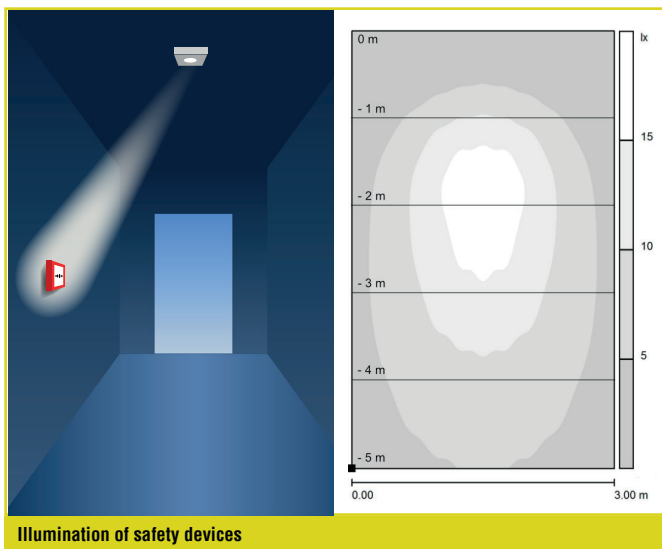


Surface wall mounting for single faced indication suitable for escape route lighting and area lighting with 2 changeable lenses

<b>31154</b>	34m	48	Escape route 261 lm	17.7 VA / 8.8 W
		+ 1	Area 285 lm	










Surface ceiling mounting for single faced indication suitable for escape route lighting and area lighting with 2 changeable lenses<sup>1</sup>

<b>31155</b>	34m	48	Escape route 261 lm	17.7 VA / 8.8 W
		+ 1	Area 285 lm	



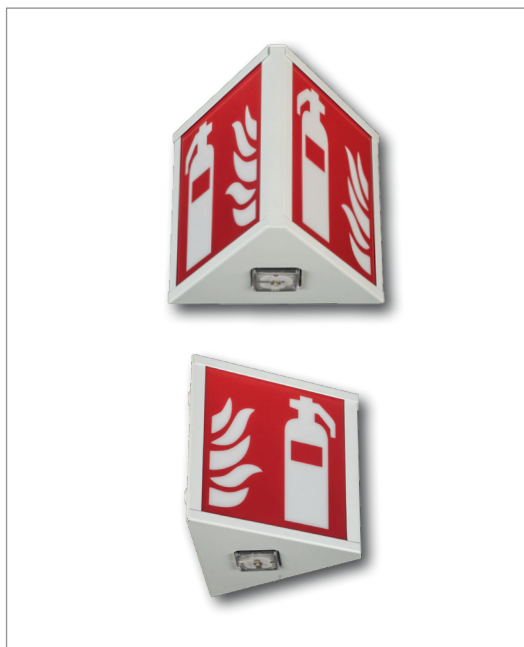
Illumination of safety devices

### Please order exit sign equipment separately

Order code	Description	
<b>E16608M</b>	Exit sign display pane	
<b>E16609M</b>	Exit sign display pane	
<b>E16610M</b>	Exit sign display pane	
<b>E16640M</b>	Exit sign display pane	
<b>E16642M</b>	Exit sign display pane	
<b>E16641M</b>	Exit sign display pane	
<b>E16643M</b>	Exit sign display pane	
<b>E16611</b>	Opal plastic pane	
<b>E16241</b>	Opal plastic pane, white	

### Please order additional equipment separately

	Description
<b>F95057</b>	Adapter for ceiling mounting
<b>F95600</b>	Suspension rod, rectangular, 250 mm
<b>F95601</b>	Suspension rod, rectangular, 500 mm
<b>F95602</b>	Suspension rod, rectangular, 1.000 mm
<b>F95400</b>	Suspension rod, round, 500 mm
<b>F95401</b>	Wire suspension, max. 1.200 mm
<b>F95056</b>	Bracket suspension
<b>F95067</b>	Adapter for chain or wire suspension
<b>F95032K</b>	Wire guard



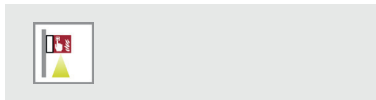
## SIGN LED

**Combined safety sign and safety luminaire.** Housing made of flat sheet steel profiles with angular contours and a triangular design. Double-sided signage for safety devices is provided by exchangeable safety sign inserts.

Illumination of safety devices with 5 lx through high-power LED with lighting control through a special lens.

Version for wall mounting

## MOUNTING OPTIONS



## TECHNICAL DATA

**Housing:** Sheet steel, white (RAL 9003)  
**Display pane:** Methacrylate, printed  
**Lens:** Methacrylate

**Service life  $L_{80B_{20}}$ :** 50.000 h  
**Color stability:** 3 SDCM



## DECENTRAL SUPPLY

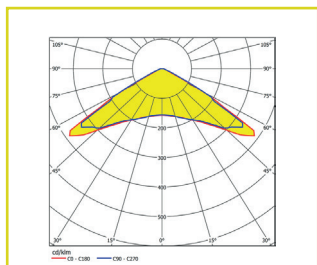
**Battery supply:**  
24 V +/- 20% DC  
**Mains supply:**  
24 V +/- 20% DC

