Beghelli
PRÄZISA

SAFETY LIGHTING

LUMINAIRES WITH SELF-CONTAINED SUPPLY

LUMINAIRES FOR DECENTRAL SUPPLY

AND

CENTRAL SUPPLY

CATALOGUEV02

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.

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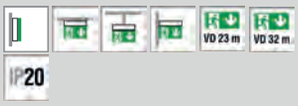
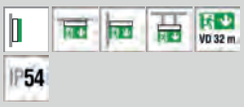
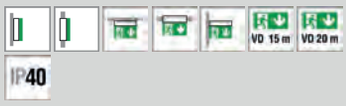
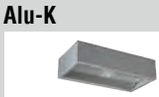
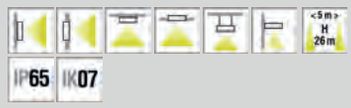
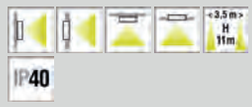
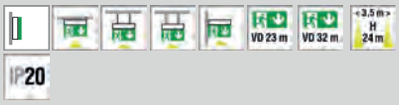
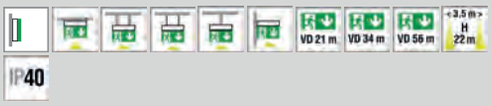
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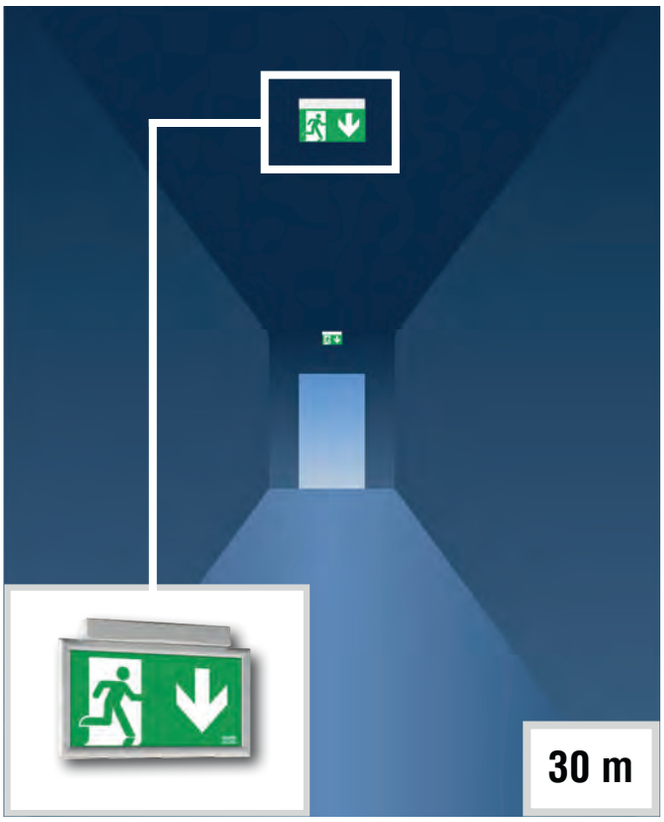
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VARIANTS WITH SELF-CONTAINED SUPPLY