**Ambient temperature:**  
-20 °C to +40 °C  
**Protection class:**  
III

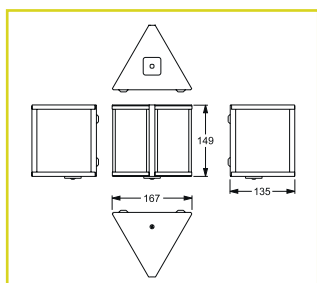
## CENTRAL SUPPLY

**Battery supply:**  
176 V–276 V  
**Mains supply:**  
198 V–254 V/50 Hz

**Ambient temperature:**  
-20 °C to +40 °C  
**Protection class:**  
I



Polar diagram



Surface wall mounting

## SICURO<sup>LED</sup> DECENTRAL SUPPLY

Sicuro24  
Order code



Surface wall mounting for illumination of safety devices

32074	26 m	3	8.1 W
-------	------	---	-------

## SICURO<sup>LED</sup> CENTRAL SUPPLY

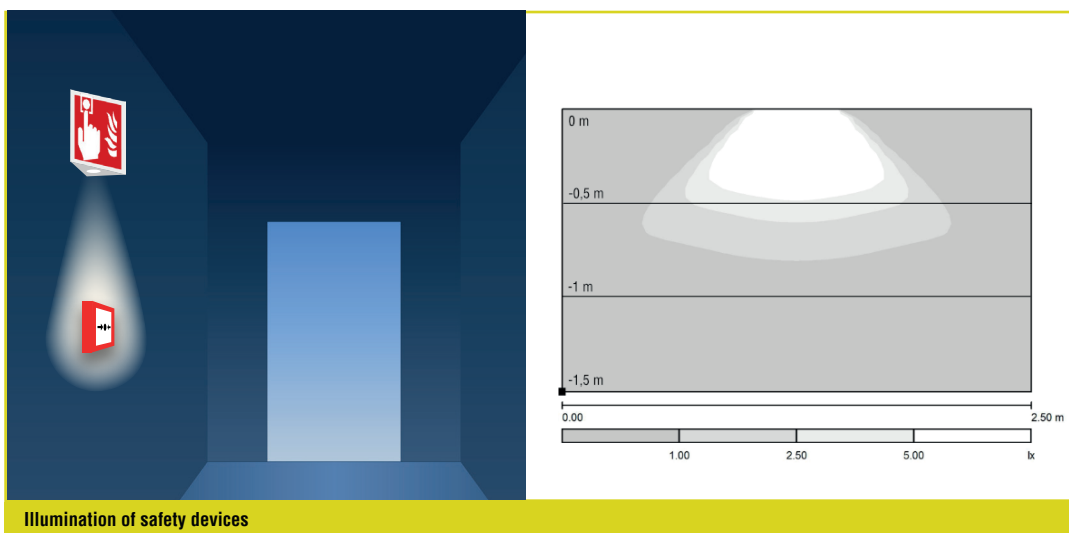
Sicuro230  
Order code



Surface wall mounting for illumination of safety devices

31103	26 m	3	17.2 VA / 8.6 W
-------	------	---	-----------------

Lamps to illuminate the safety signs and the safety device separately programmable in permanent or standby mode.



Illumination of safety devices

### Please order safety sign equipment separately

Order code	Description	
E16914M		F001 Safety sign fire extinguisher
E16915M		F002 Safety sign extinguishing hose
E16913M		F005 Safety sign fire detector
E16910M		E003 Safety sign first aid
E16912M		E004 Safety sign first aid phone
E16911M		E007 Safety sign collective place



## SCOUT LED

**Safety luminaire used as portable LED lamp.** Housing made of polycarbonate with adjustable lamp head (120°).

Lamp head with main LED and secondary LED with automatic flashing activation switch pushing button.

Charging and switching device integrated in the housing

### TECHNICAL DATA

**Housing:** Polycarbonate, orange (RAL 2009)  
**Frame:** Polycarbonate, grey (RAL 7026)

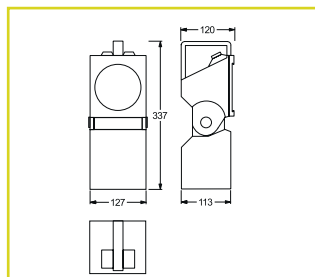
**Service life  $L_{80B_{20}}$ :** 50.000 h  
**Color stability:** 3 SDCM

IP40

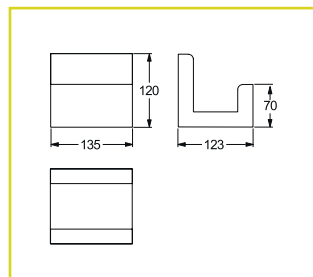
### SELF-CONTAINED

**Specification:**  
 Non-maintained mode  
**Mains supply:**  
 230 V / 50 / 60 Hz

**Ambient temperature:**  
 0 °C to +40 °C  
**Protection class:**  
 II



Portable LED-lamp



Wall support

## CLASSIC SELF-CONTAINED SUPPLY

Classic Order code				
8380	2	2.4 W <sup>1</sup> 0.2 W <sup>2</sup>	230 lm (9.5 h) <sup>1</sup> 23.5 lm (85 h) <sup>2</sup>	Pb 6 V / 4.5 Ah

<sup>1</sup> Main LED

<sup>2</sup> Secondary LED

Please order additional equipment separately

Order code	Description
2750	Wallsupport

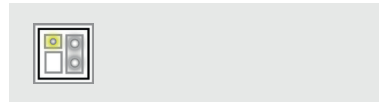
## PLURALUCE-LEUCHTENMODUL



**Conversion kit for general lighting fittings without amending the internal wiring.** High-power-LED and integral reflector and special optical lens system. Asymmetrical light distribution (escape route lighting with 1 lx) or symmetrical light distribution (area lighting with 0.5 lx).

Version for luminaire installation

### MOUNTING



### TECHNICAL DATA

**Housing:** Aluminium, white (RAL 9010)  
**Cover:** Polycarbonate, white (RAL 9010)

**Type of protection:** IP20 (electronic and battery component)  
 IP40 (LED module)

**IP20**

### SELF-CONTAINED SUPPLY

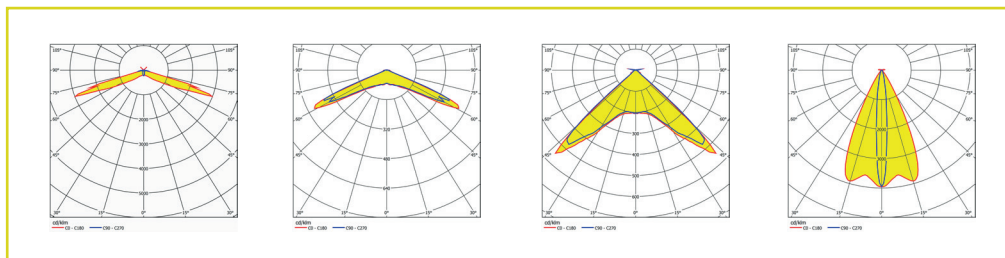
**Mains supply:** 198 V–254 V/50 Hz  
**Specification:** Maintained or non-maintained mode  
**Ambient temperature:** LTO: -20 °C to +50 °C  
 Classic: -10 °C to +40 °C  
**Protection class:** II

### DECENTRAL SUPPLY

**Battery supply:** 24 V +/- 20% DC  
**Mains supply:** 24 V +/- 20% DC  
**Ambient temperature:** -20 °C to +40 °C  
**Protection class:** III

### CENTRAL SUPPLY

**Battery supply:** 176 V–254 V  
**Mains supply:** 198 V–254 V/50 Hz  
**Ambient temperature:** -20 °C to +40 °C  
**Protection class:** II

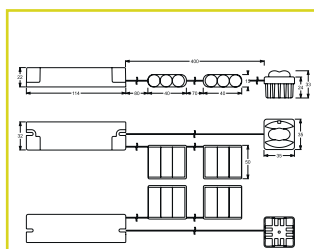


**Asymmetric wide beam**

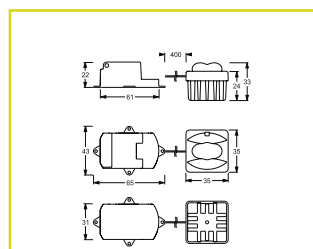
**Symmetric wide beam to 3.5 m**

**Symmetric wide beam to 7 m**

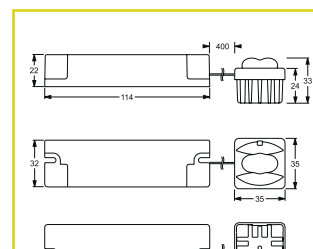
**Asymmetric deep beam**



**Self-contained supply**



**Decentral supply**



**Central Supply**





## SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code	LED	Φ 1 h	Φ 3 h	Φ 8 h		S~
---------------------	-------------------	----------------------	-----	-------	-------	-------	--	----

Illumination for escape routes and areas with 3 changeable lenses

37087	37088	37089	1	Escape route 261 lm	Escape route 176 lm	Escape route 42 lm	2 x LTO 7.2 V / 0.5 Ah	4.85 VA
				Area 255 / 285 lm	Area 147 / 165 lm	Area 41 / 42 lm		

## CLASSIC SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code	LED	Φ 1 h	Φ 3 h	Autotest	Logica	S~
---------------------	-------------------	----------------------	-----	-------	-------	----------	--------	----

Illumination for escape routes and areas with 3 changeable lenses

16769	19342	19343	1	Escape route 261 lm	Escape route 176 lm	NiMH 7.2V / 1.2 Ah	NiMH 7.2V / 1.2 Ah	8 VA
				Area 255 / 285 lm	Area 172 / 192 lm			

## SICURO<sup>LED</sup> DECENTRAL SUPPLY

Sicuro24 Order code	LED	Φ	P=
---------------------	-----	---	----

Illumination for escape routes and areas with 3 changeable lenses

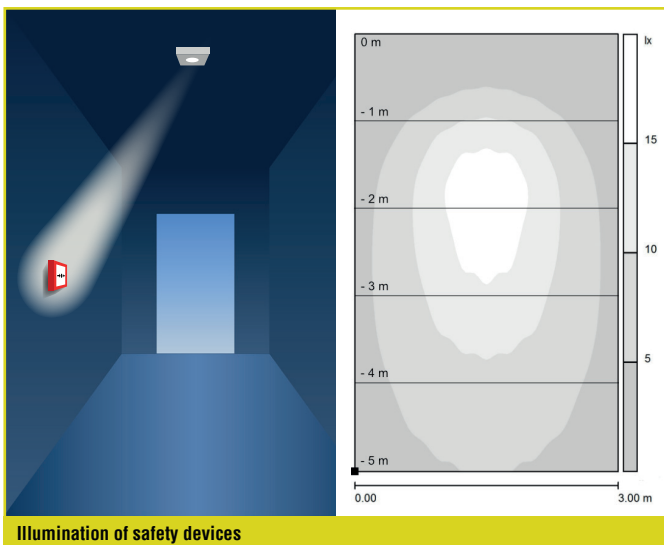
32042	1	Escape route 261 lm Area 255 / 285 lm	3.8 W
-------	---	--	-------

## SICURO<sup>LED</sup> CENTRAL SUPPLY

Sicuro230 Order code	LED	Φ	S~	P=
----------------------	-----	---	----	----

Illumination for escape routes and areas with 3 changeable lenses

31040	1	Escape route 261 lm Area 255 / 285 lm	8.3 VA / 4.1 W
-------	---	--	----------------



Illumination of safety devices

Please order additional equipment separately

Order code	Description
F95807	Deep beam lens (area lighting module) for <b>escape route lighting</b> with mounting heights > 7.5 m
F95808	Deep beam lens (area lighting module) for <b>area lighting</b> with mounting heights > 7.5 m
F95815	Asymmetrical lens (area lighting module) for <b>illumination of the safety devices</b> with 5 lx



## INVERTER LED

**Emergency lighting supply unit for operation of LED luminaire with LED module and LED driver** with reduced performance in failure of power supply. The luminaire(s) can be connected without changing the internal wiring. Version with separately electronic- and battery module and separately signal LED.

Version for luminaire installation (without housing) and luminaire attachment (with housing)

### MOUNTING OPTIONS



### TECHNICAL DATA

**Housing:** Polycarbonate, white (RAL 9007) (luminaire installation)  
Polycarbonate, grey (RAL 7035) (luminaire attachment)

**Type of protection:** IP20 (luminaire installation)  
IP65 (luminaire attachment)

IP20 IP65

### SELF-CONTAINED SUPPLY

**Mains supply:**  
198 V–254 V/50 Hz

**Specification:**  
Maintained or  
non-maintained mode

**Protection class:**  
II

**Ambient temperature:**

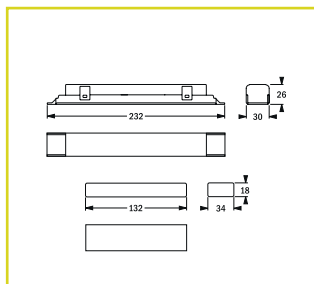
Electronic:  
-20 °C to +70 °C  
Battery:  
LTO: -20 °C to +50 °C  
LFP: -10 to +60 °C

### LED MODULE SUPPLY

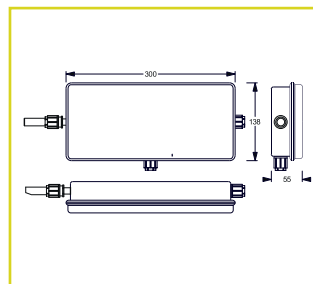
**Power:**  
10 W (1 h)  
3.3 W (3 h)  
1.25 W (8 h)

**Voltage:**  
20 V to 55 V

**Flux:**  
500 mA









Luminaire installation



Luminaire attachment



## SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code						
Luminaire installation and luminaire attachment								
19390	19390	19390+19375	10 W (1 h) / 3.3 W (3 h) / 1.25 W (8 h)	formula	formula	formula	LTO 14.4 V / 1.2 Ah LFP 12.8 V / 1.5 Ah	2 VA
19391	19391	19391+19375						

### FORMULA FOR CALCULATION OF LUMINOUS FLUX SELF-CONTAINED SUPPLY

#### Operating time 1 h

$$\text{Luminous flux} = \frac{\text{Power}_{1\text{ h}}}{\text{Power}_{\text{LED module}}} \times \text{luminous flux}_{\text{LED module}}$$

#### Operating time 3 h

$$\text{Luminous flux} = \frac{\text{Power}_{3\text{ h}}}{\text{Power}_{\text{LED module}}} \times \text{luminous flux}_{\text{LED module}}$$

#### Operating time 8 h

$$\text{Luminous flux} = \frac{\text{Power}_{8\text{ h}}}{\text{Power}_{\text{LED module}}} \times \text{luminous flux}_{\text{LED module}}$$

**Please order additional equipment separately**

Order code	Description
RA07	Additional battery LTO 14.4 V / 1.2 Ah
RA08	Additional battery LFP 12.8 V / 1.5 Ah
19375	Logica FM module
19376	Kit for recessed mounting, IP65



## NVG

**Emergency lighting supply unit for operation of 1 or 2 luminaires with LED module or low-pressure discharge lamp with electronic / magnetic operating unit.** The luminaire(s) can be connected without changing the internal wiring. Version with separate electronics and battery housing. Luminaire(s) can be individually switched on/off during mains operation.