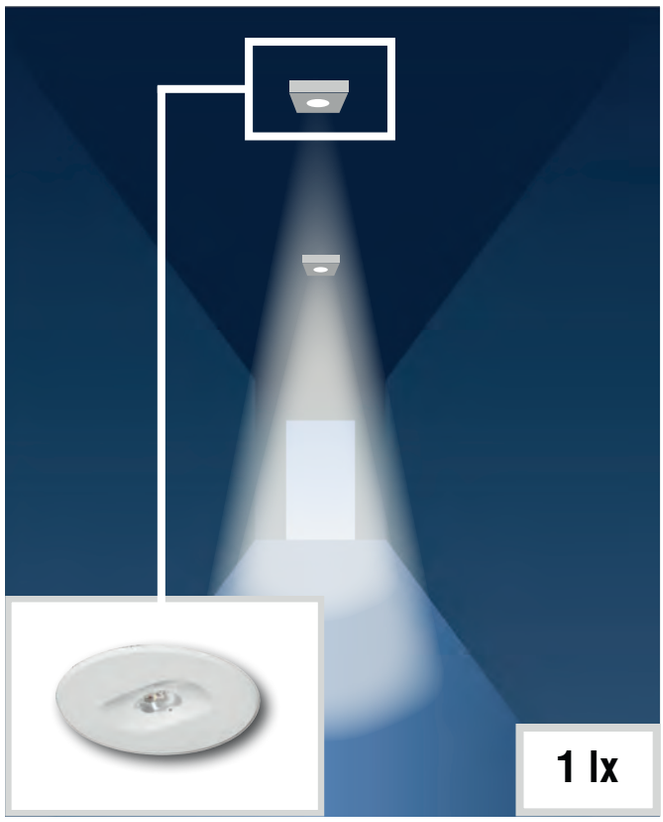
EXIT SIGN LUMINAIRES

for marking of escape routes and emergency exits



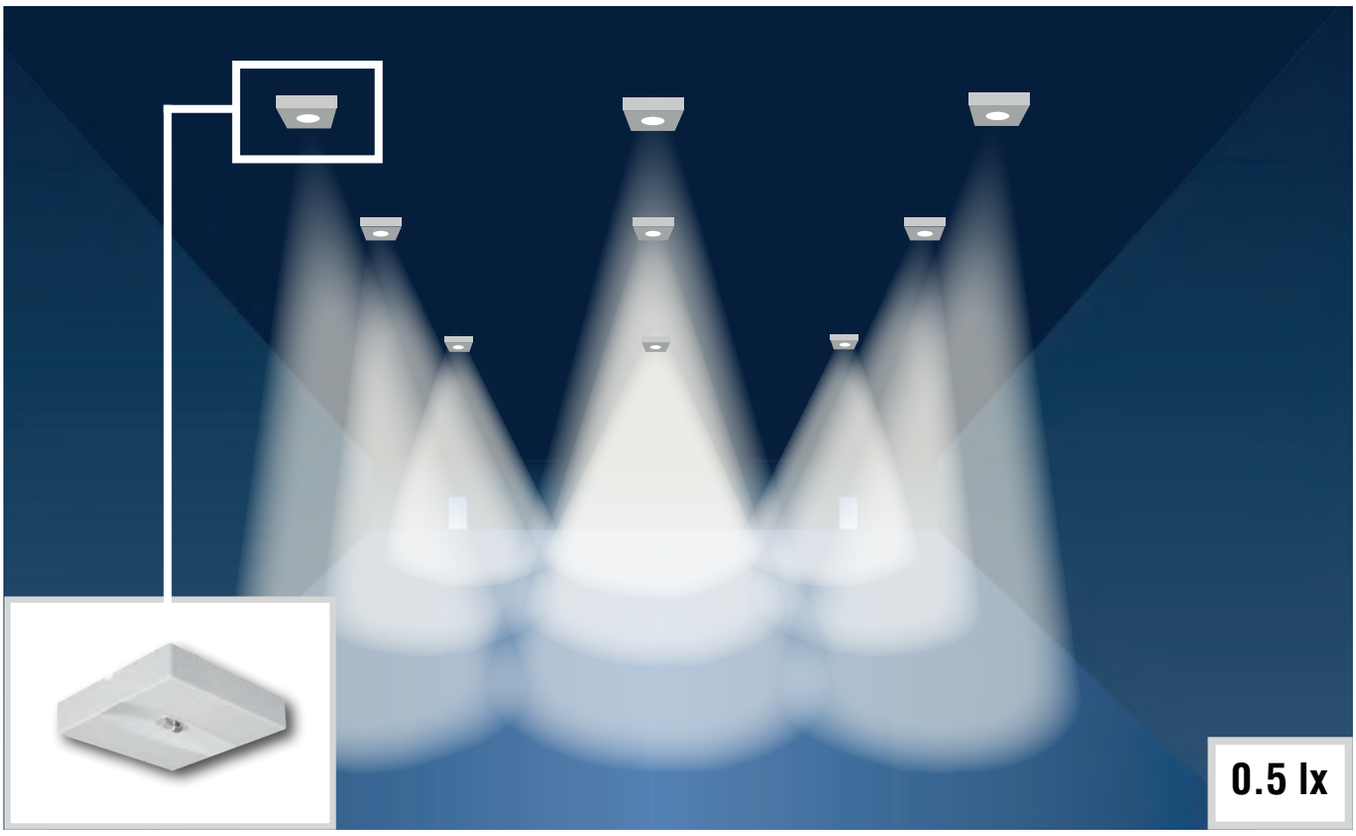
LUMINAIRES

for illumination of escape routes



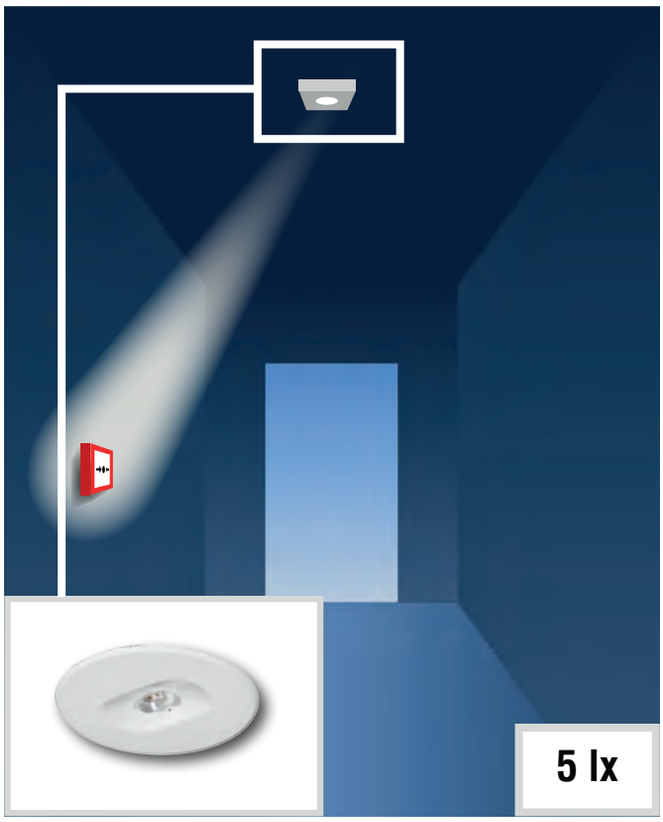
LUMINAIRES

for areas



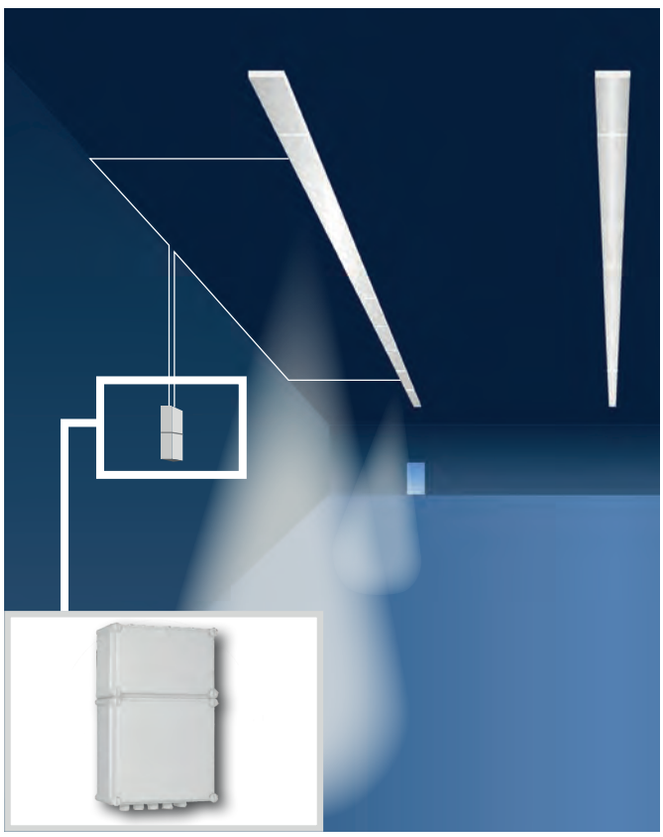
LUMINAIRES

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

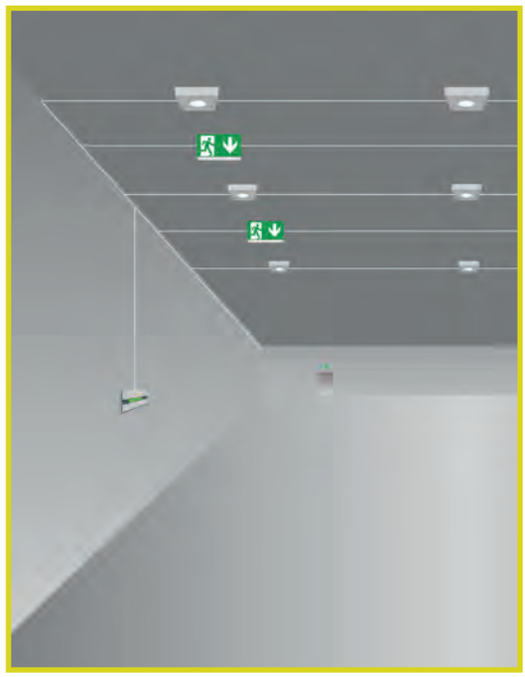
Programmable operating mode

Programmable operating time

Central switching

Central dimming

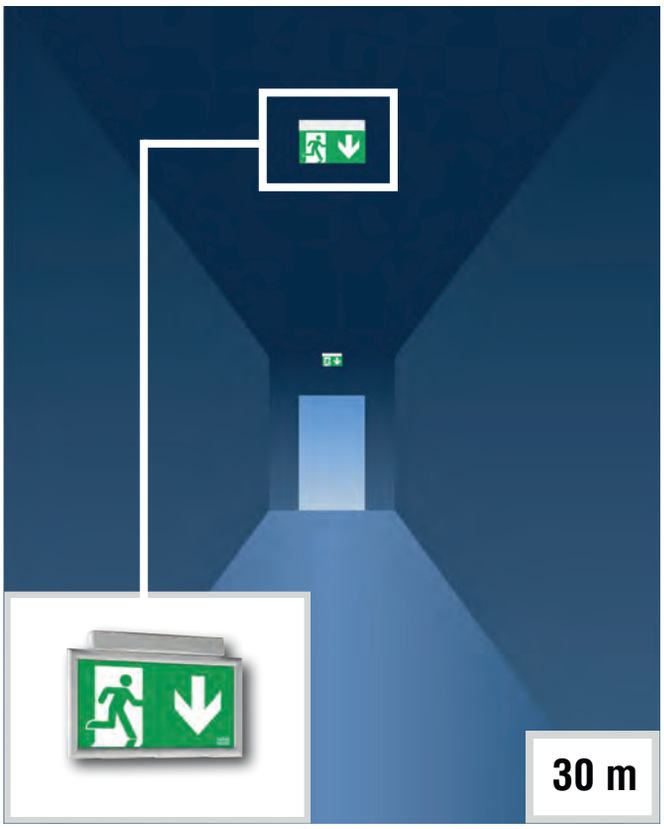




VARIANTS FOR DECENTRAL & CENTRAL SUPPLY

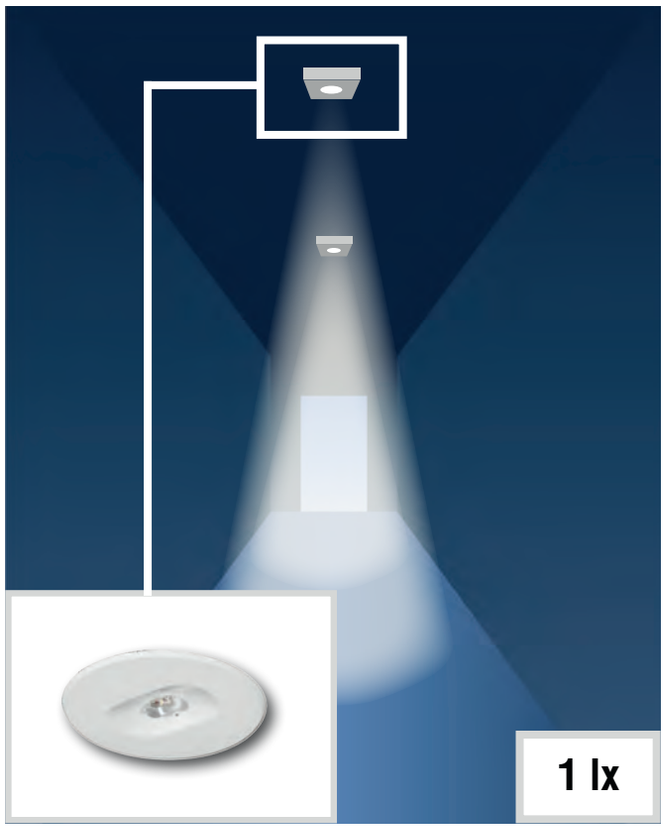
EXIT SIGN LUMINAIRES

for marking of escape routes and emergency exits



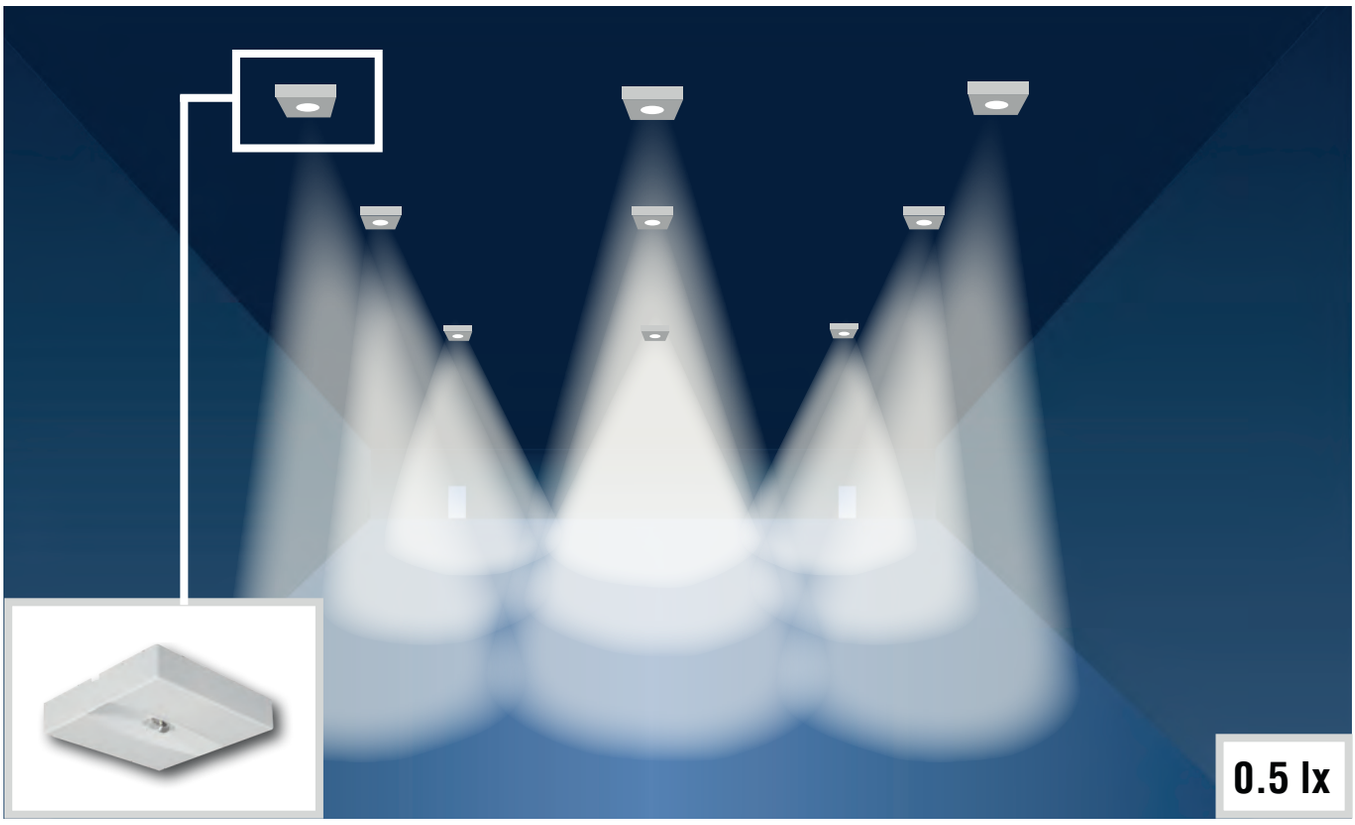
LUMINAIRES

for illumination of escape routes



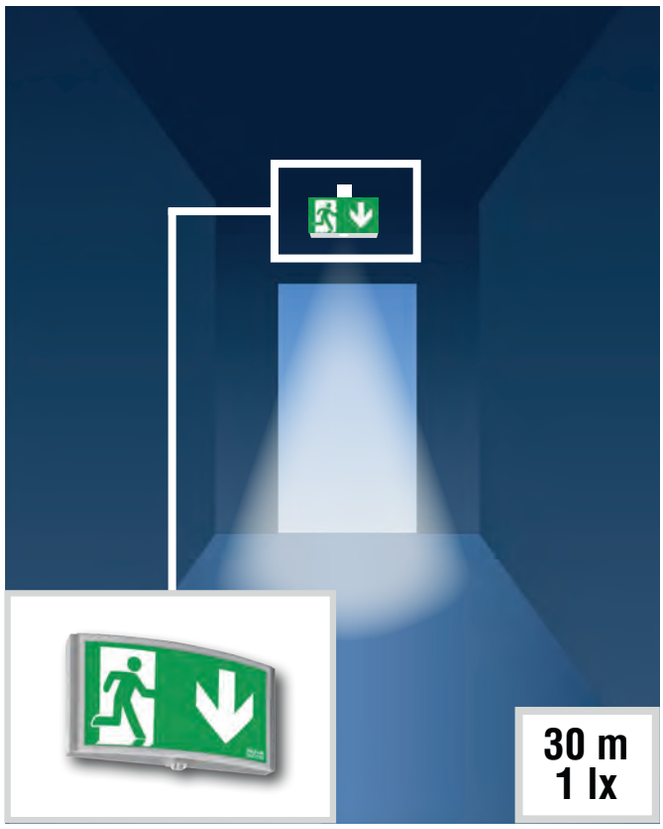
LUMINAIRES

for areas



COMBINED LUMINAIRES

Combined exit sign and safety luminaires for marking and illumination



Combination of exit sign and safety luminaire in one luminaire

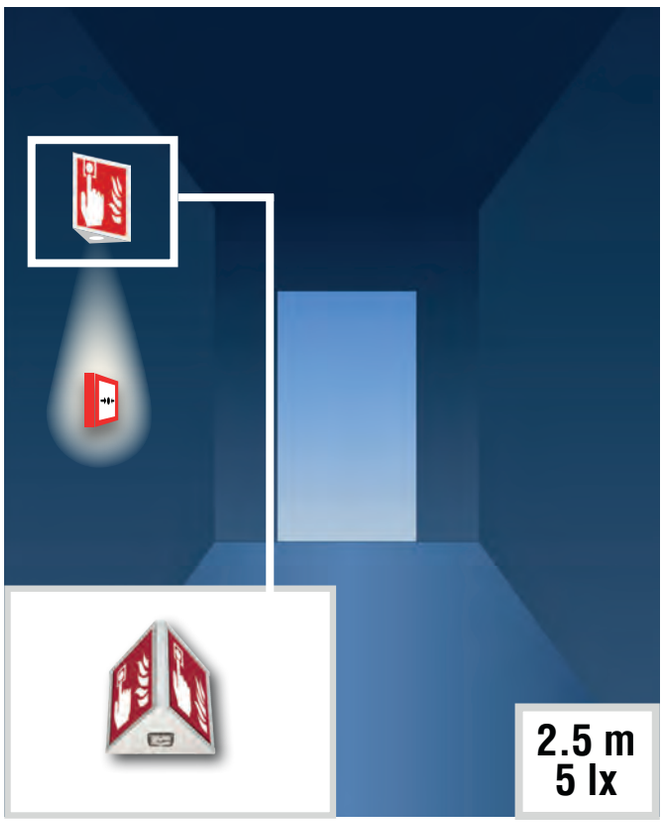
Ideal for **marking and illumination of exits and changes of direction**

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

Seperate switching of both luminaires

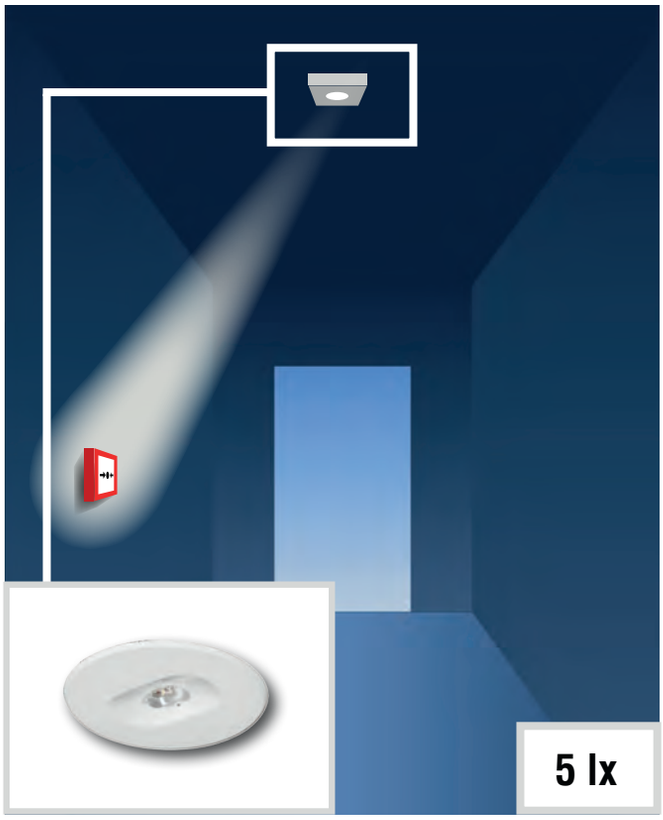
COMBINED LUMINAIRES

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

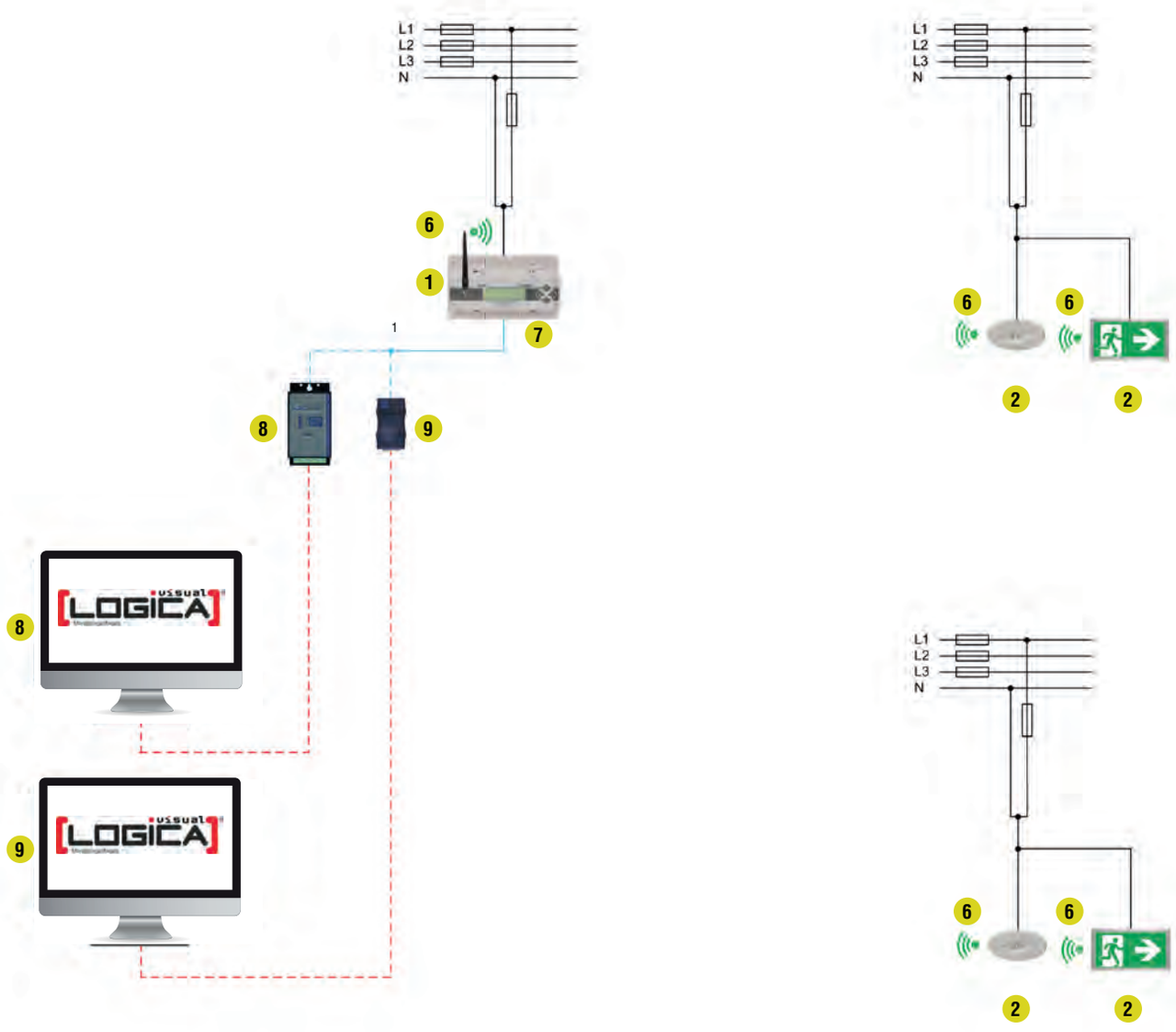
Danger-dependend control of escape route marking

Danger-dependend control of escape route illumination

Choice of **automatic or manual addressing**

Automatic addressing for prevention of addressing failures

TESTING DEVICE LOGICA FM FOR SAFETY LIGHTINGS



1 Testing device **Logica FM**

2 **Exit sign and safety luminaires** with Logica FM interface

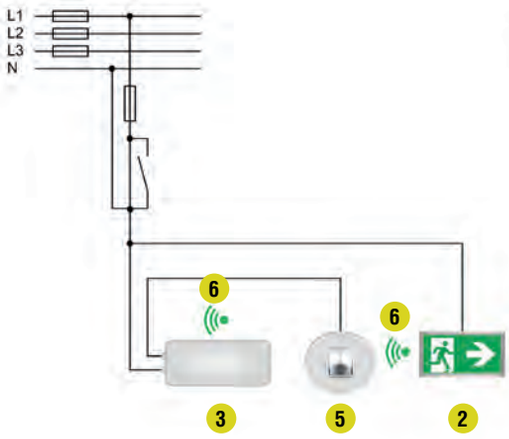
3 **Supply module** with Logica FM interface

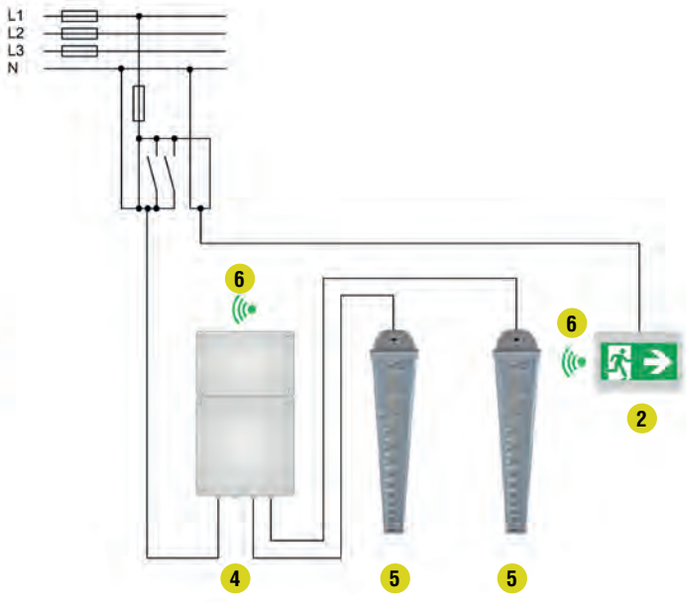
4 **Supply device** with Logica FM interface

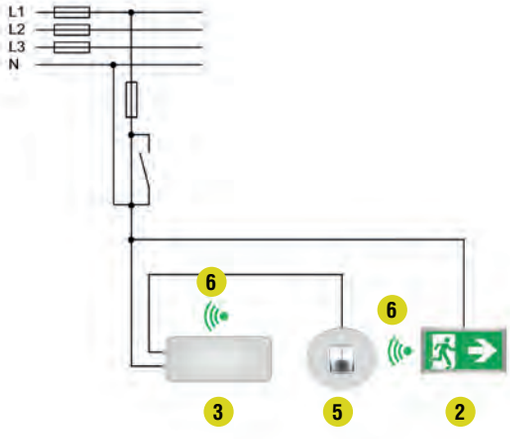
5 **Combined general and safety luminaire**

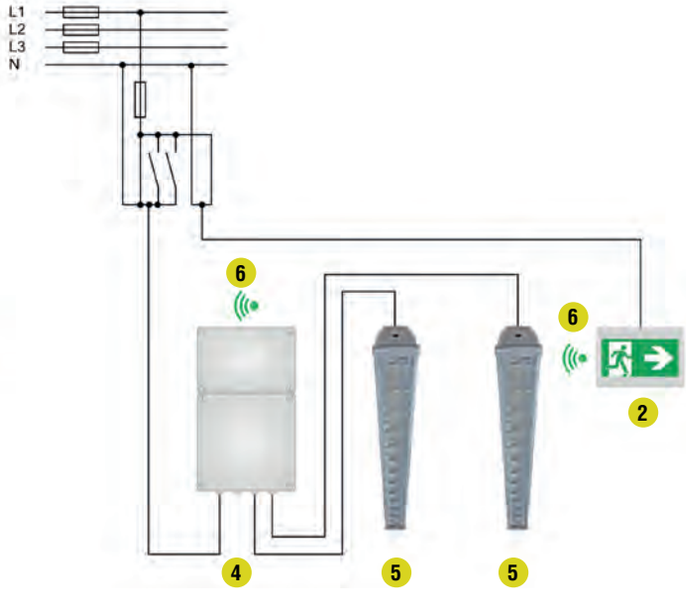
[1] Only one interface per testing device possible

WITH SELF-CONTAINED SUPPLY









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 modulesand 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 uminaires, 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

Mounting options:	DIN rail
Housing:	Polycarbonate
Degree of protection:	IP20
Protection class:	II
Dimensions (H x W x D):	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 lumi naire, 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

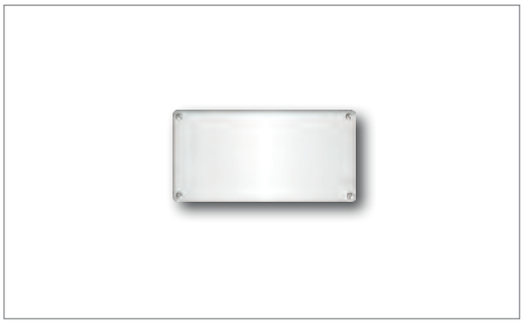


LOGICA FM FOR WALL MOUNTING

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



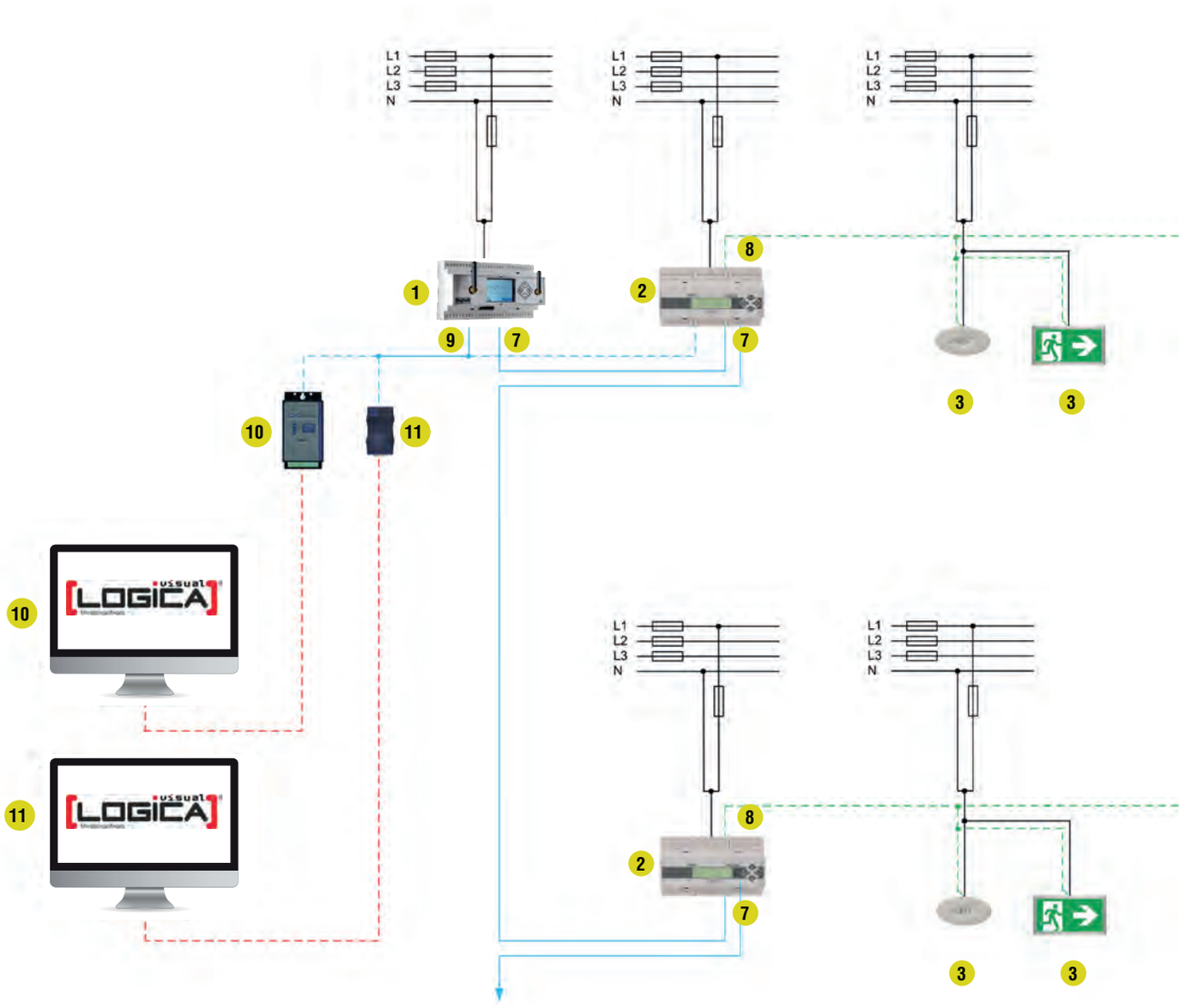
FM-REPEATER

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

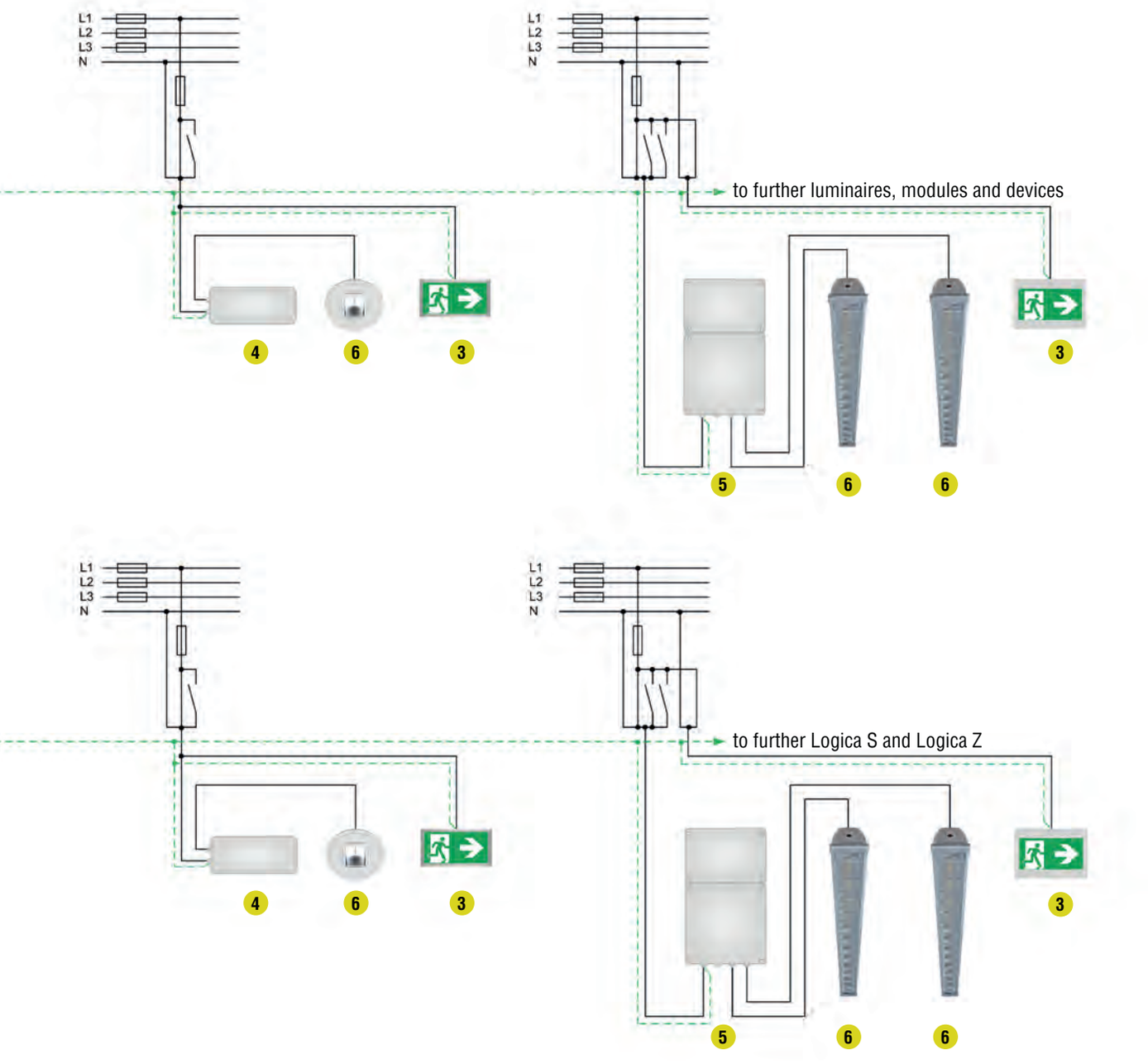
Order code	Description
16321	FM-Repeater

TESTING DEVICE LOGICA FOR SAFETY LUMINAIRES WITH



1. Testing device **Logica Z**
2. Testing device **Logica S**
3. **Exit sign and safety luminaire** with Logica interface
4. **Supply module** with Logia 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 mm², shielded
Length:	max. 1.000 m
Typology:	serial



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

Line bus: 2 x 0.5 mm², length max. 150 m
2 x 1 mm², length max. 300 m
2 x 1.5 mm², 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 modulesand 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 modulesand 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

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

IP20 IP65

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	
16300	Logica S
16305	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
16300-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
16305-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
F90300	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.

Signal output:	Changeover contact, potential-free (250 V / 5 A)
Housing:	Polycarbonate, grey (RAL 7035)
Dimensions (H x W x D):	95 x 48 x 42 mm
Degree of protection:	IP20
Protection class:	II
Mounting options:	DIN rail
Ambient temperature:	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 compuiter with the Logica Visual software via a network.

Housing:	Plastic
Dimensions (H x W x D):	30 x 87 x 56 mm
Degree of protection:	IP20
Protection class:	III
Mounting options:	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.

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

Order code	Description
16319	RS485-USB-Interface

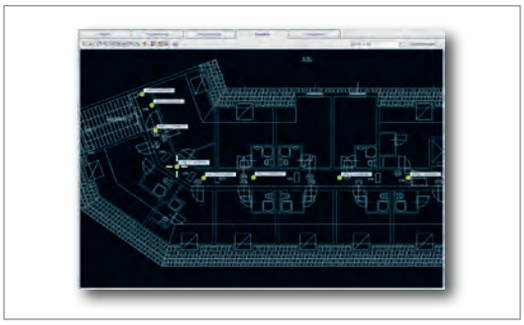


PRINTER

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

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

Housing:	Sheet steel, grey (RAL 7035) (wall) Polycarbonate, grey (RAL 7035) (ceiling, suspension, bracket suspension)
Frame:	Aluminium, anodized
Display pane:	Light guide panel
Film:	Methacrylate, printed
Type of protection:	IP40 (wall), IP41 (Ceiling, suspension, bracket suspension)

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:
Classic: 0 °C to +40 °C

Specification:
Maintained or
non-maintained mode

Protection class:
I

DECENTRAL SUPPLY

Mains supply:
24 V +/- 20% DC

Ambient temperature:
-20 °C to +40 °C

Battery supply:
24 V +/- 20% DC

Protection class:
III

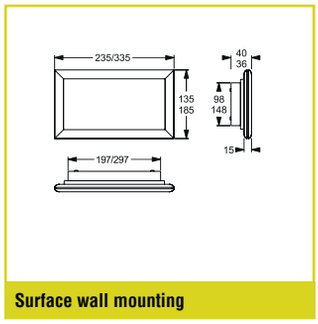
CENTRAL SUPPLY

Mains supply:
198 V–254 V/50 Hz

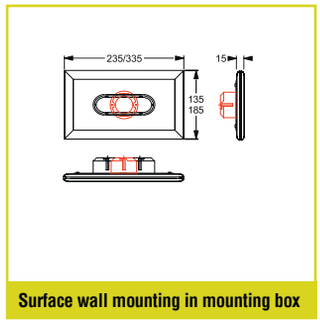
Ambient temperature:
-20 °C to +40 °C

Battery supply:
176 V–276 V

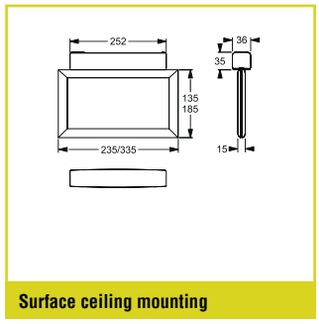
Protection class:
I



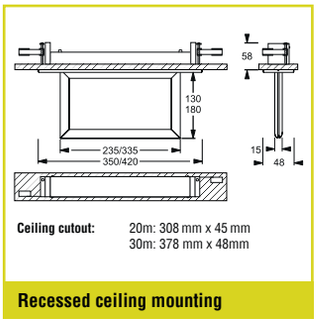
Surface wall mounting



Surface wall mounting in mounting box

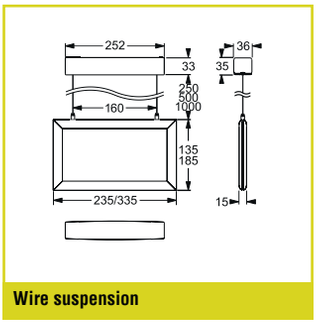


Surface ceiling mounting

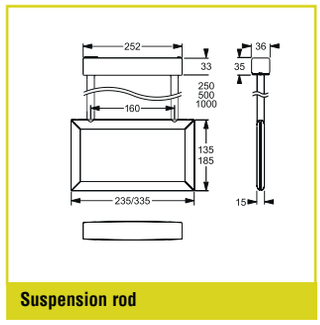


Ceiling cutout: 20m: 308 mm x 45 mm
30m: 378 mm x 48mm

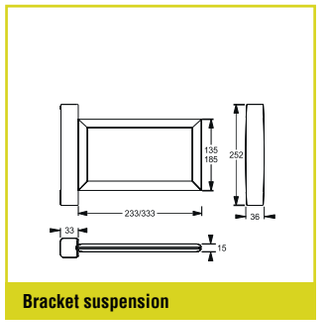
Recessed ceiling mounting



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 / recessed wall mounting (single faced indication)[1]								
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) [2]								
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 24 DECENTRAL SUPPLY

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

SICURO 230 CENTRAL SUPPLY

Sicuro230 Order code	VD	LED	S~	P=
Surface wall mounting / recessed wall mounting (single faced indication) [1]				
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) [2]kennzeichnung)[2]				
31033	20 m	32	7.4 VA / 3.5 W	
31032	30 m	48	9.4 VA / 4.7 W	

[1] 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

[2] For recessed ceiling mounting and suspension mounting, please order equipment separately

[3] Recessed ceiling mounting or mounting in fire ceilings with the fire resistance class F30 or F90 according to DIN 4102-4 equires 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

Inlcuded in standard delivery

Order code VD 20 m	Order code VD 30 m	Description
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 VD 20 m	Order code VD 30 m	Description
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 VD 20m	Order code VD 30 m	Description
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

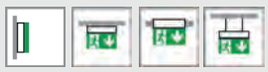


PLEXI LED

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)	**Service life $L_{80}B_{50}$:**	50.000 h
Display pane:	Light guide panel	**Color stability:**	3 SDCM
Film:	Methacrylate, printed		



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

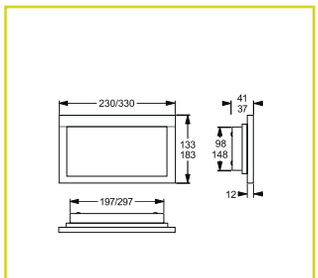
CENTRAL SUPPLY

Battery supply:
176 V–276 V

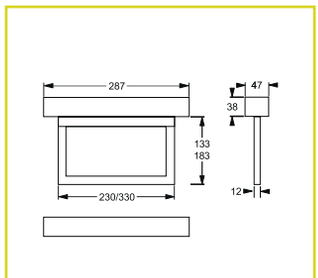
Mains supply:
198 V–254 V/50 Hz

Ambient temperature:
-20 °C to +40 °C

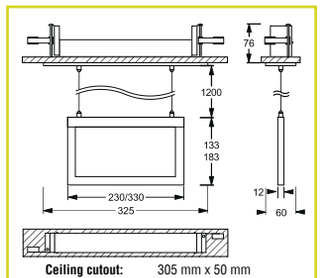
Protection class:
I



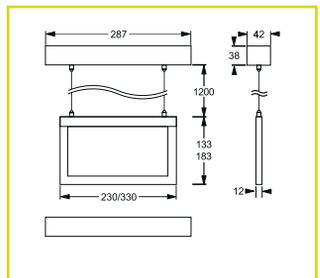
Surface wall mounting



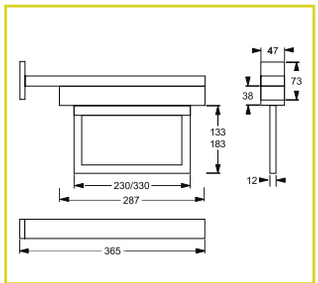
Surface ceiling mounting



Recessed ceiling mounting



Wire suspension



Bracket suspension

SELF-CONTAINED SUPPLY

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

Sicuro24 DECENTRAL SUPPLY

Sicuro24 Order code	VD	LED	P=
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)[1]			
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

Sicuro230 CENTRAL SUPPLY

Sicuro230 Order code	VD	LED	S~	P=
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)[1]				
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	

[1] For bracket suspension, please order equipment separately

Please order exit sign equipment separately

Order code VD 20 m	Order code VD 30 m	Description
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

Inlcuded in standard delivery

Order code VD 20 m	Description
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

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

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

VD 22 m · VD 30 m · IP40 · IK05 · V2A

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

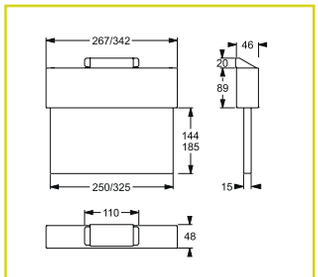
CENTRAL SUPPLY

Battery supply:
176 V–276 V

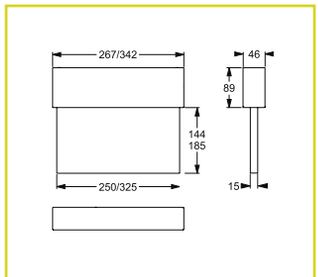
Mains supply:
198 V–254 V/50 Hz

Ambient temperature:
-20 °C to +40 °C

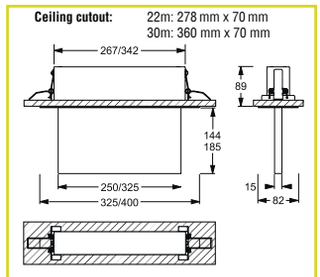
Protection class:
I



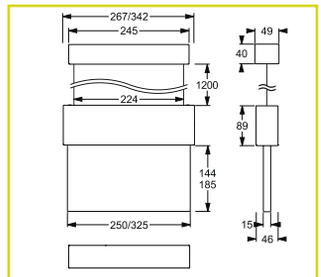
Surface wall mounting



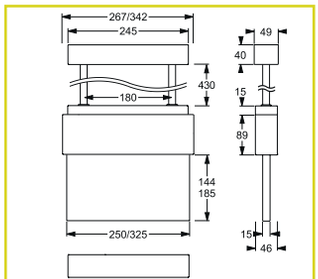
Surface ceiling mounting



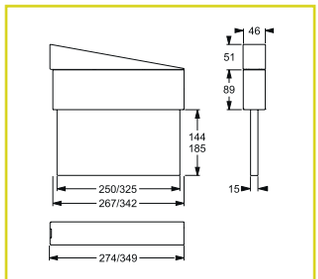
Recessed ceiling mounting



Wire suspension



Suspension rod



Bracket suspension

SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code	VD	LED	t		S~
Surface wall mounting (single faced indication), surface or recessed ceiling mounting, wire and rod suspension, bracket suspension (double faced indication)[1]							
37000	**37001**	**37002**	22 m	24	1 h / 3 h / 8 h	2 x LTO 7.2 V / 0.5 Ah	4.85 VA
37006	**37007**	**37008**	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)[1]							
37003	**37004**	**37005**	22 m	24	1 h / 3 h / 8 h	2 x LTO 7.2 V / 0.5 Ah	4.85 VA
37009	**37010**	**37011**	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	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)[1]								
36000	**36001**	**36002**	22 m	24	1 h / 3 h	NiMh 7.2 V / 0.6 Ah	NiMh 7.2 V / 1.2 Ah	7 VA
36006	**36007**	**36008**	30 m	48	1 h / 3 h	NiMh 7.2 V / 0.6 Ah	NiMh 7.2 V / 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)[1]								
36003	**36004**	**36005**	22 m	24	1 h / 3 h	NiMh 7.2 V / 0.6 Ah	NiMh 7.2 V / 1.2 Ah	7 VA
36009	**36010**	**36011**	30 m	48	1 h / 3 h	NiMh 7.2 V / 0.6 Ah	NiMh 7.2 V / 1.2 Ah	10 VA

Sicuro24 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)[1]			
32000	22 m	24	2.2 W
32002	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)[1]			
32001	22 m	24	2.2 W
32003	30 m	48	4.3 W

Sicuro230 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)[1]				
31000	22 m	24	5.8 VA / 2.5 W	
31002	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)[1]				
31001	22 m	24	5.8 VA / 2.5 W	
31003	30 m	48	9.4 VA / 4.7 W	

[1] For recessed ceiling mounting, wire and rod suspension, please order equipment separately

Please order exit sign equipment separately

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

Inlcuded in standard delivery

VD 22 m	VD 30 m	
F95951	**F95951**	Adapter for wall mounting, white
F95958	**F95958**	Adapter for wall mounting, V2A

Please order additional equipment separately

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

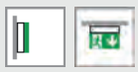


MULTI-D

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)	**Service life $L_{80}B_{50}$:**	50.000 h
Blende:	Sheet steel, grey (RAL 9006)	**Color stability:**	3 SDCM
Display pane:	Methacrylate		
Film:	Methacrylate, printed		