Distance supply unit ▶ luminaire < 500 m

Version for surface wall mounting

### MOUNTING OPTIONS



### TECHNICAL DATA

**Housing:** ANM, grey (RAL 7035)  
**Type of protection:** IP32 (battery component)  
 IP65 (electronic component)

EVG KVG IP32 IP65 IK09

### SELF-CONTAINED SUPPLY

**Mains supply:**  
198 V–254 V/50 Hz

**Specification:**  
Maintained or  
non-maintained mode

**Protection class:**  
I

**Ambient temperature:**

Electronic:  
0 °C to +40 °C  
 Battery:  
0 °C to +20 °C

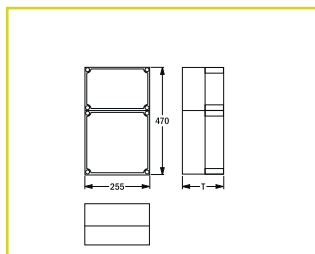
### SUPPLY

**Luminaire:**

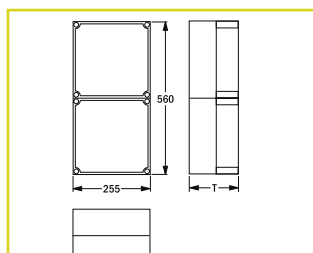
LED module + electronic operating unit  
 LED module + magnetic operating unit  
 Discharge lamp + electronic operating unit  
 Discharge lamp + magnetic operating unit

**Power:**

max. 1 x 120 W (1 h / 3 h)  
 max. 2 x 60 W (1 h / 3 h)







V90800L / V90800L-FM / V90801L /  
V90801L-FM / V90802L / V90802L-FM



V90803L / V90803L-FM /  
V90805L / V90805L-FM

Order code	Weight	Depth (T)
V90800L / V90800L-FM	7 kg	130 mm
V90801L / V90801L-FM	9 kg	130 mm
V90802L / V90802L-FM	14 kg	180 mm
V90803L / V90803L-FM	17 kg	180 mm
V90805L / V90805L-FM	20 kg	180 mm

## CLASSIC SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code	 	 Autotest / Logica / Logica FM	
V90800L	V90800L	V90800L-FM	table 1 h / 3 h	Pb 12 V / 6.5 Ah	3
V90801L	V90801L	V90801L-FM	table 1 h / 3 h	Pb 12 V / 13 Ah	3
V90802L	V90802L	V90802L-FM	table 1 h / 3 h	Pb 12 V / 28 Ah	3
V90803L	V90803L	V90803L-FM	table 1 h / 3 h	Pb 12 V / 40 Ah	3
V90805L	V90805L	V90805L-FM	table 1 h / 3 h	Pb 12 V / 55 Ah	3

Order code	Operating time	Luminaire with LED or discharge lamp and electronic operating unit <sup>1</sup>		Luminaire with LED or discharge lamp and magnetic operating unit <sup>1</sup>	
		Power consumption	Luminous flux factor	Power consumption	Luminous flux factor
V90800L V90800L-FM	1 h	1 x 20 W 2 x 10 W	max. 100 % <sup>2</sup>	1 x 20 W 2 x 10 W	100 %
V90800L V90800L-FM	3 h				
V90801L V90801L-FM	1 h	1 x 60 W 2 x 30 W	max. 100 % <sup>2</sup>	1 x 60 W 2 x 30 W	100 %
V90801L V90801L-FM	3 h	1 x 20 W 2 x 10 W	max. 100 % <sup>2</sup>	1 x 20 W 2 x 10 W	100 %
V90802L V90802L-FM	1 h	1 x 100 W 2 x 50 W	max. 100 % <sup>2</sup>	1 x 100 W 2 x 50 W	100 %
V90802L V90802L-FM	3 h	1 x 40 W 2 x 20 W	max. 100 % <sup>2</sup>	1 x 40 W 2 x 20 W	100 %
V90803L V90803L-FM	1 h	1 x 120 W 2 x 60 W	max. 100 % <sup>2</sup>	1 x 120 W 2 x 60 W	100 %
V90803L V90803L-FM	3 h	1 x 70 W 2 x 35 W	max. 100 % <sup>2</sup>	1 x 70 W 2 x 35 W	100 %
V90805L V90805L-FM	1 h				
V90805L V90805L-FM	3 h	1 x 120 W 2 x 60 W	max. 100 % <sup>2</sup>	1 x 120 W 2 x 60 W	100 %

<sup>1</sup> The electronic operating devices must be suitable for use in safety lighting according to DIN EN 50172. Operation of luminaires with dimmable electronic control gear (DALI) is possible on request. The maximum inrush current or maximum duty cycle must not exceed 60 A and 250 ms.

<sup>2</sup> Depending on the electronic operating device, also < 100%

<sup>3</sup> Depending on affiliated luminous flux

2750	Page 95	16753	Page 57	19385	Page 29
3723	Page 49	16769	Page 97	19386	Page 29
3733	Page 51 / 77	16770	Page 29	19387	Page 29
4265	Page 51	16771	Page 29 / 31	19390	Page 99
4266	Page 51 / 77	16772	Page 29 / 31 / 55	19390+19375	Page 99
8380	Page 95	16773	Page 29 / 31	19391	Page 99
12187S	Page 75	16774	Page 29 / 31	19391+19375	Page 99
12187FMS	Page 75	16775	Page 29 / 31	20122	Page 43
12193	Page 75	16776	Page 29 / 31	29000	Page 45
12194	Page 73 / 75	16777	Page 29 / 31	29001	Page 49
12198	Page 75	16778	Page 29 / 31	29002	Page 49
15015	Page 71	16779	Page 29 / 31	31000	Page 33
15030	Page 43 / 69	16780	Page 29 / 31	31001	Page 33
15031	Page 43 / 69	16781	Page 29 / 31	31002	Page 33
15032	Page 69	16782	Page 29 / 31	31003	Page 33
15033	Page 69	16783	Page 29 / 31	31004	Page 39
15036	Page 73	16784	Page 29 / 31	31005	Page 39
15037	Page 73	16785	Page 29 / 31	31006	Page 39
16225	Page 51 / 77	16786	Page 29 / 31	31007	Page 39
16226	Page 51 / 77	16787	Page 29 / 31	31008	Page 39
16233	Page 51	16788	Page 31	31009	Page 39
16234	Page 51	16789	Page 31	31010	Page 65
16235	Page 51	17223	Page 26	31011	Page 37
16237	Page 51	19040	Page 45 / 73	31012	Page 37
16300	Page 25	19041	Page 45 / 73	31013	Page 37
16300-B	Page 25	19044	Page 45	31014	Page 37
16302	Page 26	19045	Page 45 / 73	31015	Page 37
16305	Page 25	19048	Page 45 / 73	31016	Page 37
16305-B	Page 25	19049	Page 45 / 73	31017	Page 63
16309	Page 25	19064	Page 43	31018	Page 49
16319	Page 26	19239	Page 45	31019	Page 49
16700	Page 29 / 31	19245	Page 45	31020	Page 41 / 67
16701	Page 29	19270	Page 45	31021	Page 41
16702	Page 29	19276	Page 45	31022	Page 41 / 67
16703	Page 29	19296	Page 45 / 73	31023	Page 41
16704	Page 29	19296-3 h	Page 45 / 73	31024	Page 53
16705	Page 29	19296-8 h	Page 45 / 73	31025	Page 47
16706	Page 29	19296+15036	Page 45 / 73	31026	Page 47
16707	Page 29	19296-3 h+15036	Page 45 / 73	31027	Page 47
16708	Page 29	19296-8 h+15036	Page 45 / 73	31028	Page 89
16709	Page 29	19296+15037	Page 45 / 73	31029	Page 47
16710	Page 29	19296-3 h+15037	Page 45 / 73	31030	Page 89
16711	Page 29	19296-8 h+15037	Page 45 / 73	31031	Page 83
16917M	Page 49	19270 + RA03	Page 73	31032	Page 29
16733	Page 55	19342	Page 97	31033	Page 29
16734	Page 55	19343	Page 97	31034	Page 29
16735	Page 55	19346	Page 55	31035	Page 29
16736	Page 55	19375	Page 99	31036	Page 55
16737	Page 55	19376	Page 99	31037	Page 55
16748	Page 57	19380	Page 29	31038	Page 57
16749	Page 57	19381	Page 29	31039	Page 57
16750	Page 57	19382	Page 29	31040	Page 97
16751	Page 57	19383	Page 29	31041	Page 59
16752	Page 57	19384	Page 29	31042	Page 59