VD 22 m | VD 34 m | VD 44 m | IP21 | IK05

SELF-CONTAINED SUPPLY

Mains supply:
198 V–254 V/50 Hz

Ambient temperature:
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

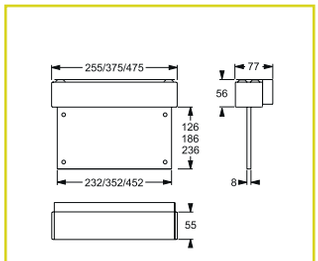
CENTRAL SUPPLY

Battery supply:
176 V–254 V

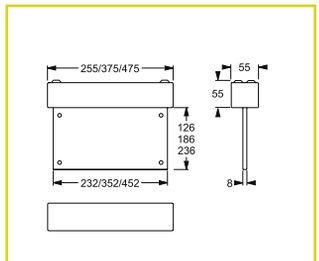
Ambient temperature:
-20 °C to +40 °C

Mains supply:
198 V–254 V/50 Hz

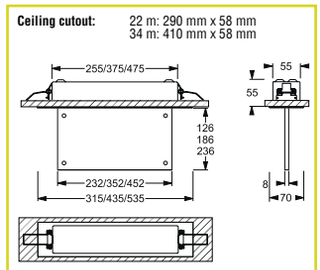
Protection class:
I



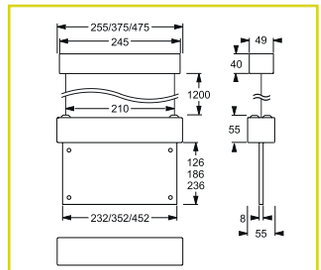
Surface wall mounting



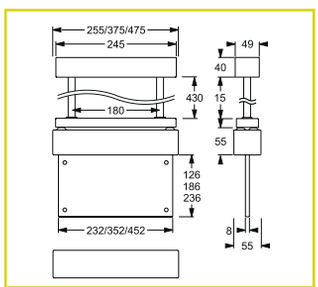
Surface ceiling mounting



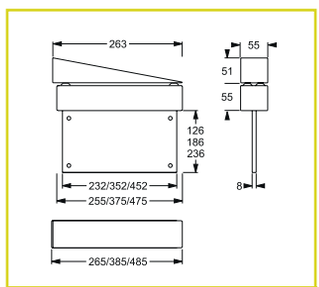
Recessed ceiling mounting



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)[1]								
36238	**36239**	**36240**	22 m	24	1 h / 3 h	NiMh 7.2 V / 0.6 Ah	NiMh 7.2 V / 1.2 Ah	7 VA
36241	**36242**	**36243**	34 m	32	1 h / 3 h	NiMh 7.2 V / 0.6 Ah	NiMh 7.2 V / 1.2 Ah	8 VA
36244	**36245**	**36246**	44 m	48	1 h / 3 h	NiMh 7.2 V / 0.6 Ah	NiMh 7.2 V / 1.2 Ah	10 VA

SICURO 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)[1]			
32098	22 m	24	2.2 W
32099	34 m	32	4.9 W
32100	44 m	48	4.3 W

SICURO 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)[1]				
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

Inlcuded 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	**Service life $L_{80}B_{50}$:**	50.000 h
Display pane:	Methacrylate, printed	**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

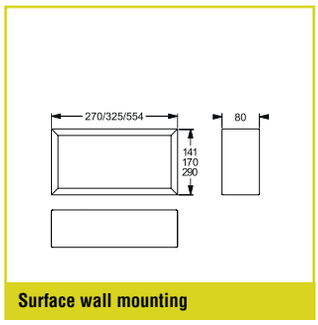
CENTRAL SUPPLY

Battery supply:
176 V–276 V

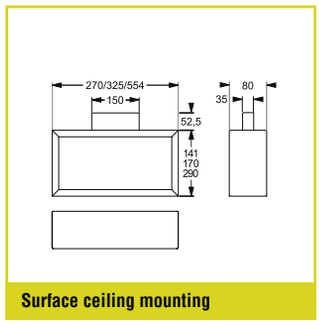
Mains supply:
198 V–254 V / 50 Hz

Ambient temperature:
-20 °C to +40 °C

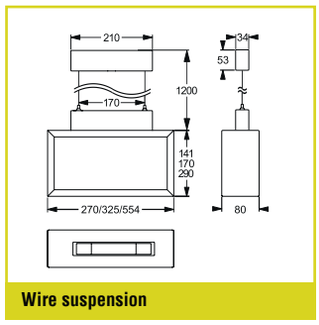
Protection class:
I



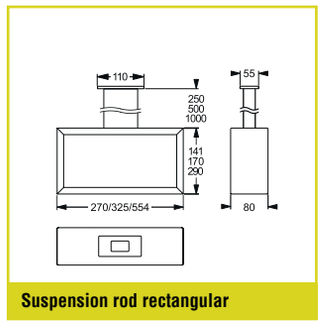
Surface wall mounting



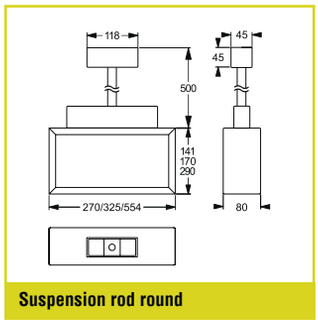
Surface ceiling mounting



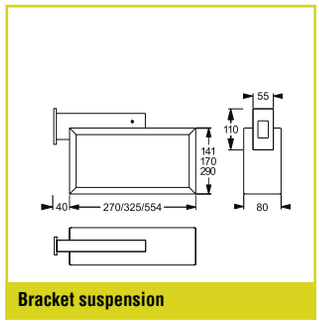
Wire suspension



Suspension rod rectangular



Suspension rod round



Bracket suspension

SELF-CONTAINED SUPPLY

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

SICURO DECENTRAL SUPPLY

Sicuro24 Order code	VD	LED	P=
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)[1]			
32014	24 m	24	2.2 W
32015	30 m	32	2.9 W
32016	53 m	48	4.3 W

SICURO CENTRAL SUPPLY

Sicuro230 Order code	VD	LED	S~ P=
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)[1]			
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

[1] 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[1]
F95718	**F95718**	**F95718**	Suspension rod, rectangular, 250 mm[1]
F95719	**F95719**	**F95719**	Suspension rod, rectangular, 500 mm[1]
F95720	**F95720**	**F95720**	Suspension rod, rectangular, 1.000 mm[1]
F95722	**F95722**	**F95722**	Suspension rod, round, 500 mm[1]
F95723	**F95723**	**F95723**	Wire suspension, max. 1.200 mm[1]
F95714	**F95721**	**F95729**	Bracket suspension[1]
F95722	**F95722**	**F95722**	Suspension rod, round, 500 mm[1]
	F95724		Wire guard

[1] 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)	**Service life $L_{80}B_{50}$:**	50.000 h
Display pane:	Methacrylate, clear	**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

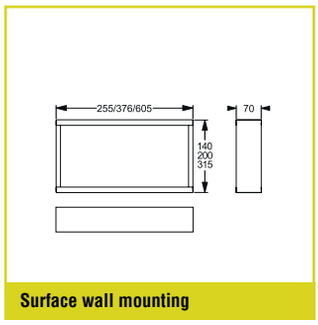
CENTRAL SUPPLY

Battery supply:
176 V–276 V

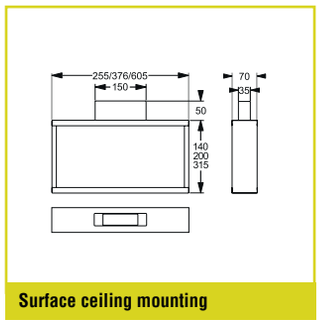
Mains supply:
198 V–254 V/50 Hz

Ambient temperature:
-20 °C to +40 °C

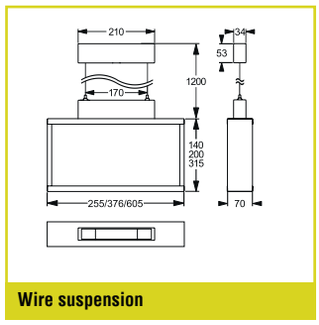
Protection class:
I



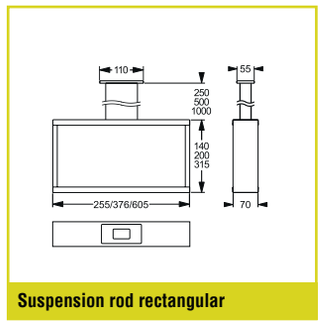
Surface wall mounting



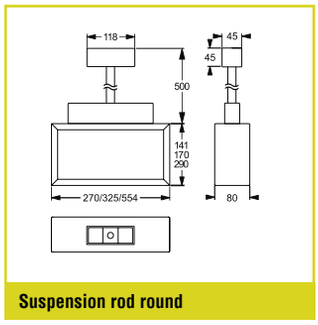
Surface ceiling mounting



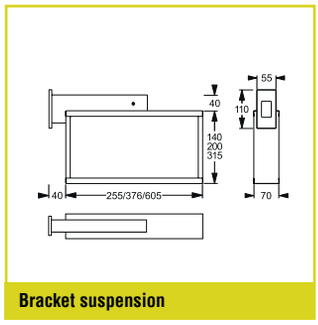
Wire suspension



Suspension rod rectangular



Suspension rod round



Bracket suspension

SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code	VD	LED	t		S~
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)[1]							
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	VD	LED	t	Autotest	Logica	S~
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)[1]								
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 DECENTRAL SUPPLY

Sicuro 24 Order code	VD	LED	P=
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)[1]			
32007	21 m	24	2.2 W
32008	34 m	48	4.3 W
32009	56 m	48	4.3 W

SICURO CENTRAL SUPPLY

Sicuro 230 Order code	VD	LED	S~	P=
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)[1]nung)[1]				
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	

[1] For surface ceiling mounting, wire and rod suspension, bracket suspension please order equipment separately

Please order exit sign equipment separately

Order code VD 21 m	VD 34 m	VD 56 m	Description
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 VD 21 m	VD 34 m	VD 56 m	Description
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

VD 32 m | IP65 | IK09 | V2A

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

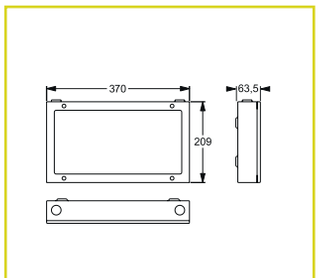
CENTRAL SUPPLY

Battery supply:
176 V–276 V

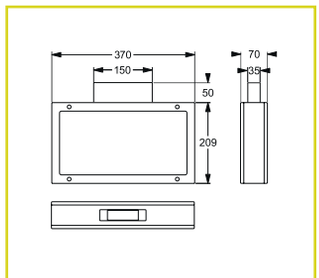
Mains supply:
198 V–254 V/50 Hz

Ambient temperature:
-20 °C to +40 °C

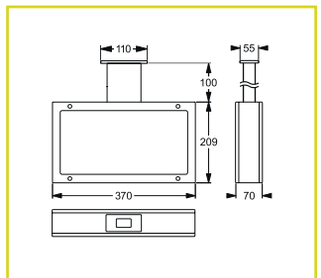
Protection class:
I



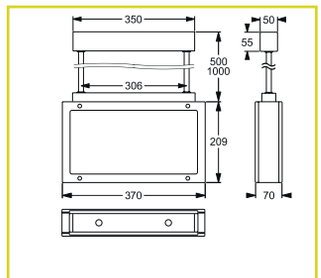
Surface wall mounting



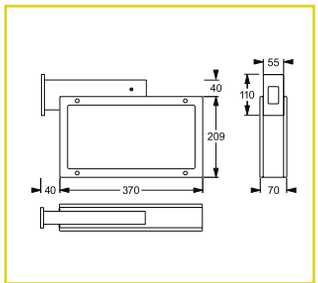
Surface ceiling mounting



Suspension rod rectangular



Suspension rod round



Bracket suspension

SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code	VD	LED	t		S~
Surface wall mounting (single faced indication)							
37060	**37061**	**37062**	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)[1]							
37063	**37064**	**37065**	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)[1]							
37066	**37067**	**37068**	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)[1]							
37069	**37070**	**37071**	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	VD	LED	t	Autotest	Logica	S~
Surface wall mounting (single faced indication)								
36060	**36061**	**36062**	32 m	48	1 h / 3 h	NiMH 7.2 V / 06 Ah	NiMH 7.2 V / 1.2 Ah	10 VA
Surface ceiling mounting, suspension, bracket suspension (double faced indication)[1]								
36066	**36067**	**36068**	32 m	48	1 h / 3 h	NiMH 7.2 V / 06 Ah	NiMH 7.2 V / 1.2 Ah	10 VA
Stainless steel V2A surface wall mounting (single faced indication)[1]								
36072	**36073**	**36074**	32 m	48	1 h / 3 h	NiMH 7.2 V / 06 Ah	NiMH 7.2 V / 1.2 Ah	10 VA
Surface ceiling mounting, suspension, bracket suspension (double faced indication)[1]								
36078	**36079**	**36080**	32 m	48	1 h / 3 h	NiMH 7.2 V / 06 Ah	NiMH 7.2 V / 1.2 Ah	10 VA

SICURO DECENTRAL SUPPLY

Sicuro24 Order code	VD	LED	P=
Surface wall mounting (single faced indication)			
32020	32 m	48	4.3 W
Surface ceiling mounting, suspension, bracket suspension (double faced indication)[1]			
32021	32 m	48	4.3 W
Stainless steel V2A surface wall mounting (single faced indication)[1]			
32022	32 m	48	4.3 W
Surface ceiling mounting, suspension, bracket suspension (double faced indication)[1]			
32023	32 m	48	4.3 W

SICURO CENTRAL SUPPLY

Sicuro230 Order code	VD	LED	S~ P=
Surface wall mounting (single faced indication)			
31020	32 m	48	9.4 VA / 4.7 W
Surface ceiling mounting, suspension, bracket suspension (double faced indication)[1]			
31021	32 m	48	9.4 VA / 4.7 W
Stainless steel V2A surface wall mounting (single faced indication)[1]			
31022	32 m	48	9.4 VA / 4.7 W
Surface ceiling mounting, suspension, bracket suspension (double faced indication)[1]			
31023	32 m	48	9.4 VA / 4.7 W

[1] For surface wall mountin and all suspended versions, please order equipment separately

Please order exit sign equipment separately

Order code	Description
E16700M	Kit of exit sign films
E16701M	Kit of exit sign films

Please order additional equipment separately

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

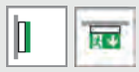


ACCIAIO

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

Housing:	Sheet steel, galvanized, grey (RAL 9003)	**Service life $L_{80}B_{50}$:**	50.000 h
Caps:	Polycarbonate / polybutyleneterephthalate, grey (RAL 7040)	**Color stability:**	3 SDCM
Display pane:	Methacrylate		
Film:	Methacrylate, printed		
Reflector:	Aluminium, specular		

VD 38 m · IP65 · IK09 · Ex · UV · Oil

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

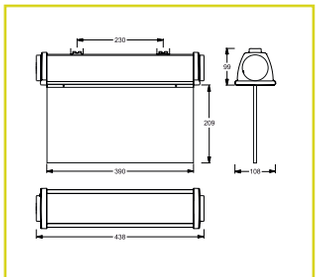
CENTRAL SUPPLY

Battery supply:
176V–276V

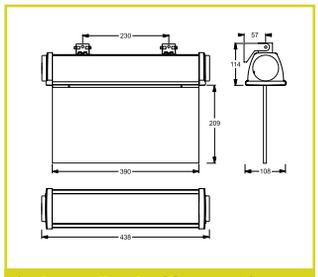
Mains supply:
198V–254V/50Hz

Ambient temperature:
-20 °C to +40 °C

Protection class:
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	VD	LED	t		S~
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	VD	LED	t	Autotest	Logica	S~
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

SICURO 24 DECENTRAL SUPPLY

Sicuro24 Order code	VD	LED	P=
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

SICURO 230 CENTRAL SUPPLY

Sicuro230 Order code	VD	LED	S~	P=
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	

Inlcuded in standard delivery

Order code	Description
20122	Swivel bracket

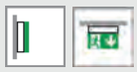


FORMULA65

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

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

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

VD 25 m | VD 30 m | IP65 | IK07

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:
24V +/- 20% DC

Mains supply:
24 V +/- 20% DC

Ambient temperature:
-20 °C to +40 °C

Protection class:
III

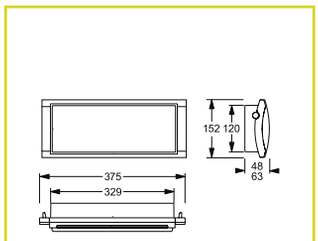
CENTRAL SUPPLY

Battery supply:
176 V–276 V

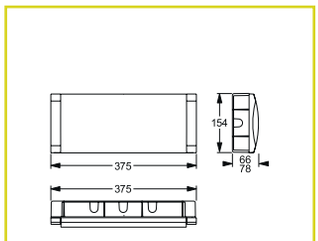
Mains supply:
198V–254V/50Hz

Ambient temperature:
-20 °C to +40 °C

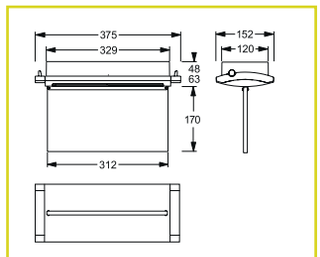
Protection class:
II



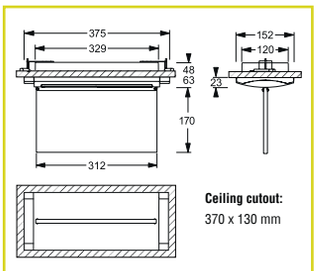
Surface wall mounting



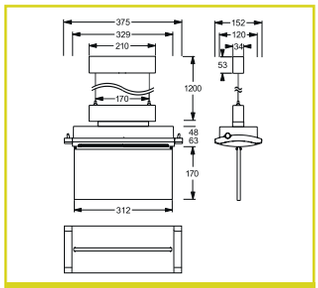
Recessed wall mounting



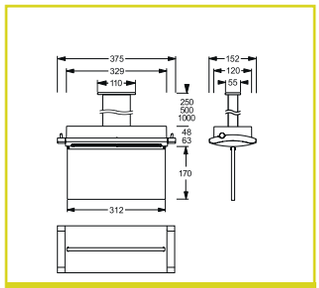
Surface ceiling mounting



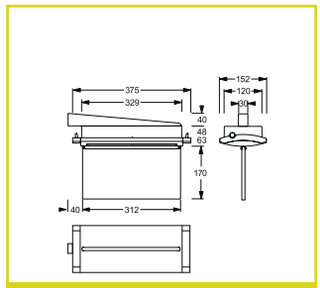
Recessed ceiling mounting



Wire suspension



Suspension rod



Bracket suspension

SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code	VD	LED	t		S~
Surface wall mounting (single faced indication / area lighting), surface or recessed ceiling mounting, suspension and bracket suspension (double faced indication / area lighting)[1]							
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	VD	LED	t	Autotest	Logica	S~
Surface wall mounting (single faced indication / area lighting), surface or recessed ceiling mounting, suspension and bracket suspension (double faced indication / area lighting)[1]								
R2436SA	**19239**	**19245**	25 m	22	1 h / 3 h	NiMh 3.6 V / 1.2 Ah	2 x NiMh 3.6 V / 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[1]								
19270	**19270**	**19276**	25 m	22	1 h / 3 h	NiMh 3.6 V / 1.7 Ah	NiMh 3.6 V / 1.7 Ah	8 VA