<b>31043</b>	Page 59	<b>31098</b>	Page 55 / 77	<b>32033</b>	Page 29
<b>31044</b>	Page 59	<b>31099</b>	Page 75	<b>32034</b>	Page 29
<b>31045</b>	Page 59	<b>31100</b>	Page 87	<b>32035</b>	Page 29
<b>31046</b>	Page 59	<b>31101</b>	Page 87	<b>32036</b>	Page 55
<b>31047</b>	Page 59	<b>31102</b>	Page 87	<b>32037</b>	Page 55
<b>31048</b>	Page 59	<b>31103</b>	Page 93	<b>32038</b>	Page 57
<b>31049</b>	Page 61	<b>31104</b>	Page 31	<b>32039</b>	Page 57
<b>31050</b>	Page 61	<b>31105</b>	Page 31	<b>32040</b>	Page 57
<b>31051</b>	Page 61	<b>31106</b>	Page 31	<b>32041</b>	Page 57
<b>31052</b>	Page 61	<b>31107</b>	Page 31	<b>32042</b>	Page 97
<b>31053</b>	Page 69	<b>31108</b>	Page 31	<b>32043</b>	Page 59
<b>31054</b>	Page 43	<b>31109</b>	Page 31	<b>32044</b>	Page 59
<b>31056</b>	Page 85	<b>31110</b>	Page 31	<b>32045</b>	Page 59
<b>31057</b>	Page 85	<b>31111</b>	Page 31	<b>32046</b>	Page 59
<b>31058</b>	Page 79	<b>31114</b>	Page 71	<b>32047</b>	Page 59
<b>31059</b>	Page 79	<b>31115</b>	Page 71	<b>32048</b>	Page 59
<b>31060</b>	Page 79	<b>31124</b>	Page 45 / 73	<b>32049</b>	Page 59
<b>31061</b>	Page 79	<b>31151</b>	Page 35	<b>32050</b>	Page 59
<b>31062</b>	Page 79	<b>31152</b>	Page 35	<b>32051</b>	Page 61
<b>31063</b>	Page 79	<b>31153</b>	Page 35	<b>32052</b>	Page 61
<b>31064</b>	Page 79	<b>31154</b>	Page 91	<b>32053</b>	Page 61
<b>31065</b>	Page 79	<b>31155</b>	Page 91	<b>32054</b>	Page 61
<b>31066</b>	Page 79	<b>32000</b>	Page 33	<b>32055</b>	Page 43
<b>31067</b>	Page 79	<b>32001</b>	Page 33	<b>32057</b>	Page 85
<b>31068</b>	Page 79	<b>32002</b>	Page 33	<b>32058</b>	Page 85
<b>31069</b>	Page 79	<b>32003</b>	Page 33	<b>32059</b>	Page 79
<b>31070</b>	Page 79	<b>32004</b>	Page 39	<b>32060</b>	Page 79
<b>31071</b>	Page 79	<b>32005</b>	Page 39	<b>32061</b>	Page 79
<b>31072</b>	Page 79	<b>32006</b>	Page 39	<b>32062</b>	Page 79
<b>31073</b>	Page 79	<b>32007</b>	Page 39	<b>32063</b>	Page 79
<b>31074</b>	Page 79	<b>32008</b>	Page 39	<b>32064</b>	Page 79
<b>31075</b>	Page 79	<b>32009</b>	Page 39	<b>32065</b>	Page 81
<b>31076</b>	Page 79	<b>32010</b>	Page 65	<b>32066</b>	Page 81
<b>31077</b>	Page 79	<b>32011</b>	Page 37	<b>32067</b>	Page 81
<b>31078</b>	Page 79	<b>32012</b>	Page 37	<b>32068</b>	Page 81
<b>31079</b>	Page 79	<b>32013</b>	Page 37	<b>32069</b>	Page 51 / 77
<b>31080</b>	Page 79	<b>32014</b>	Page 37	<b>32071</b>	Page 87
<b>31081</b>	Page 79	<b>32015</b>	Page 37	<b>32072</b>	Page 87
<b>31082</b>	Page 81	<b>32016</b>	Page 37	<b>32073</b>	Page 87
<b>31083</b>	Page 81	<b>32017</b>	Page 63	<b>32074</b>	Page 93
<b>31084</b>	Page 81	<b>32018</b>	Page 49	<b>32075</b>	Page 31
<b>31085</b>	Page 81	<b>32019</b>	Page 49	<b>32076</b>	Page 31
<b>31086</b>	Page 81	<b>32020</b>	Page 41 / 67	<b>32077</b>	Page 31
<b>31087</b>	Page 81	<b>32021</b>	Page 41	<b>32078</b>	Page 31
<b>31088</b>	Page 81	<b>32022</b>	Page 41 / 67	<b>32079</b>	Page 31
<b>31089</b>	Page 81	<b>32024</b>	Page 53	<b>32080</b>	Page 31
<b>31090</b>	Page 81	<b>32025</b>	Page 47	<b>32081</b>	Page 31
<b>31091</b>	Page 81	<b>32026</b>	Page 47	<b>32082</b>	Page 31
<b>31092</b>	Page 81	<b>32027</b>	Page 47	<b>32084</b>	Page 71
<b>31093</b>	Page 81	<b>32028</b>	Page 89	<b>32089</b>	Page 75
<b>31094</b>	Page 81	<b>32029</b>	Page 47	<b>32092</b>	Page 69
<b>31095</b>	Page 81	<b>32030</b>	Page 89	<b>32094</b>	Page 45 / 73
<b>31096</b>	Page 81	<b>32031</b>	Page 83	<b>32098</b>	Page 35
<b>31097</b>	Page 81	<b>32032</b>	Page 29 / 41	<b>32099</b>	Page 35

## ORDER CODES

<b>32100</b>	Page 35	<b>36036</b>	Page 37	<b>36057</b>	Page 49
<b>32105</b>	Page 91	<b>36037</b>	Page 37	<b>36058</b>	Page 49
<b>32106</b>	Page 91	<b>36038</b>	Page 37	<b>36059</b>	Page 49
<b>36194</b>	Page 31	<b>36039</b>	Page 37	<b>36084</b>	Page 53
<b>36195</b>	Page 31	<b>36040</b>	Page 37	<b>36085</b>	Page 53
<b>36196</b>	Page 31	<b>36041</b>	Page 37	<b>36086</b>	Page 53
<b>36197</b>	Page 31	<b>36042</b>	Page 37	<b>36090</b>	Page 59
<b>36198</b>	Page 31	<b>36043</b>	Page 37	<b>36091</b>	Page 59
<b>36199</b>	Page 31	<b>36044</b>	Page 37	<b>36092</b>	Page 59
<b>36188</b>	Page 31	<b>36045</b>	Page 37	<b>36096</b>	Page 59
<b>36189</b>	Page 31	<b>36046</b>	Page 37	<b>36097</b>	Page 59
<b>36190</b>	Page 31	<b>36047</b>	Page 37	<b>36098</b>	Page 59
<b>36191</b>	Page 31	<b>36045</b>	Page 37	<b>36087</b>	Page 59
<b>36192</b>	Page 31	<b>36046</b>	Page 37	<b>36088</b>	Page 59
<b>36193</b>	Page 31	<b>36047</b>	Page 37	<b>36089</b>	Page 59
<b>36182</b>	Page 31	<b>36048</b>	Page 37	<b>36087</b>	Page 59
<b>36183</b>	Page 31	<b>36049</b>	Page 37	<b>36088</b>	Page 59
<b>36184</b>	Page 31	<b>36050</b>	Page 37	<b>36089</b>	Page 59
<b>36185</b>	Page 31	<b>36012</b>	Page 39	<b>36093</b>	Page 59
<b>36186</b>	Page 31	<b>36013</b>	Page 39	<b>36094</b>	Page 59
<b>36187</b>	Page 31	<b>36014</b>	Page 39	<b>36095</b>	Page 59
<b>36176</b>	Page 31	<b>36015</b>	Page 39	<b>36114</b>	Page 61
<b>36177</b>	Page 31	<b>36016</b>	Page 39	<b>36115</b>	Page 61
<b>36178</b>	Page 31	<b>36017</b>	Page 39	<b>36116</b>	Page 61
<b>36176</b>	Page 31	<b>36018</b>	Page 39	<b>36120</b>	Page 61
<b>36177</b>	Page 31	<b>36019</b>	Page 39	<b>36121</b>	Page 61
<b>36178</b>	Page 31	<b>36020</b>	Page 39	<b>36122</b>	Page 61
<b>36179</b>	Page 31	<b>36021</b>	Page 39	<b>36111</b>	Page 61
<b>36180</b>	Page 31	<b>36022</b>	Page 39	<b>36112</b>	Page 61
<b>36181</b>	Page 31	<b>36023</b>	Page 39	<b>36113</b>	Page 61
<b>36000</b>	Page 33	<b>36024</b>	Page 39	<b>36117</b>	Page 61
<b>36001</b>	Page 33	<b>36025</b>	Page 39	<b>36118</b>	Page 61
<b>36002</b>	Page 33	<b>36026</b>	Page 39	<b>36119</b>	Page 61
<b>36006</b>	Page 33	<b>36027</b>	Page 39	<b>36051</b>	Page 63
<b>36007</b>	Page 33	<b>36028</b>	Page 39	<b>36052</b>	Page 63
<b>36008</b>	Page 33	<b>36029</b>	Page 39	<b>36053</b>	Page 63
<b>36006</b>	Page 33	<b>36060</b>	Page 41	<b>36030</b>	Page 65
<b>36004</b>	Page 33	<b>36061</b>	Page 41	<b>36031</b>	Page 65
<b>36005</b>	Page 33	<b>36062</b>	Page 41	<b>36032</b>	Page 65
<b>36009</b>	Page 33	<b>36066</b>	Page 41	<b>36060</b>	Page 67
<b>36010</b>	Page 33	<b>36067</b>	Page 41	<b>36061</b>	Page 67
<b>36011</b>	Page 33	<b>36068</b>	Page 41	<b>36062</b>	Page 67
<b>36238</b>	Page 35	<b>36072</b>	Page 41	<b>36072</b>	Page 67
<b>36239</b>	Page 35	<b>36073</b>	Page 41	<b>36073</b>	Page 67
<b>36240</b>	Page 35	<b>36074</b>	Page 41	<b>36074</b>	Page 67
<b>36241</b>	Page 35	<b>36078</b>	Page 41	<b>36138</b>	Page 79
<b>36242</b>	Page 35	<b>36073</b>	Page 41	<b>36139</b>	Page 79
<b>36243</b>	Page 35	<b>36074</b>	Page 41	<b>36140</b>	Page 79
<b>36244</b>	Page 35	<b>36078</b>	Page 41	<b>36144</b>	Page 79
<b>36245</b>	Page 35	<b>36079</b>	Page 41	<b>36145</b>	Page 79
<b>36246</b>	Page 35	<b>36080</b>	Page 41	<b>36146</b>	Page 79
<b>36033</b>	Page 37	<b>36054</b>	Page 49	<b>36150</b>	Page 79
<b>36034</b>	Page 37	<b>36055</b>	Page 49	<b>36151</b>	Page 79
<b>36035</b>	Page 37	<b>36056</b>	Page 49	<b>36152</b>	Page 79