SICURO 24 DECENTRAL SUPPLY

Sicuro24 Order code	VD	LED	P=
Surface or recessed wall mounting (single faced indication), surface or recessed ceiling mounting, suspension and bracket suspension (double faced indication), Extreme Version[1]			
32094	25 m	32	3.8 W

SICURO 230 CENTRAL SUPPLY

Sicuro230 Order code	VD	LED	S~	P=
Surface or recessed wall mounting (single faced indication), surface or recessed ceiling mounting, suspension and bracket suspension (double faced indication), Extreme Version[1]				
31124	25 m	32	8.3 VA / 4.1 W	

[1] For recessed wall / ceiling mounting, suspension or bracket suspension mounting please order equipment separately

Inlcuded in standard delivery

Order code	Description
19044	RettungszeichenFilmnset

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)	**Service life $L_{80}B_{50}$:**	50.000 h
Cover:	Methacrylate, opal	**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

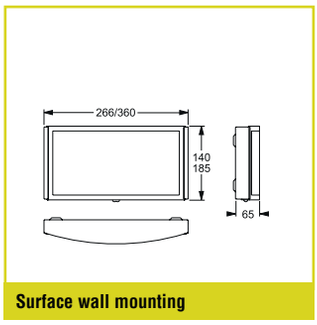
CENTRAL SUPPLY

Battery supply:
176 V–276 V

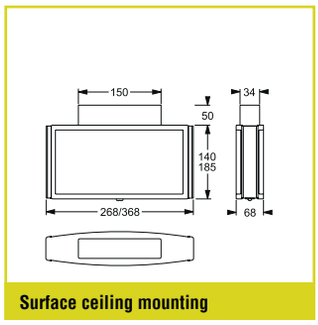
Mains supply:
198 V–254 V/50 Hz

Ambient temperature:
-20 °C to +40 °C

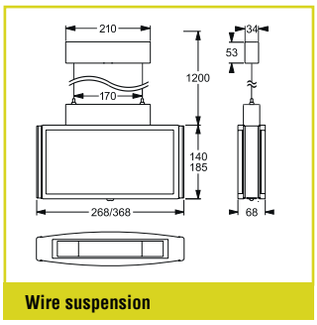
Protection class:
I



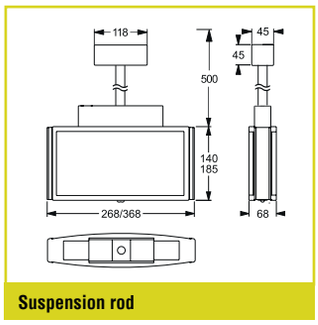
Surface wall mounting



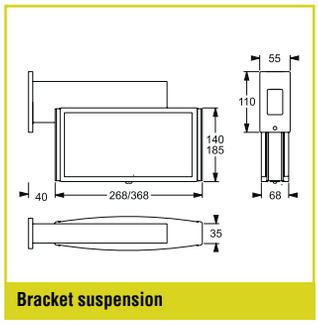
Surface ceiling mounting



Wire suspension



Suspension rod



Bracket suspension

SICURO 24 LED =® DECENTRAL SUPPLY

Sicuro24 Order code	VD	LED	P=
Surface wall mounting (single faced indication)			
32025	23 m	24	2.2 W
32027	32 m	48	4.3 W
Surface ceiling mounting, suspension, bracket suspension (double faced indication)[1]			
32026	23 m	24	2.2 W
32029	32 m	48	4.3 W

SICURO 230 =® CENTRAL SUPPLY

Sicuro230 Order code	VD	LED	S~	P=
Surface wall mounting (single faced indication)				
31025	23 m	24	5.8 VA / 2.5 W	
31027	32 m	48	9.4 VA / 4.7 W	
Surface ceiling mounting, suspension, bracket suspension (double faced indication)[1]				
31026	23 m	24	5.8 VA / 2.5 W	
31029	32 m	48	9.4 VA / 4.7 W	

[1] For surface ceiling mounting, suspension and bracket suspension please order equipment separately

Inlcuded in standard delivery

Order code		Description
VD 23 m	**VD 32 m**	
F15337MU	**F15338MU**	Exit sign film
F15337MR	**F15338MR**	Exit sign film
F15337ML	**F15338ML**	Exit sign film
F15337MO	**F15338MO**	Exit sign film

Please order additional equipment separately

Order code	Description
F95109PK	Adapter for ceiling mounting
F95109PR	Suspension rod, rectangular, 500 mm
F95109PS	Wire suspension, max. 1.200 mm
F95109P	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 bracketsand 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 $L_{80}B_{50}$: 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:
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

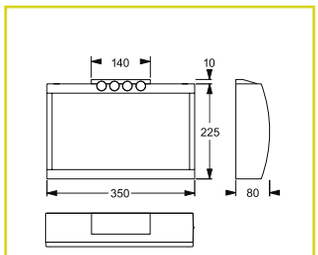
CENTRAL SUPPLY

Battery supply:
176 V–276 V

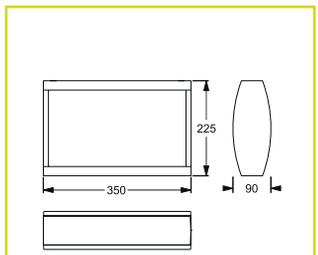
Mains supply:
198 V–254 V/50 Hz

Ambient temperature:
-20 °C to +40 °C

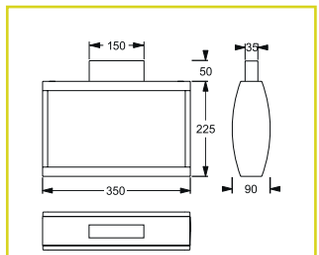
Protection class:
II



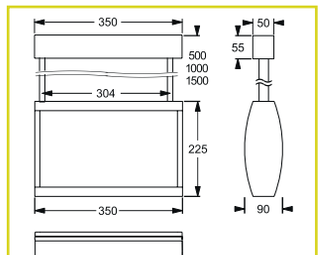
Surface wall mounting



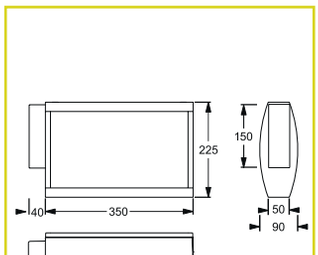
Surface ceiling mounting



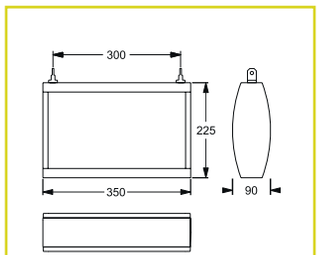
Surface ceiling mounting Adapter



Suspension rod



Bracket suspension



Chain or wire suspension

SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code	VD	LED	t		S~
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)[1]							
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	VD	LED	t	Autotest	Logica	S~
Surface wall mounting (single faced indication)								
36054	**36055**	**36056**	32 m	2	1 h / 3 h	NiMh 7.2 V / 0.6 Ah	NiMh 7.2 V / 1.2 Ah	8 VA
Surface ceiling mounting, suspension, bracket suspension, chain or wire (double faced indication)[1]								
36057	**36058**	**36059**	32 m	2	1 h / 3 h	NiMh 7.2 V / 0.6 Ah	NiMh 7.2 V / 1.2 Ah	8 VA

SICURO 24 DECENTRAL SUPPLY

Sicuro24 Order code	VD	LED	P=
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)[1]			
32019	32 m	2	2.9 W

SICURO 230 CENTRAL SUPPLY

Sicuro230 Order code	VD	LED	S~	P=
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)[1]				
31019	32 m	2	7.4 VA / 3.5 W	

[1] For suspension and chain or wire suspension, please order equipment separately

Inlcuded in standard delivery

Order code	Description
29001	Kit of exit sign film

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

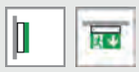


AESTETICA

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



SELF-CONTAINED SUPPLY

Mains supply:
198 V–254 V/50 Hz

Ambient temperature:
Classic: 0 °C to +40 °C

Specification:
Maintained or non-maintained mode

Protection class:
II

DECENTRAL SUPPLY

Battery supply:
24 V +/- 20% DC

Ambient temperature:
-20 °C to +40 °C

Mains supply:
24 V +/- 20% DC

Protection class:
III

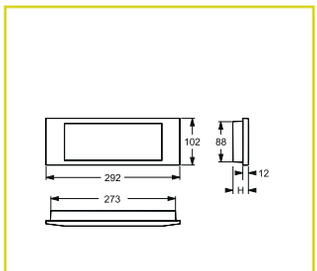
CENTRAL SUPPLY

Battery supply:
176 V–276 V

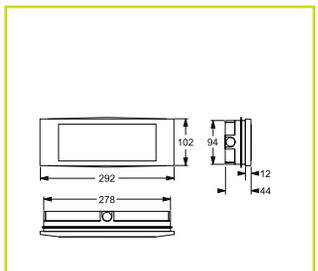
Ambient temperature:
-20 °C to +40 °C

Mains supply:
198 V–254 V/50 Hz

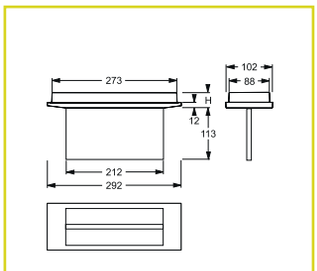
Protection class:
II



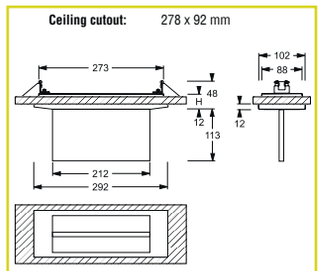
Surface wall mounting



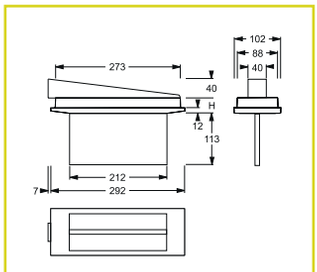
Recessed wall mounting



Surface ceiling mounting



Recessed ceiling mounting



Bracket suspension

CLASSIC SELF-CONTAINED SUPPLY

Autotest Order code	VD	LED	t	Classic	S~
Surface or recessed wall mounting (single faced indication), surface or recessed ceiling mounting (double faced indication), suspension and bracket suspension (double faced indication)[1]					
16225	15 / 20 m	16	3 h	NiMh 3.6 V / 1.2 Ah	11 VA
16226	15 / 20 m	32	3 h	2 x NiMh 3.6 V / 1.2 Ah	11 VA

Sicuro24 DECENTRAL SUPPLY

Sicuro24 Order code	VD	LED	P=
Surface or recessed wall mounting (single faced indication), surface or recessed ceiling mounting (double faced indication), suspension and bracket suspension (double faced indication)[1]			
32069	15 / 20 m	20	1.7 W

Sicuro230 CENTRAL SUPPLY

Sicuro230 Order code	VD	LED	S~	P=
Surface or recessed wall mounting (single faced indication), surface or recessed ceiling mounting (double faced indication), suspension and bracket suspension (double faced indication)[1]				
31098	15 / 20 m	20	4.8 VA / 1.8 W	

[1] 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 aditional 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 mountingand chain/cable mounting

MOUNTING OPTIONS



MOUNTING OPTIONS WITH EQUIPMENT



TECHNICAL DATA

Housing:	Sheet steel, white (RAL 9003)	**Service life $L_{80}B_{50}$:**	50.000 h
Cover:	Methacrylate, opal	**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

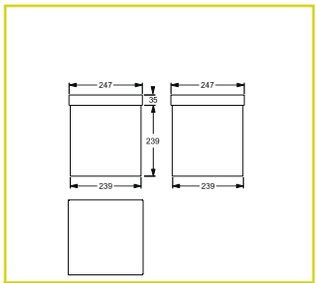
CENTRAL SUPPLY

Battery supply:
176 V–276 V

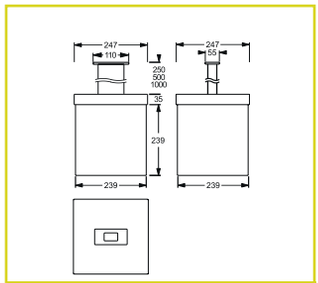
Mains supply:
198 V–254 V/50 Hz

Ambient temperature:
-20 °C to +40 °C

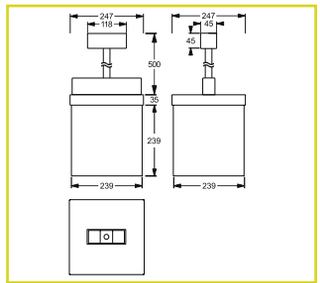
Protection class:
I



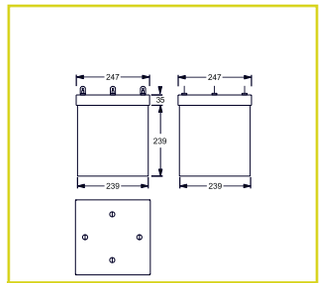
Surface ceiling mounting



Suspension rod rectangular



Suspension rod round



Chain or wire suspension

SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code	VD	LED	t		S~
Surface ceiling mounting, suspension, chain or wire suspension (3-sided escape route lighting)[1]							
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	VD	LED	t	Autotest	Logica	S~
Surface ceiling mounting, suspension, chain or wire suspension (3-sided escape route lighting)[1]								
36084	**36085**	**36086**	22 m / 44 m	2	1 h / 3 h	NiMh 7.2 V / 0.6 Ah	NiMh 7.2 V / 1.2 Ah	10 VA

SICURO DECENTRAL SUPPLY

Sicuro24 Order code	VD	LED	P=
Surface ceiling mounting, suspension, chain or wire suspension (3-sided escape route lighting)[1]			
32024	22 m / 44 m	2	4.3 W

SICURO CENTRAL SUPPLY

Sicuro230 Order code	VD	LED	S~	P=
Surface ceiling mounting, suspension, chain or wire suspension (3-sided escape route lighting)[1]				
31024	22 m / 44 m	2	9.4 VA / 4.7 W	

[1] For surface mounting and all suspended versions, please order required equipment separately

Please order exit sign equipment separately

Order code VD 22 m	Order code VD 44 m	Description
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 Polycarbonatee 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)[1]
Lens:	Methacrylate, clear

[1] Cover in other colors on request

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:
I

DECENTRAL SUPPLY

Battery supply:
24V +/- 20% DC

Mains supply:
24 V +/- 20% DC

Ambient temperature:
-20 °C to +40 °C

Protection class:
III

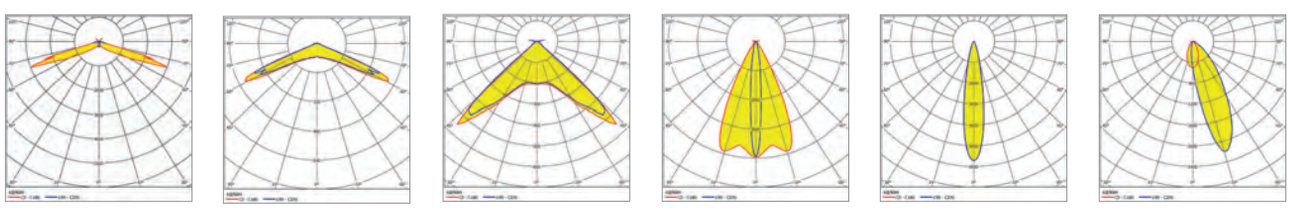
CENTRAL SUPPLY

Battery supply:
176 V–276 V

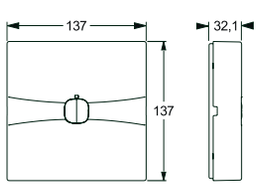
Mains supply:
198 V–254 V/50 Hz

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** | **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

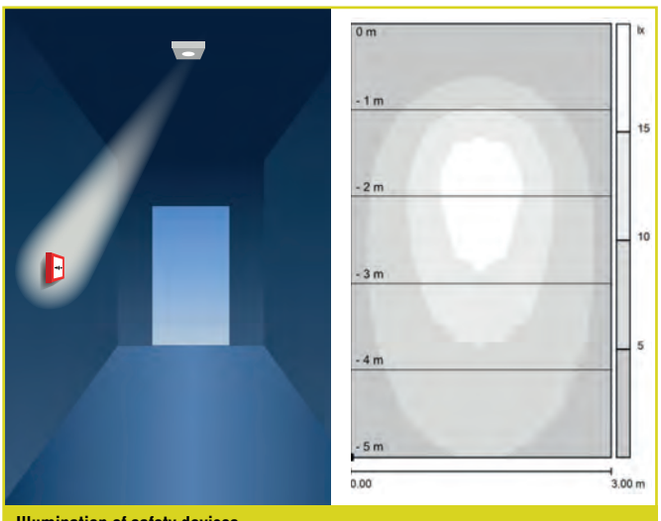
Autotest Order code	Logica Order code	Logica FM Order code	LED	Φ 1 h	Φ 3 h	Autotest	Logica	S~
Surface ceiling mounting suitable for escape route lighting								
16733	**16735**	**16737**	1	261 lm	176 lm	NimH 7.2V / 1.2 Ah	NimH 7.2V / 1.2 Ah	8 VA
Surface ceiling mounting suitable for area lighting with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

SICURO 24 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

SICURO 230 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 **escape route lighting** at mounting heights > 7.5 m
F95808	Narrow beam lens for surface / recessed ceiling mounted luminaires (area lighting) for **area lighting** at mounting heights > 7.5 m
F95815	Asymmetrical lens for surface / recessed ceiling mounted luminaires (area lighting) for **illumination of the safety devices** 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)	**Service life $L_{80}B_{20}$:**	50.000 h
Cover:	Polycarbonate, white (RAL 9010)[1] [2]	**Color stability:**	3 SDCM
Lens:	Methacrylate, clear		

[1] Cover in other colors on request
[2] 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

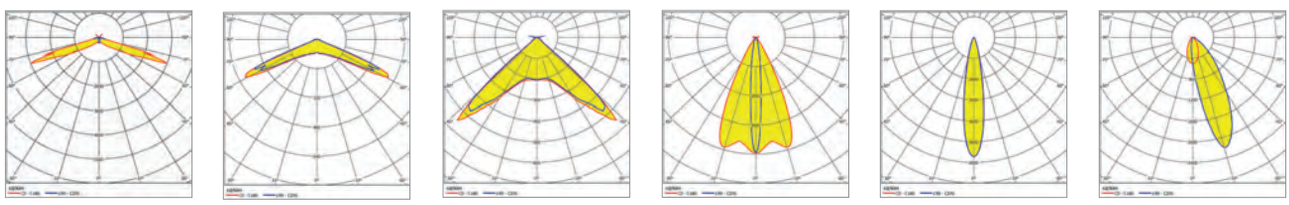
CENTRAL SUPPLY

Battery supply:
176 V–276 V

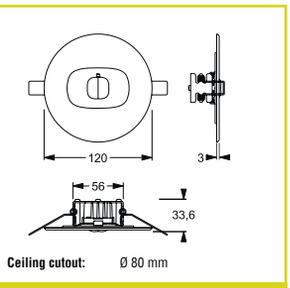
Mains supply:
198 V–254 V/50 Hz

Ambient temperature:
-20 °C to +40 °C

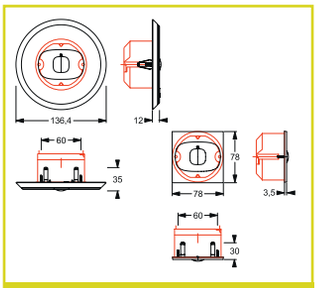
Protection class:
I



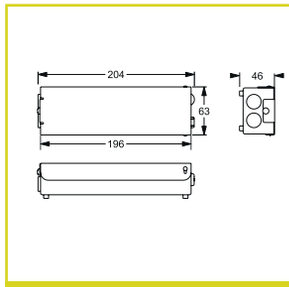
Asymmetric wide beam | **Symmetric wide beam to 3,5 m** | **Symmetric wide beam to 7 m** | **Asymmetric deep beam** | **Symmetric deep beam** | **One sided asymmetric**



Recessed ceiling mounting



Recessed ceiling mounting in box



Module housing self-contained+S24/S230

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

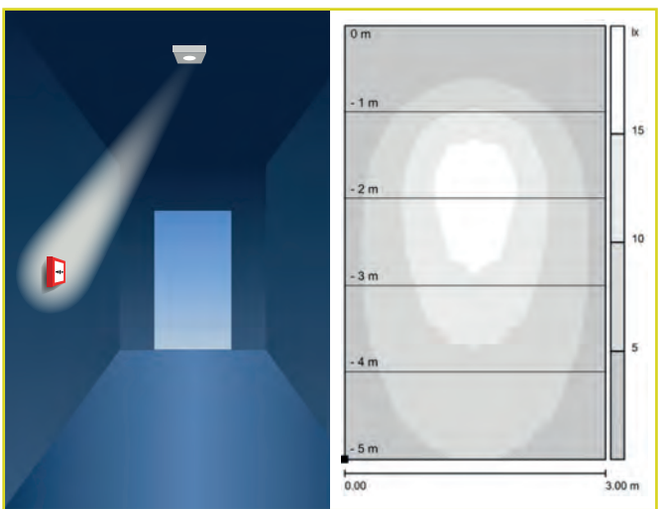
SICURO DECENTRAL SUPPLY

Sicuro24 Order code	LED	Φ	P=
Recessed ceiling mounting for escape route lighting			
32039	1	261 lm	3.8 W
32041[1]	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[1]	1	255 / 285 lm	3.8 W

SICURO 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	

[1] 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



Illumination of safety devices

Please order additional equipment separately

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



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 $L_{80}B_{20}$: 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:
24V +/- 20% DC

Mains supply:
24 V +/- 20% DC

Ambient temperature:
-20 °C to +40 °C

Protection class:
III

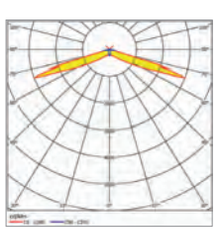
CENTRAL SUPPLY

Battery supply:
176V–276V

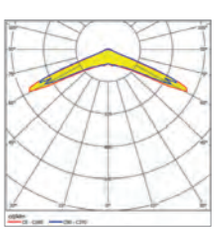
Mains supply:
198V–254V/50Hz

Ambient temperature:
-20 °C to +40 °C

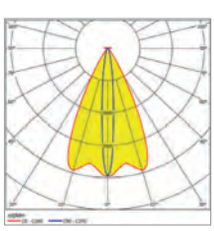
Protection class:
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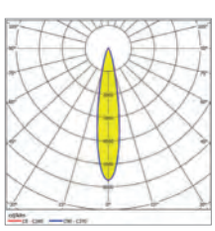
Asymmetric wide beam



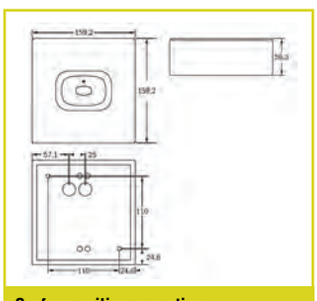
Symmetric wide beam



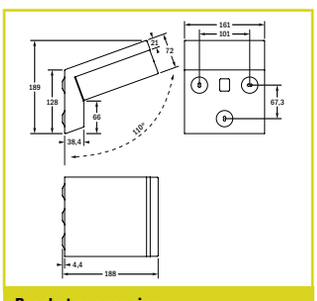
Asymmetric deep beam



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		S~
Wall mounted[1] / 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[1] / 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[1] / 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[1] / 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	S~
Wall mounted[1] / 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[1] / 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[1] / 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[1] / 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

SICURO 24 DECENTRAL SUPPLY

Sicuro24 Order code	LED	Φ	P=
Wall mounted[1] / 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[1] / 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

SICURO 230 CENTRAL SUPPLY

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

[1] 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

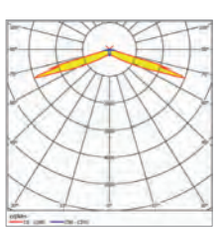
CENTRAL SUPPLY

Battery supply:
176 V–276 V

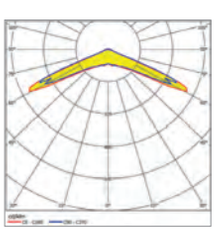
Mains supply:
198 V–254 V/50 Hz

Ambient temperature:
-20 °C to +40 °C

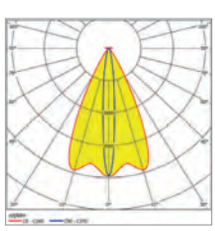
Protection class:
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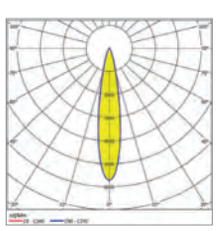
Asymmetric wide beam



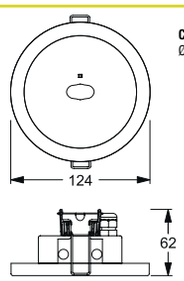
Symmetric wide beam to 3.5 m



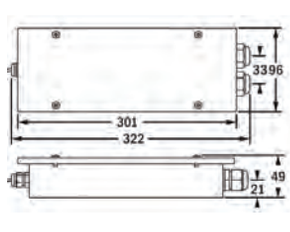
Asymmetric deep beam



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

SICURO 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

SICURO 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	8.3 VA / 4.1 W	
Recessed ceiling mounting suitable for escape route lighting, stainless steel V2A				
31052	1	238 lm	8.3 VA / 4.1 W	
Recessed ceiling mounting suitable for area lighting, stainless steel, V2A white				
31049	1	240 lm	8.3 VA / 4.1 W	
Recessed ceiling mounting suitable for area lighting, stainless steel V2A				
31051	1	240 lm	8.3 VA / 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)

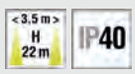
Versions for surface ceiling mounting

MOUNTING OPTIONS



TECHNICAL DATA

Housing:	Aluminium, anodized	**Service life $L_{80}B_{20}$:**	50.000 h
Display pane:	Methacrylate, clear	**Color stability:**	3 SDCM
Reflector:	Aluminium, specular		



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

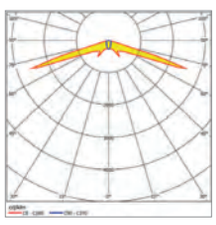
CENTRAL SUPPLY

Battery supply:
176 V–276 V

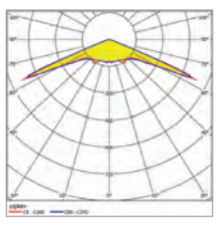
Mains supply:
198V–254V / 50Hz

Ambient temperature:
-20 °C to +40 °C

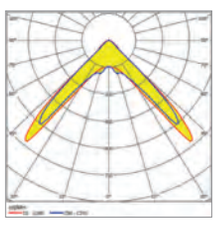
Protection class:
I



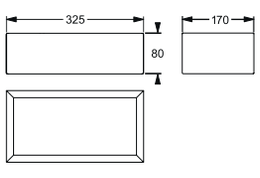
Asymmetric wide beam



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

Sicuro24 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

Sicuro230 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	8.3 VA / 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)	**Service life $L_{80}B_{20}$:**	50.000 h
Display pane:	Methacrylate, clear	**Color stability:**	3 SDCM
Reflector:	Aluminium, specular		



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

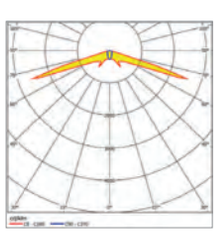
CENTRAL SUPPLY

Battery supply:
176 V–276 V

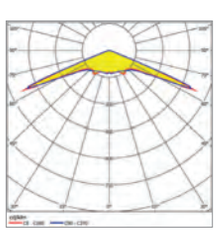
Mains supply:
198 V–254 V / 50 Hz

Ambient temperature:
-20 °C to +40 °C

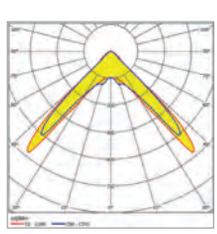
Protection class:
I



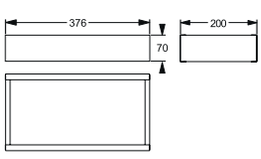
Asymmetric wide beam



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 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								
36030	**36031**	**36032**	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

SICURO 24 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 Area 234 / 238 lm	3.8 W

SICURO 230 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 Area 234 / 238 lm		8.3 VA / 4.1 W

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 suitatble 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 $L_{80}B_{20}$:	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:
I

DECENTRAL SUPPLY

Battery supply:
24V +/- 20% DC

Mains supply:
24V +/- 20% DC

Ambient temperature:
-20 °C to +40 °C

Protection class:
III

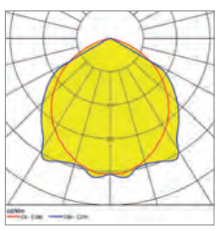
CENTRAL SUPPLY

Battery supply:
176 V–276 V

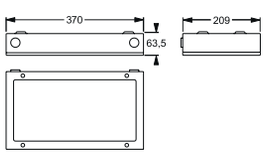
Mains supply:
198V–254V / 50Hz

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								
37060	**37061**	**37062**	48	336 lm	168 lm	46 lm	2 x LTO 7.2 V / 0.5 Ah	4.85 VA
Version in V2A								
37066	**37067**	**37068**	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								
36060	**36061**	**36062**	48	336 lm	227 lm	NiMH 7.2V / 0.6 Ah	NiMH 7.2V / 1.2 Ah	10 VA
Version in V2A								
36072	**36073**	**36074**	48	336 lm	227 lm	NiMH 7.2V / 0.6 Ah	NiMH 7.2V / 1.2 Ah	10 VA

SICURO DECENTRAL SUPPLY

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

SICURO CENTRAL SUPPLY

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

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



SELF-CONTAINED SUPPLY

Mains supply:
198 V–254 V / 50 Hz

Specification:
Maintained or non-maintained mode

Ambient temperature:
LTO: -40 °C to +40 °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

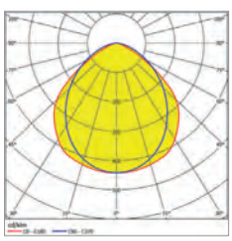
CENTRAL SUPPLY

Battery supply:
176 V–276 V

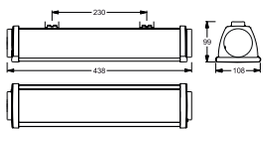
Mains supply:
198 V–254 V / 50 Hz

Ambient temperature:
-20 °C to +40 °C

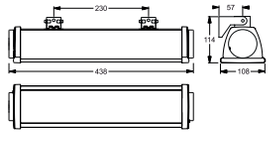
Protection class:
I



Polar diagram



Surface wall and ceiling mounting



Surface wall and ceiling mounting (swiveling)

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[1]	**15032**[1]	**15033**[1]	32	800 lm	270 lm	NiMH 7.2V / 1.7 Ah	NiMH 7.2V / 1.7 Ah	1.7 VA

SICURO DECENTRAL SUPPLY

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

SICURO 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[2]	

[1] Only for non maintained mode
[2] Programmable via decentral supply

Inlcuded 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)	**Service life $L_{80}B_{20}$:**	50.000 h
Caps:	Aluminium, grey (RAL 7035)	**Color stability:**	3 SDCM
Lens:	Methacrylate		

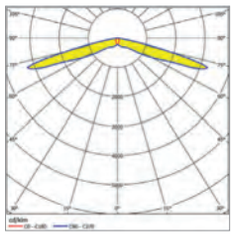


DECENTRAL SUPPLY

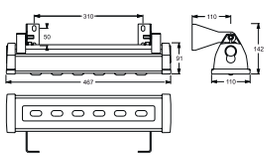
Battery supply: 24 V +/- 20% DC	**Ambient temperature:** -20 °C to +40 °C
Mains supply: 24 V +/- 20% DC	**Protection class:** I / III

CENTRAL SUPPLY

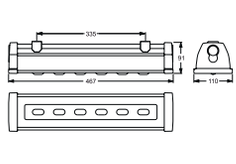
Battery supply: 176 V–276 V	**Ambient temperature:** -20 °C to +40 °C
Mains supply: 198V–254V/50Hz	**Protection class:** I



Polar diagram



Surface wall mounting



Surface ceiling mounting

SICURO 24 DECENTRAL SUPPLY

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

[1] Programmable via decentral supply

SICURO 230 CENTRAL SUPPLY

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

Inlcuded in standard delivery	
Order code	**Description**
15015	Wall bracket, swiveling (+/- 90°)[1]

[1] 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

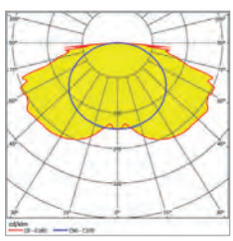
Mains supply:
198 V–254 V/50 Hz
Specification:
Maintained or
non-maintained mode
Ambient temperature:
LTO: -20 °C to +50 °C
Classic: 0 °C to +40 °C
Protection class:
II

DECENTRAL SUPPLY

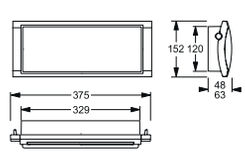
Battery supply:
24 V +/- 20% DC
Mains supply:
24 V +/- 20% DC
Ambient temperature:
-20 °C to +40 °C
Protection class:
III

CENTRAL SUPPLY

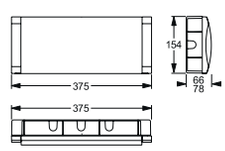
Battery supply:
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Mains supply:
198V–254V/50Hz
Ambient temperature:
-20 °C to +40 °C
Protection class:
II



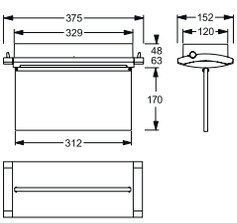
Polar diagram



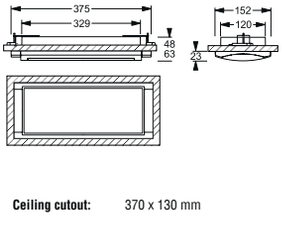
Surface wall mounting



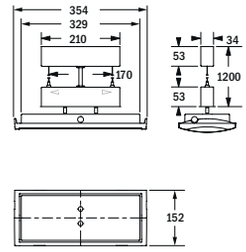
Recessed wall mounting



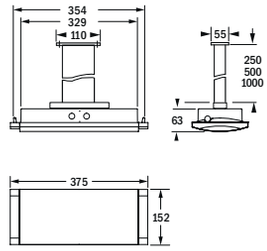
Surface ceiling mounting



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		S~
Surface or recessed wall or ceiling mounting, suspension for escape route lighting[1]								
19296	**19296+15036[2]**	**19296+15037[2]**	22	800 lm			2 x LTO 4.8 V / 1.2 Ah	13 VA
19296-3 h	**19296-3 h+15036[2]**	**19296-3 h+15037[2]**	22		280 lm		2 x LTO 4.8 V / 1.2 Ah	13 VA
19296-8 h	**19296-8 h+15036[2]**	**19296-8 h+15037[2]**	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	Logica	S~
Surface or recessed wall or ceiling mounting, suspension for escape route lighting[1]								
19270 + RA03	**19270 + RA03[3]**	**19276 + RA03[3]**	22	800 lm	270 lm	NiMH 3.2V / 1.7 Ah	NiMH 3.2V / 1.7 Ah	8 VA

SICURO 24 DECENTRAL SUPPLY

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

SICURO 230 CENTRAL SUPPLY

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

[1] For recessed wall / ceiling mounting or suspension or bracket mounting please order required equipment separately

[2] Logica module (15036) and Logica FM module (15037) please order separately

[3] 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

Housing:	Polycarbonate, grey (RAL 7035)	**Service life $L_{80}B_{20}$:**	50.000 h
Cover:	Polycarbonate, clear	**Color stability:**	3 SDCM
Reflector:	Polycarbonate, specular		
Type of protection:	IP65 (surface and recessed wall mounting), IP40 (surface and recessed ceiling mounting)		



SELF-CONTAINED SUPPLY

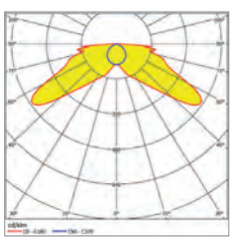
Mains supply: 198 V–254 V / 50 Hz	**Ambient temperature:** 0 °C to +40 °C
Specification: Maintained or non-maintained mode	**Protection class:** II

DECENTRAL SUPPLY

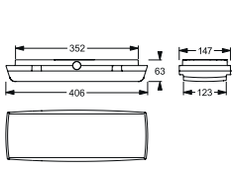
Battery supply: 24 V +/- 20% DC	**Ambient temperature:** -20 °C to +40 °C
Mains supply: 24 V +/- 20% DC	**Protection class:** II / III

CENTRAL SUPPLY

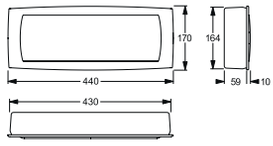
Battery supply: 176 V–276 V	**Ambient temperature:** -20 °C to +40 °C
Mains supply: 198 V–254 V / 50 Hz	**Protection class:** II



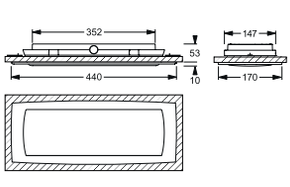
Polar diagram



Surface wall or ceiling mounting



Recessed wall mounting



Ceiling cutout: 430 mm x 165 mm

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[1]								
12187S	**12187S**	**12187FMS**	30	1.500 lm	700 lm	NiMH 7.2V / 4 Ah	NiMH 7.2V / 4 Ah	15 VA