<b>36135</b>	Page 79	<b>37027</b>	Page 39	<b>37081</b>	Page 57
<b>36136</b>	Page 79	<b>37028</b>	Page 39	<b>37082</b>	Page 57
<b>36137</b>	Page 79	<b>37029</b>	Page 39	<b>37083</b>	Page 57
<b>36141</b>	Page 79	<b>37030</b>	Page 65	<b>37084</b>	Page 57
<b>36142</b>	Page 79	<b>37031</b>	Page 65	<b>37085</b>	Page 57
<b>36143</b>	Page 79	<b>37032</b>	Page 65	<b>37086</b>	Page 57
<b>36147</b>	Page 79	<b>37033</b>	Page 37	<b>37087</b>	Page 97
<b>36148</b>	Page 79	<b>37034</b>	Page 37	<b>37088</b>	Page 97
<b>36149</b>	Page 79	<b>37035</b>	Page 37	<b>37089</b>	Page 97
<b>36156</b>	Page 81	<b>37036</b>	Page 37	<b>37090</b>	Page 43 / 69
<b>36157</b>	Page 81	<b>37037</b>	Page 37	<b>37091</b>	Page 43 / 69
<b>36158</b>	Page 81	<b>37038</b>	Page 37	<b>37092</b>	Page 43 / 69
<b>36162</b>	Page 81	<b>37039</b>	Page 37	<b>37096</b>	Page 85
<b>36163</b>	Page 81	<b>37040</b>	Page 37	<b>37097</b>	Page 85
<b>36164</b>	Page 81	<b>37041</b>	Page 37	<b>37098</b>	Page 85
<b>36153</b>	Page 81	<b>37042</b>	Page 37	<b>37099</b>	Page 85
<b>36154</b>	Page 81	<b>37043</b>	Page 37	<b>37100</b>	Page 85
<b>36155</b>	Page 81	<b>37044</b>	Page 37	<b>37101</b>	Page 85
<b>36159</b>	Page 81	<b>37045</b>	Page 37	<b>37102</b>	Page 79
<b>36160</b>	Page 81	<b>37046</b>	Page 37	<b>37103</b>	Page 79
<b>36161</b>	Page 81	<b>37047</b>	Page 37	<b>37104</b>	Page 79
<b>36123</b>	Page 85	<b>37048</b>	Page 37	<b>37105</b>	Page 79
<b>36124</b>	Page 85	<b>37049</b>	Page 37	<b>37106</b>	Page 79
<b>36125</b>	Page 85	<b>37050</b>	Page 37	<b>37107</b>	Page 79
<b>36129</b>	Page 85	<b>37051</b>	Page 63	<b>37108</b>	Page 79
<b>36130</b>	Page 85	<b>37052</b>	Page 63	<b>37109</b>	Page 79
<b>36131</b>	Page 85	<b>37053</b>	Page 63	<b>37110</b>	Page 79
<b>37000</b>	Page 33	<b>37054</b>	Page 49	<b>37111</b>	Page 79
<b>37001</b>	Page 33	<b>37055</b>	Page 49	<b>37112</b>	Page 79
<b>37002</b>	Page 33	<b>37056</b>	Page 49	<b>37113</b>	Page 79
<b>37003</b>	Page 33	<b>37057</b>	Page 49	<b>37114</b>	Page 79
<b>37004</b>	Page 33	<b>37058</b>	Page 49	<b>37115</b>	Page 79
<b>37005</b>	Page 33	<b>37059</b>	Page 49	<b>37116</b>	Page 79
<b>37006</b>	Page 33	<b>37060</b>	Page 41 / 67	<b>37117</b>	Page 79
<b>37007</b>	Page 33	<b>37061</b>	Page 41 / 67	<b>37118</b>	Page 79
<b>37008</b>	Page 33	<b>37062</b>	Page 41 / 67	<b>37119</b>	Page 79
<b>37009</b>	Page 33	<b>37063</b>	Page 41	<b>37120</b>	Page 81
<b>37010</b>	Page 33	<b>37064</b>	Page 41	<b>37121</b>	Page 81
<b>37011</b>	Page 33	<b>37065</b>	Page 41	<b>37122</b>	Page 81
<b>37012</b>	Page 39	<b>37066</b>	Page 41 / 67	<b>37123</b>	Page 81
<b>37013</b>	Page 39	<b>37067</b>	Page 41 / 67	<b>37124</b>	Page 81
<b>37014</b>	Page 39	<b>37068</b>	Page 41 / 67	<b>37125</b>	Page 81
<b>37015</b>	Page 39	<b>37069</b>	Page 41	<b>37126</b>	Page 81
<b>37016</b>	Page 39	<b>37070</b>	Page 41	<b>37127</b>	Page 81
<b>37017</b>	Page 39	<b>37071</b>	Page 41	<b>37128</b>	Page 81
<b>37018</b>	Page 39	<b>37072</b>	Page 53	<b>37129</b>	Page 81
<b>37019</b>	Page 39	<b>37073</b>	Page 53	<b>37130</b>	Page 81
<b>37020</b>	Page 39	<b>37074</b>	Page 53	<b>37131</b>	Page 81
<b>37021</b>	Page 39	<b>37075</b>	Page 55	<b>37132</b>	Page 31
<b>37022</b>	Page 39	<b>37076</b>	Page 55	<b>37133</b>	Page 31
<b>37023</b>	Page 39	<b>37077</b>	Page 55	<b>37134</b>	Page 31
<b>37024</b>	Page 39	<b>37078</b>	Page 55	<b>37135</b>	Page 31
<b>37025</b>	Page 39	<b>37079</b>	Page 55	<b>37136</b>	Page 31
<b>37026</b>	Page 39	<b>37080</b>	Page 55	<b>37137</b>	Page 31

37139	Page 31	E16135M	Page 39 / 91	E16720M	Page 37
37140	Page 31	E16136M	Page 39 / 91	E16721M	Page 37
37141	Page 31	E16241	Page 39 / 91	E16722M	Page 37
37142	Page 31	E16242	Page 39 / 91	E16723	Page 37
37143	Page 31	E16251	Page 39 / 91	E16724	Page 37
37144	Page 31	E16260M	Page 33	E16725M	Page 37
37145	Page 31	E16261M	Page 33	E16726M	Page 37
37146	Page 31	E16263M	Page 33	E16727M	Page 37
37147	Page 31	E16310M	Page 33	E16728M	Page 37
37148	Page 31	E16311M	Page 33	E16729M	Page 37
37149	Page 31	E16318M	Page 33	E16730M	Page 37
37150	Page 31	E16319M	Page 33	E16731M	Page 37
37151	Page 31	E16328M	Page 33	E16733M	Page 37
37152	Page 31	E16435	Page 33	E16734M	Page 37
37153	Page 31	E16436	Page 33	E16735M	Page 37
37154	Page 31	E16437	Page 33	E16736M	Page 37
37155	Page 31	E16442	Page 37	E16910M	Page 93
37183	Page 59	E16443	Page 37	E16911M	Page 93
37184	Page 59	E16444	Page 37	E16912M	Page 93
37185	Page 59	E16500M	Page 35	E16913M	Page 93
37186	Page 59	E16501M	Page 35	E16914M	Page 93
37187	Page 59	E16502M	Page 35	E16915M	Page 93
37188	Page 59	E16604M	Page 39 / 91	F15325M	Page 53
37189	Page 59	E16605M	Page 39 / 91	F15326M	Page 53
37190	Page 59	E16606M	Page 39 / 91	F15327M	Page 53
37191	Page 59	E16607	Page 39 / 91	F15328M	Page 53
37192	Page 59	E16608M	Page 39 / 91	F15329M	Page 53
37193	Page 59	E16609M	Page 39 / 91	F15330M	Page 53
37194	Page 59	E16610M	Page 39 / 91	F15331M	Page 53
37207	Page 61	E16611	Page 39 / 91	F15332M	Page 53
37208	Page 61	E16620M	Page 39 / 91	F15337MU	Page 47 / 89
37209	Page 61	E16621M	Page 39 / 91	F15337MR	Page 47 / 89
37210	Page 61	E16622M	Page 39 / 91	F15337ML	Page 47 / 89
37211	Page 61	E16623M	Page 39 / 91	F15337MO	Page 47 / 89
37212	Page 61	E16640M	Page 39 / 91	F15338MU	Page 47 / 89
37214	Page 61	E16642M	Page 39 / 91	F15338MR	Page 47 / 89
37215	Page 61	E16641M	Page 39 / 91	F15338ML	Page 47 / 89
37216	Page 61	E16643M	Page 39 / 91	F15338MO	Page 47 / 89
37217	Page 61	E16645M	Page 39	F90300	Page 25
37218	Page 61	E16646M	Page 39	F95032K	Page 39 / 49 / 65 / 91
37219	Page 87	E16647M	Page 39	F95055	Page 39 / 91
37220	Page 87	E16648M	Page 39	F95056	Page 39 / 91
37221	Page 87	E16700M	Page 41	F95057	Page 39 / 45 / 91
37222	Page 87	E16701M	Page 41	F95067	Page 39 / 45 / 91
37223	Page 87	E16710M	Page 37	F95070	Page 39 / 91
37224	Page 87	E16711M	Page 37	F95109PK	Page 47 / 89
E16040M-KIT-F65	Page 45	E16712M	Page 37	F95109PR	Page 47 / 89
E16041M-KIT-F65	Page 45	E16713	Page 37	F95109PS	Page 47 / 89
E16042M-KIT-F65	Page 45	E16714	Page 37	F95109P	Page 47 / 89
E16043M-KIT-F65	Page 45	E16715M	Page 37	F95198	Page 35
E16045M-KIT-F65	Page 45	E16716M	Page 37	F95199	Page 35
E16129M	Page 33	E16717M	Page 37	F95210	Page 53
E16132M	Page 33	E16718	Page 37	F95400	Page 39 / 53 / 91
E16134M	Page 39 / 91	E16719	Page 37	F95401	Page 39 / 91