SICURO 24 DECENTRAL SUPPLY

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

SICURO 230 CENTRAL SUPPLY

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

[1] 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)	**Service life $L_{80}B_{20}$:**	50.000 h
Cover:	Polycarbonate, clear	**Color stability:**	3 SDCM
Reflector:	Polycarbonate, white		



SELF-CONTAINED SUPPLY

Mains supply:
198 V–254 V/50 Hz

Ambient temperature:
0 °C to +40 °C

Specification:
Maintained or non-maintained mode

Protection class:
II

DECENTRAL SUPPLY

Battery supply:
24V +/- 20% DC

Ambient temperature:
-20 °C to +40 °C

Mains supply:
24 V +/- 20% DC

Protection class:
III

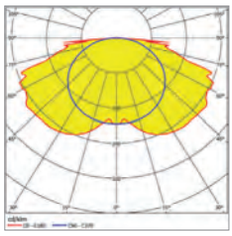
CENTRAL SUPPLY

Battery supply:
176 V–276 V

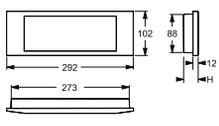
Ambient temperature:
-20 °C to +40 °C

Mains supply:
198 V–254 V/50 Hz

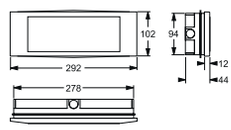
Protection class:
II



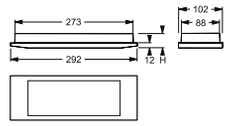
Polar diagram



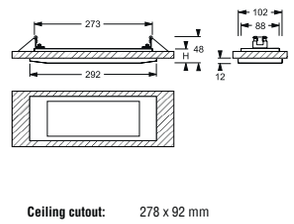
Surface wall mounting



Recessed wall mounting



Surface ceiling mounting



Ceiling cutout: 278 x 92 mm

Recessed ceiling mounting

CLASSIC SELF-CONTAINED SUPPLY

Classic Order code	LED	Φ 3 h	Autotest	S~
Surface and recessed wall/ceilig mounting, suspension for escape route lighting[1]				
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

SICURO 24 DECENTRAL SUPPLY

Sicuro24 Order code	LED	Φ	P=
Surface and recessed wall/ceilig mounting, suspension for escape route lighting[1]			
32069	20	120 lm	1.7 W

SICURO 230 CENTRAL SUPPLY

Sicuro230 Order code	LED	Φ	S~	P=
Surface and recessed wall/ceilig mounting, suspension for escape route lighting[1]				
31098	20	120 lm	4.8 VA / 1.8 W	

[1] 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 $L_{80}B_{20}$: 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:
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

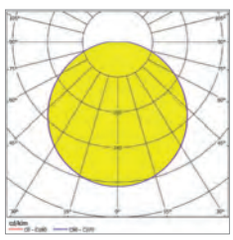
CENTRAL SUPPLY

Battery supply:
176 V–276 V

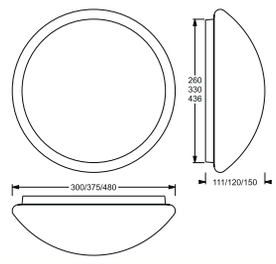
Mains supply:
198 V–254 V / 50 Hz

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_c	R_a
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 300mm)	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 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 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[1])	315 lm	20 VA / 4.7 W	
31071 (Ø 375 mm)	8 (80[1])	315 lm	26 VA / 4.7 W	
31079 (Ø 480 mm)	8 (80[1])	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[1])	315 lm	20 VA / 4.7 W	
31067 (Ø 375 mm)	8 (80[1])	315 lm	26 VA / 4.7 W	
31075 (Ø 480 mm)	8 (80[1])	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[1])	315 lm	20 VA / 5.4 W	
31073 (Ø 375 mm)	8 (80[1])	315 lm	26 VA / 5.4 W	
31081 (Ø 480 mm)	8 (80[1])	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[1])	315 lm	20 VA / 5.4 W	
31069 (Ø 375 mm)	8 (80[1])	315 lm	26 VA / 5.4 W	
31077 (Ø 480 mm)	8 (80[1])	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	

[1] 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 $L_{80}B_{20}$: 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:
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

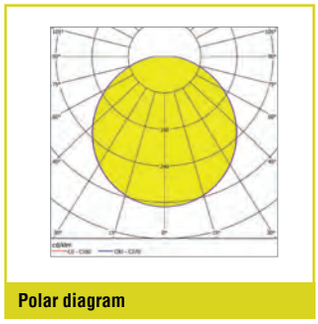
CENTRAL SUPPLY

Battery supply:
176 V–276 V

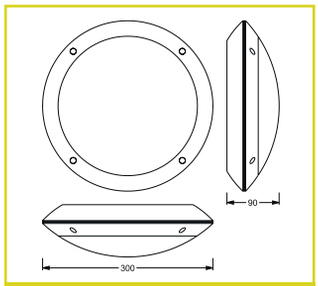
Mains supply:
198 V–254 V/50 Hz

Ambient temperature:
-20 °C to +40 °C

Protection class:
I



Polar diagram



Surface wall or ceiling mounting

Datra as mains luminaire Order code	P	LED	Φ	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

SICURO 24 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

SICURO 230 CENTRAL SUPPLY

Sicuro230 Order code	LED	Φ	S~	P=
Version with **4 K with single monitoring**, black housing, **without reduced power**				
31082	68	1.500 lm	20 VA / 18,5 W	
Version with **3 K with single monitoring**, black housing, **without reduced power**				
31086	68	1.500 lm	20 VA / 18,5 W	
Version with **4 K with single monitoring**, grey housing, **without reduced power**				
31090	68	1.500 lm	20 VA / 18,5 W	
Version with **3 K with single monitoring**, grey housing, **without reduced power**				
31094	68	1.500 lm	20 VA / 18,5 W	
Version with **4 K with single monitoring**, black housing, **with reduced power**				
31083	8 (60[1])	278 lm	20 VA / 4,7 W	
Version with **3 K with single monitoring**, black housing, **with reduced power**				
31087	8 (60[1])	278 lm	20 VA / 4,7 W	
Version with **4 K with single monitoring**, grey housing, **with reduced power**				
31091	8 (60[1])	278 lm	20 VA / 4,7 W	
Version with **3 K with single monitoring**, grey housing, **with reduced power**				
31095	8 (60[1])	278 lm	20 VA / 4,7 W	
Version with **4 K without single monitoring (EVG)**, black housing, **without reduced power**				
31084	68	1.500 lm	18,5 VA / 17 W	
Version with **3 K without single monitoring (EVG)**, black housing, **without reduced power**				
31088	68	1.500 lm	18,5 VA / 17 W	
Version with **4 K without single monitoring (EVG)**, grey housing, **without reduced power**				
31092	68	1.500 lm	18,5 VA / 17 W	
Version with **4 K without single monitoring (EVG)**, grey housing, **without reduced power**				
31096	68	1.500 lm	18,5 VA / 17 W	
Version with **4 K without single monitoring (EVG)**, black housing, **with reduced power**				
31085	8 (60[1])	278 lm	20 VA / 5,4 W	
Version with **3 K without single monitoring (EVG)**, black housing, **with reduced power**				
31089	8 (60[1])	278 lm	20 VA / 5,4 W	
Version with **4 K without single monitoring (EVG)**, grey housing, **with reduced power**				
31093	8 (60[1])	278 lm	20 VA / 5,4 W	
Version with **3 K without single monitoring (EVG)**, grey housing, **with reduced power**				
31097	8 (60[1])	278 lm	20 VA / 5,4 W	

[1] 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

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

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

Protection class:
III

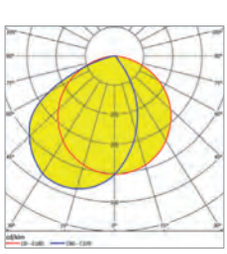
CENTRAL SUPPLY

Battery supply:
176 V–276 V

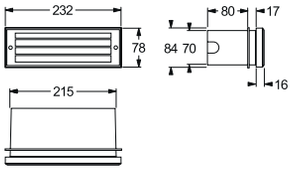
Mains supply:
198V–254V/50Hz

Ambient temperature:
-20 °C to +40 °C

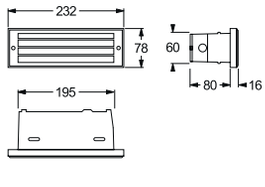
Protection class:
I



Polar diagram



Recessed step mounting (solid)



Step cutout: 278 x 92 mm

Recessed step mounting (hollow)

SICURO 24 LED DECENTRAL SUPPLY

Sicuro24 Order code	LED	Φ	P=
Recessed step mounting for escape route lighting			
32031	3	29 lm	4.3 W

SICURO 230 CENTRAL SUPPLY

Sicuro230 Order code	LED	Φ	S~	P=
Recessed step mounting for escape route lighting				
31031	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

Housing:	Sheet steel, white (RAM 9003) Stainless steel, V2A
Cover:	Methacrylate, transparent
Lens:	Methacrylate

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 +40 °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

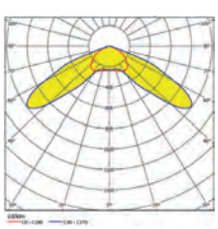
CENTRAL SUPPLY

Battery supply:
176 V–276 V

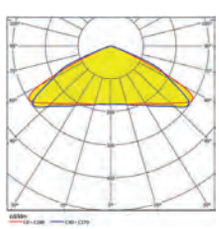
Mains supply:
198V–254V / 50Hz

Ambient temperature:
-20 °C to +40 °C

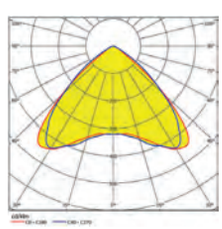
Protection class:
I



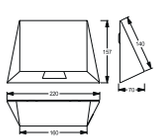
Asymmetric wide beam



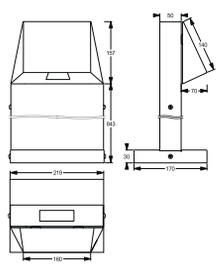
Symmetric wide beam to 3.5 m



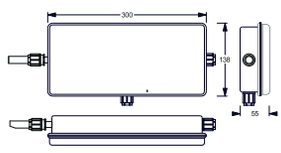
Symmetric wide beam to 7 m



Surface 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 Area 214 / 209 lm	Escape route 113 lm Area 124 / 120 lm	Escape route 32 lm Area 35 / 34 lm	2 x LTO 7.2 V / 0.5 Ah	4.85 VA
Surface wall mounting suitable for escape route or area lighting with 3 changeable lenses, V2A								
37099	**37100**	**37101**	1	Escape route 196 lm Area 214 / 209 lm	Escape route 113 lm Area 124 / 120 lm	Escape route 32 lm Area 35 / 34 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 mounting suitable for escape route or area lighting with 3 changeable lenses, white								
36123	**36124**	**36125**	1	Escape route 196 lm Area 214 / 209 lm	Escape route 132 lm Area 144 / 140 lm	NiMH 7.2 V / 1.2 Ah	NiMH 7.2 V / 1.2 Ah	8 VA
Surface wall mounting suitable for escape route or area lighting with 3 changeable lenses, V2A								
36129	**36130**	**36131**	1	Escape route 196 lm Area 214 / 209 lm	Escape route 132 lm Area 144 / 140 lm	NiMH 7.2 V / 1.2 Ah	NiMH 7.2 V / 1.2 Ah	8 VA

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 Area 214 / 209 lm	3.8 W
Surface wall mounting suitable for escape route or area lighting with 3 changeable lenses, V2A			
32058	1	Escape route 196 lm Area 214 / 209 lm	3.8 W

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 Area 214 / 209 lm	8.3 VA / 4.1 W	
Surface wall mounting suitable for escape route or area lighting with 3 changeable lenses, V2A				
31057	1	Escape route 196 lm Area 214 / 209 lm	8.3 VA / 4.1 W	

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 insertand with microprismatic, highly reflective aluminium reflector. The insert is attached to the housing with stainless steel hinges and locks. Swivelling mounting (+/- 180°). Light distribution can be emitted symmetrically over a wide over 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

Housing:	Diecast aluminium, grey (RAL 7035)	**Service life L80B20:**	50.000 h
Display pane:	Tempered glass, microprismatic	**Color stability:**	3 SDCM
Reflector:	Aluminium, specular		



SELF-CONTAINED SUPPLY

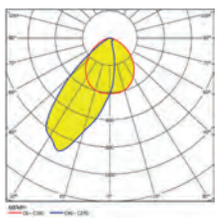
Mains supply: 198 V–254 V / 50 Hz	**Ambient temperature:** LTO: -20 °C to +50 °C
Specification: Maintained or non-maintained mode	**Protection class:** I

DECENTRAL SUPPLY

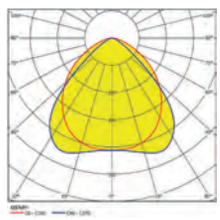
Battery supply: 24 V +/- 20% DC	**Ambient temperature:** -20 °C to +40 °C
Mains supply: 24 V +/- 20% DC	**Protection class:** I / III

CENTRAL SUPPLY

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

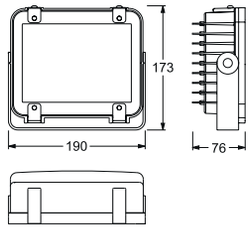


Asymmetric

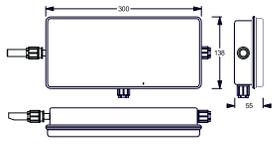


Symmetric

Data as mains luminaire Order code	LED	P	Φ	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[3]	8 W / 16 W[3]
32072	66	690 lm / 1.380 lm[3]	8 W / 16 W[3]
32073	99	650 lm / 1.290 lm[3]	8 W / 16 W[3]

CENTRAL SUPPLY

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

[3] 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)	**Service life $L_{80}B_{20}$:**	50.000 h
Cover:	Methacrylate, opal	**Color stability:**	3 SDCM
Lens:	Methacrylate		



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

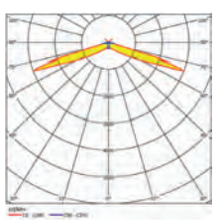
CENTRAL SUPPLY

Battery supply:
176 V–276 V

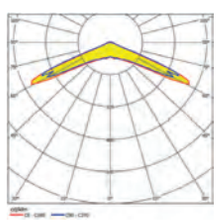
Mains supply:
198 V–254 V/50 Hz

Ambient temperature:
-20 °C to +40 °C

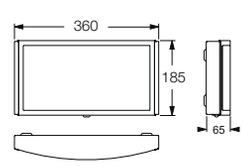
Protection class:
I



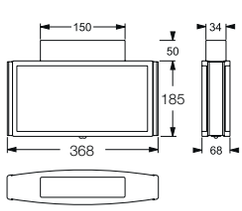
Asymmetric wide beam



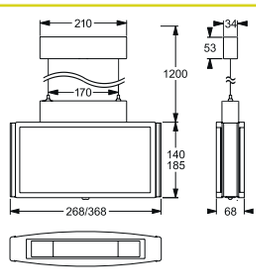
Symmetric wide beamt up to 3.5 m



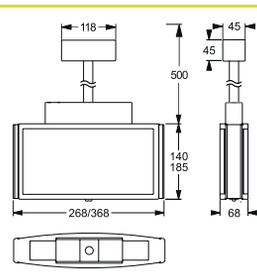
Surface wall mounting



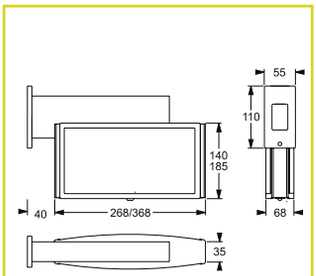
Surface ceiling mounting



Wire suspension



Suspension rod



Bracket suspension

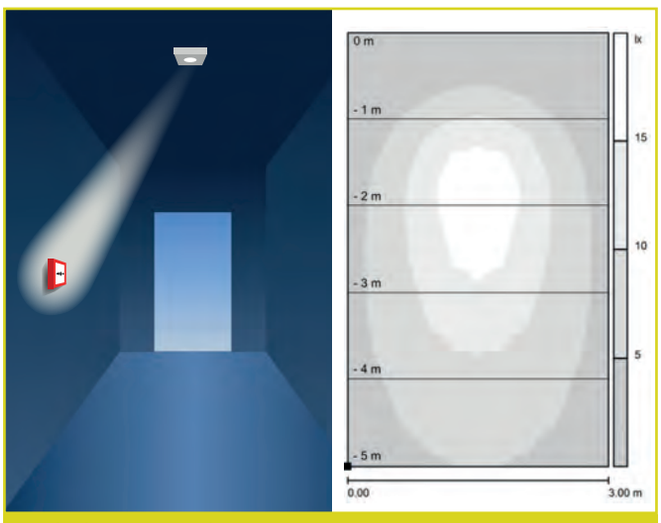
SICURO 24 LED =® DECENTRAL SUPPLY

Sicuro24 Order code	VD	LED	Φ	P=
Surface wall mounting for single faced indication suitable for escape route lighting and area lighting with 2 changeable lenses				
32028	32 m	48 + 1	Escape route 261 lm Area 285 lm	8.1 W
Surface ceiling mounting for single faced indication suitable for escape route lighting and area lighting with 2 changeable lenses [1]				
32030	32 m	48 + 1	Escape route 261 lm Area 285 lm	8.1 W

[1] Für surface mounting and all suspended versions, please order required equipment separately

SICURO 230 =® CENTRAL SUPPLY

Sicuro230 Order code	VD	LED	Φ	S~	P=
Surface wall mounting for single faced indication suitable for escape route lighting and area lighting with 2 changeable lenses					
31028	32 m	48 + 1	Escape route 261 lm Area 285 lm	17.7 VA / 8.8 W	
Surface ceiling mounting for single faced indication suitable for escape route lighting and area lighting with 2 changeable lenses [1]					
31030	32 m	48 + 1	Escape route 261 lm Area 285 lm	17.7 VA / 8.8 W	



Illumination of safety devices

Inlcuded in standard delivery		
Order code	**Description**	
F15338MU	Exit sign film	
F15338MR	Exit sign film	
F15338ML	Exit sign film	
F15338MO	Exit sign film	

Please order additional equipment separately	
Order code	**Description**
F95109PK	Adapter for ceiling mounting
F95109PR	Suspension rod, rectangular, 500 mm
F95109PS	Wire suspension, max. 1.200 mm
F95109P	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 exchangable 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

Housing:	Sheet steel, white (RAL 9003)	**Service life $L_{80}B_{20}$:**	50.000 h
Display pane:	Methacrylate, printed	**Color stability:**	3 SDCM
Lens:	Methacrylate		



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

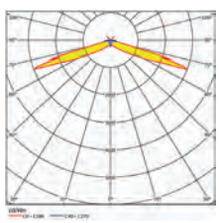
CENTRAL SUPPLY

Battery supply:
176 V–276 V

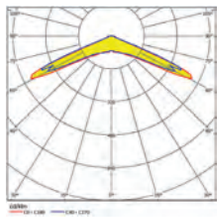
Mains supply:
198 V–254 V / 50 Hz

Ambient temperature:
-20 °C to +40 °C

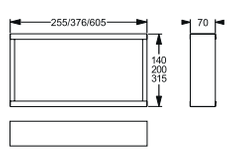
Protection class:
I



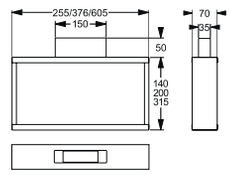
Asymmetric wide beam



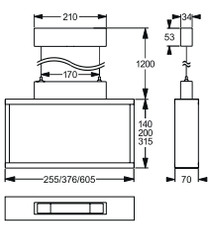
Symmetric wide beam to 3.5 m



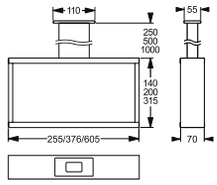
Surface wall mounting



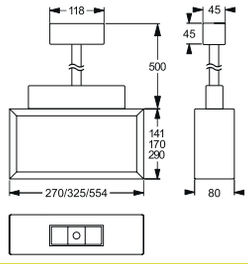
Surface ceiling mounting



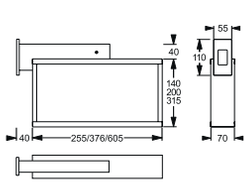
Wire suspension



Suspension rod, rectangular



Suspension rod round



Bracket suspension

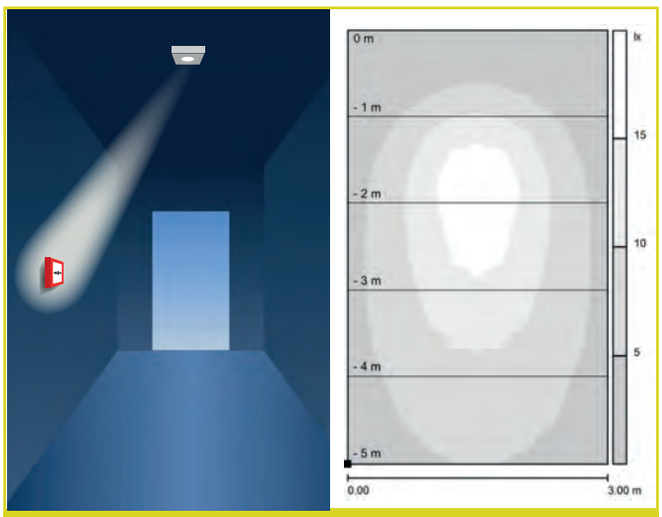
SICURO 24 LED DECENTRAL SUPPLY

Sicuro24 Order code	VD	LED	Φ	P=	
Surface wall mounting for single faced indication suitable for escape route lighting and area lighting with 2 changeable lenses					
32105	34 m	48 + 1	Escape route 261 lm Area 285 lm		8.1 W
Surface ceiling mounting for single faced indication suitable for escape route lighting and area lighting with 2 changeable lenses[1]					
32106	34 m	48 + 1	Escape route 261 lm Area 285 lm		8.1 W

[1] For surface mounting and all suspended versions please order required equipment separately

SICURO 230 CENTRAL SUPPLY

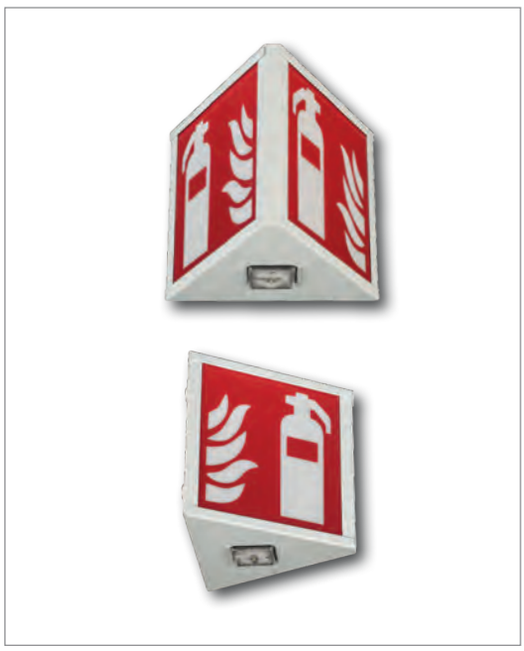
Sicuro230 Order code	VD	LED	Φ	S~	P=
Surface wall mounting for single faced indication suitable for escape route lighting and area lighting with 2 changeable lenses					
31154	34 m	48 + 1	Escape route 261 lm Area 285 lm		17.7 VA / 8.8 W
Surface ceiling mounting for single faced indication suitable for escape route lighting and area lighting with 2 changeable lenses[1]					
31155	34 m	48 + 1	Escape route 261 lm Area 285 lm		17.7 VA / 8.8 W



Illumination of safety devices

Please order exit sign equipment separately		
Order code	**Description**	
E16608M	Exit sign display pane	
E16609M	Exit sign display pane	
E16610M	Exit sign display pane	
E16640M	Exit sign display pane	
E16642M	Exit sign display pane	
E16641M	Exit sign display pane	
E16643M	Exit sign display pane	
E16611	Opal plastic pane	
E16241	Opal plastic pane, white	

Please order additional equipment separately	
	Description
F95057	Adapter for ceiling mounting
F95600	Suspension rod, rectangular, 250 mm
F95601	Suspension rod, rectangular, 500 mm
F95602	Suspension rod, rectangular, 1.000 mm
F95400	Suspension rod, round, 500 mm
F95401	Wire suspension, max. 1.200 mm
F95056	Bracket suspension
F95067	Adapter for chain or wire suspension
F95032K	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)	**Service life $L_{80}B_{20}$:**	50.000 h
Display pane:	Methacrylate, printed	**Color stability:**	3 SDCM
Lens:	Methacrylate		

VD 26 m | IP40 | IK07

DECENTRAL SUPPLY

Battery supply:
24 V +/- 20% DC

Mains supply:
24 V +/- 20% DC

Ambient temperature:
-20 °C to +40 °C

Protection class:
III

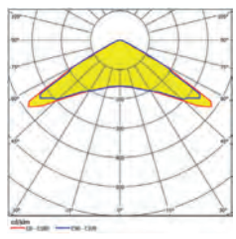
CENTRAL SUPPLY

Battery supply:
176 V–276 V

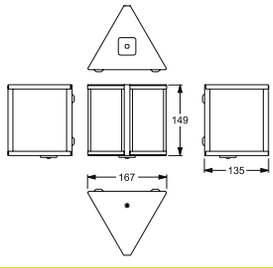
Mains supply:
198 V–254 V / 50 Hz

Ambient temperature:
-20 °C to +40 °C

Protection class:
I



Polar diagram



Surface wall mounting

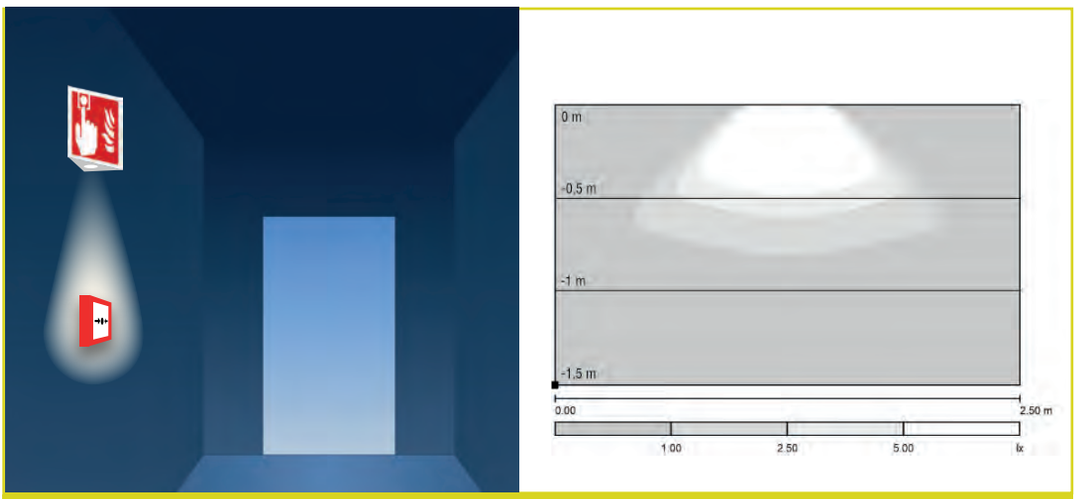
SICURO 24 DECENTRAL SUPPLY

Sicuro24 Order code	VD	LED	P=
Surface wall mounting for illumination of safety devices			
32074	26 m	3	8.1 W

SICURO 230 CENTRAL SUPPLY

Sicuro230 Order code	VD	LED	S~	P=
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)	**Service life $L_{80}B_{20}$:**	50.000 h
Frame:	Polycarbonate, grey (RAL 7026)	**Color stability:**	3 SDCM

IP40

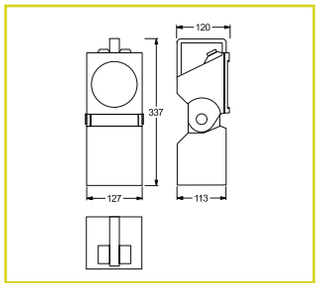
SELF-CONTAINED

Specification:
Non-maintained mode

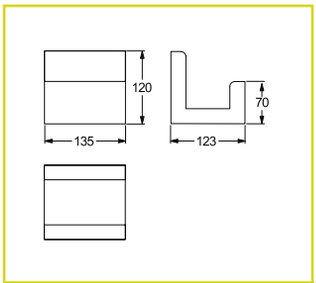
Mains supply:
230 V / 50 / 60 Hz

Ambient temperature:
0 °C to +40 °C

Protection class:
II



Portable LED-lamp



Wallsupport

CLASSIC SELF-CONTAINED SUPPLY

Classic Order code	LED	P	Φ	t
8380	2	2.4 W[1] 0.2 W[2]	230 lm (9.5 h)[1] 23.5 lm (85 h)[2]	Pb 6 V / 4.5 Ah

[1] Main LED
[2] Secondary LED

Please order additional equipment separately	
Order code	**Description**
2750	Wallsupport



PLURALUCE-LEUCHTENMODUL

Conversion kit for generel lighting fittins 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

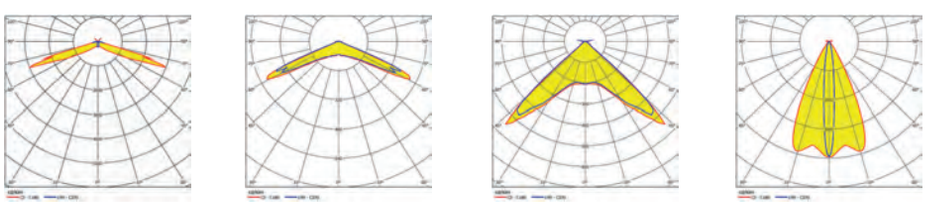
CENTRAL SUPPLY

Battery supply:
176 V–254 V

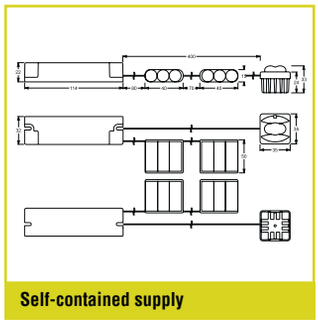
Mains supply:
198 V–254 V/50 Hz

Ambient temperature:
-20 °C to +40 °C

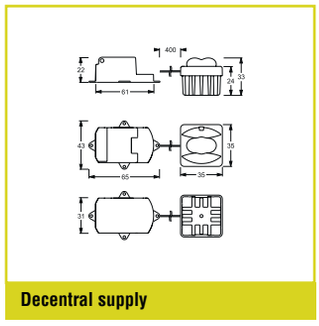
Protection class:
II



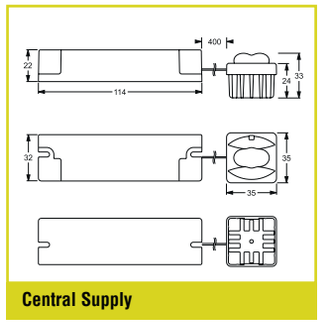
Asymmetric wide beam | **Symmetric wide beam to 3.5 m** | **Symmetric wide beam to 7 m** | **Asymmetric deep beam**



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

CLASSIC SELF-CONTAINED SUPPLY

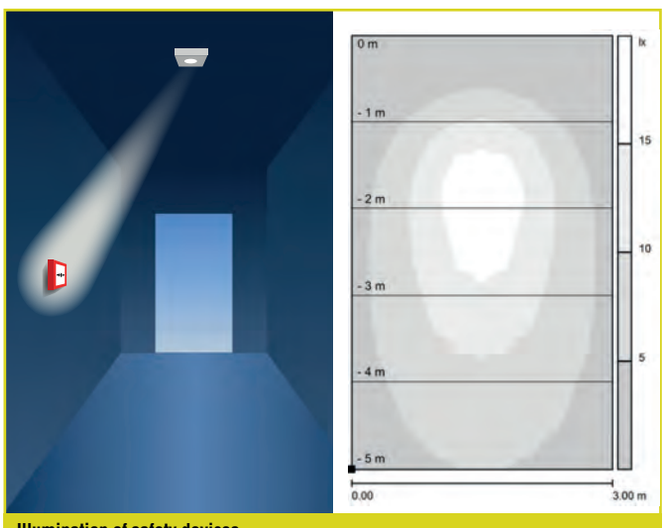
Autotest Order code	Logica Order code	Logica FM Order code	LED	Φ 1 h	Φ 3 h	Autotest	Logica	S~
Illumination for escape routes and areas with 3 changeable lenses								
16769	**19342**	**19343**	1	Escape route 261 lm Area 255 / 285 lm	Escape route 176 lm Area 172 / 192 lm	NiMH 7.2V / 1.2 Ah	NiMH 7.2V / 1.2 Ah	8 VA

SICURO 24 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 230 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 **escape route lighting** with mounting heights > 7.5 m
F95808	Deep beam lens (area lighting module) for **area lighting** with mounting heights > 7.5 m
F95815	Asymmetrical lens (area lighting module) for **illumination of the safety devices** 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)



SELF-CONTAINED SUPPLY

Mains supply:
198 V–254 V / 50 Hz

Specification:
Maintained or
non-maintained mode

Protection class:
II

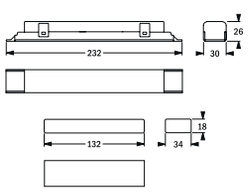
Ambient temperature:
Electronic:
-20 °C to +70 °C
Battery:
LTO: -20 °C to +50 °C
LFP: -10 to +60 °C

LED MODULE SUPPLY

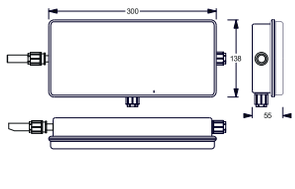
Power:
10 W (1 h)
3.3 W (3 h)
1.25 W (8 h)

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	P	Φ 1 h	Φ 3 h	Φ 8 h		S~
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	2 VA
19391	**19391**	**19391+19375**					LFP 12.8 V / 1.5 Ah	

FORMULA FOR CALCULATION OF LUMINOUS FLUX SELF-CONTAINED SUPPLY

Operating time 1 h

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

Operating time 3 h

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

Operating time 8 h

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

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

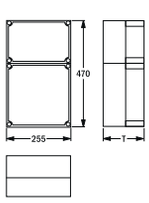
Protection class:
I

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

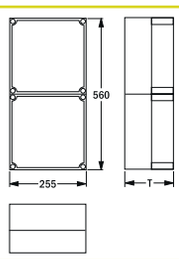
SUPPLY

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 / V908035-FM	20 kg	180 mm

CLASSIC SELF-CONTAINED SUPPLY

Autotest Order code	Logica Order code	Logica FM Order code	Φ t	Autotest / Logica / Logica FM	S~
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**	**V90802I-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	Luminiare with LED or discharge lamp and electronic operating unit [1]		Luminiare with LED or discharge lamp and magnetic operating unit [1]	
		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 % [2]	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 % [2]	1 x 60 W 2 x 30 W	100 %
V90801L **V90801L-FM**	3 h	1 x 20 W 2 x 10 W	max. 100 % [2]	1 x 20 W 2 x 10 W	100 %
V90802L **V90802L-FM**	1 h	1 x 100 W 2 x 50 W	max. 100 % [2]	1 x 100 W 2 x 50 W	100 %
V90802L **V90802L-FM**	3 h	1 x 40 W 2 x 20 W	max. 100 % [2]	1 x 40 W 2 x 20 W	100 %
V90803L **V90803L-FM**	1 h	1 x 120 W 2 x 60 W	max. 100 % [2]	1 x 120 W 2 x 60 W	100 %
V90803L **V90803L-FM**	3 h	1 x 70 W 2 x 35 W	max. 100 % [2]	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 % [2]	1 x 120 W 2 x 60 W	100 %

[1] 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.

[2] Depending on the electronic operating device, also < 100%

[3] Depending on affiliated luminous flux

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Exit sign luminaire surface wall mounting


Exit sign luminaire recessed wall mounting


Exit sign luminaire surface ceiling mounting


Exit sign luminaire recessed ceiling mounting


Exit sign luminaire wire suspension


Exit sign luminaire suspension rod (round)


Exit sign luminaire suspension rod (rectangular)


Exit sign luminaire bracket suspension


Safety luminaire for escape route lighting


Safety luminaire surface wall mounting


Safety luminaire recessed wall mounting


Safety luminaire recessed step mounting


Safety luminaire surface ceiling mounting


Safety luminaire recessed ceiling mounting


Safety luminaire surface ceiling mounting (asymmetric)


Safety luminaire wire suspension


Combined exit sign and safety luminaire surface wall mounting


Combined exit sign and safety luminaire recessed wall mounting


Combined exit sign and safety luminaire wire suspension


Combined exit sign and safety luminaire suspension rod


Combined exit sign and emergency luminaire suspension rod (rectangular)


Combined exit sign and emergency luminaire bracket suspension



Exit sign luminaire Erkennungsweite



Safety luminaire light distance



Stable against UV



Explosion protected



Stable against chemical stress



Color temperature



Color reproduction


Type of battery / battery capacity



Number of LEDs



LED light performance



LED light performance DC



LED light performance AC



LED light luminous flux



Luminous flux



LED lamp power



LED lamp luminous flux



Degree of protection IP



Impact resistance IK

Stainless steel

Electronic operating unit

Conventional operating unit

T5 lamp

T8 lamp

TC-L lamp

Operating time 1 h / 3 h / 8 h

External emergency lighting module

Internal emergency lighting module

Lighting module

Wireless function

NOTES

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 from part of any contract. The right is reserved to change specifications without prior notification or public announcement.

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