<b>F95406</b>	Page 53	<b>F95944</b>	Page 31
<b>F95510</b>	Page 49	<b>F95945</b>	Page 33
<b>F95511</b>	Page 49	<b>F95946</b>	Page 33
<b>F95512</b>	Page 49	<b>F95947</b>	Page 33
<b>F95600</b>	Page 39 / 45 / 53 / 91	<b>F95948</b>	Page 33
<b>F95601</b>	Page 39 / 45 / 53 / 91	<b>F95949</b>	Page 33
<b>F95602</b>	Page 39 / 45 / 53 / 91	<b>F95950</b>	Page 33
<b>F95603</b>	Page 41	<b>F95951</b>	Page 33
<b>F95604</b>	Page 41	<b>F95952</b>	Page 33
<b>F95605</b>	Page 41	<b>F95953</b>	Page 33
<b>F95606</b>	Page 41	<b>F95954</b>	Page 33
<b>F95607</b>	Page 41 / 67	<b>F95955</b>	Page 33
<b>F95608</b>	Page 41	<b>F95956</b>	Page 33
<b>F95609</b>	Page 41	<b>F95957</b>	Page 33
<b>F95610</b>	Page 41	<b>F95958</b>	Page 33
<b>F95611</b>	Page 41	<b>F95959</b>	Page 33
<b>F95612</b>	Page 41	<b>F95960</b>	Page 33
<b>F95613</b>	Page 41	<b>F95961</b>	Page 45
<b>F95700</b>	Page 49	<b>G31305</b>	Page 26
<b>F95714</b>	Page 37	<b>RA03</b>	Page 73
<b>F95717</b>	Page 37	<b>RA07</b>	Page 99
<b>F95718</b>	Page 37	<b>RA08</b>	Page 99
<b>F95719</b>	Page 37	<b>R2436SA</b>	Page 45
<b>F95720</b>	Page 37	<b>SWB16311</b>	Page 27
<b>F95721</b>	Page 37	<b>V90800L</b>	Page 101
<b>F95722</b>	Page 37	<b>V90800L-FM</b>	Page 101
<b>F95723</b>	Page 37	<b>V90801L</b>	Page 101
<b>F95724</b>	Page 37 / 63	<b>V90801L-FM</b>	Page 101
<b>F95729</b>	Page 37	<b>V90802L</b>	Page 101
<b>F95803</b>	Page 55 / 57	<b>V90802L-FM</b>	Page 101
<b>F95804</b>	Page 55 / 57	<b>V90803L</b>	Page 101
<b>F95806-RAL9003</b>	Page 59	<b>V90803L-FM</b>	Page 101
<b>F95806-INOX</b>	Page 59	<b>V90805L</b>	Page 101
<b>F95807</b>	Page 55 / 57 / 97	<b>V90805L-FM</b>	Page 101
<b>F95808</b>	Page 55 / 57 / 97		
<b>F95811</b>	Page 55 / 57		
<b>F95812</b>	Page 55 / 57		
<b>F95813</b>	Page 57		
<b>F95814</b>	Page 57		
<b>F95815</b>	Page 55 / 57 / 97		
<b>F95900</b>	Page 35		
<b>F95901</b>	Page 35		
<b>F95902</b>	Page 35		
<b>F95903</b>	Page 35		
<b>F95904</b>	Page 35		
<b>F95905</b>	Page 35		
<b>F95906</b>	Page 35		
<b>F95914</b>	Page 35		
<b>F95915</b>	Page 35		
<b>F95917</b>	Page 35		
<b>F95940</b>	Page 85		
<b>F95941</b>	Page 85		
<b>F95942</b>	Page 45 / 73		
<b>F95943</b>	Page 45 / 73		

	Exit sign luminaire surface wall mounting		Explosion protected		Wireless function
	Exit sign luminaire recessed wall mounting		Stable against chemical stress		
	Exit sign luminaire surface ceiling mounting		Color temperature		
	Exit sign luminaire recessed ceiling mounting		Color reproduction		
	Exit sign luminaire wire suspension		Type of battery / battery capacity		
	Exit sign luminaire suspension rod (round)		Number of LEDs		
	Exit sign luminaire suspension rod (rectangular)		LED light performance		
	Exit sign luminaire bracket suspension		LED light performance DC		
	Safety luminaire for escape route lighting		LED light performance AC		
	Safety luminaire surface wall mounting		LED light luminous flux		
	Safety luminaire recessed wall mounting		Luminous flux		
	Safety luminaire recessed step mounting		LED lamp power		
	Safety luminaire surface ceiling mounting		LED lamp luminous flux		
	Safety luminaire recessed ceiling mounting		Degree of protection IP		
	Safety luminaire surface ceiling mounting (asymmetric)		Impact resistance IK		
	Safety luminaire wire suspension		Stainless steel		
	Combined exit sign and safety luminaire surface wall mounting		Electronic operating unit		
	Combined exit sign and safety luminaire recessed wall mounting		Conventional operating unit		
	Combined exit sign and safety luminaire wire suspension		T5 lamp		
	Combined exit sign and safety luminaire suspension rod		T8 lamp		
	Combined exit sign and emergency luminaire suspension rod (rectangular)		TC-L lamp		
	Combined exit sign and emergency luminaire bracket suspension		Operating time 1 h / 3 h / 8 h		
	Exit sign luminaire Erkennungsweite		External emergency lighting module		
	Safety luminaire light distance		Internal emergency lighting module		
	Stable against UV		Lighting module		





### **Disclaimer**

Beghelli PRÄZISA GmbH is constantly developing and improving the product range. All descriptions, illustrations, drawings and specifications present only general particulars and shall not form part of any contract. The right is reserved to change specifications without prior notification or public announcement.

Publication date: September 2019



**Beghelli PRÄZISA GmbH**

Lanterstraße 34 / D-46539 Dinslaken

Fon +49 (0)2064 9701 - 0

Fax +49 (0)2064 9701 - 99

[www.beghelli.de](http://www.beghelli.de) / [info@beghelli.de](mailto:info@beghelli.de)