

ONLITE

Compact product range

Emergency lighting
and emergency lighting
systems



[linked](#)

All order numbers in the
PDF are linked to the Zumtobel
online catalogue.



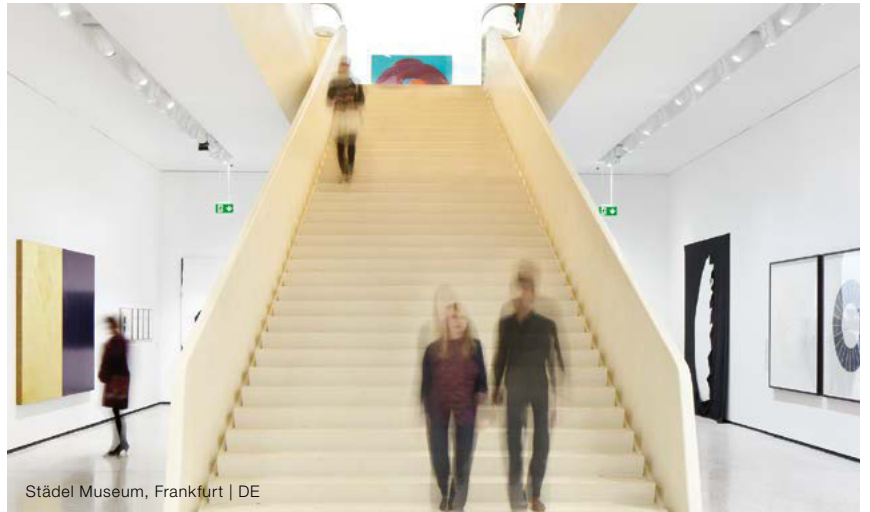
Reykjavik University | IS



LCT ONE – Life Cycle Tower, Dornbirn | AT

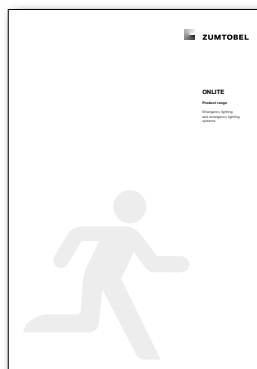


Hotel Belvoir, Rüschlikon | CH



Städel Museum, Frankfurt | DE

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A comprehensive brochure including the complete ONLITE product range is available for downloading.

zumtobel.com/onlite



ONLITE works when everything else is down!

Functional emergency lighting is more than just a must required by law. The quality of the luminaires and of the emergency power supply system reflects the operator's responsibility towards the building, the people using it and towards the environment. Emergency and emergency sign luminaires of the ONLITE product range cannot fail to impress in everyday life, too – on account of their unobtrusive design and their capability of blending into the interior. Zumtobel attaches great importance to technical quality criteria such as maximum energy efficiency and convenient maintenance also when it comes to emergency lighting. Based on many years of experience with LED, ONLITE incorporates state-of-the-art, extremely durable LED technology. The built-in Maintenance function ensures constant luminous flux for more than 50 000 hours. All luminaires have been tested under ENEC and conform with the EN 1838 standard. Two concepts are available for reliable power supply in an emergency case: separate-battery and central-battery supply.

Product overview



ONLITE
Emergency
luminaires



ONLITE
escape sign
luminaires



General-lighting
luminaires
as emergency
luminaires



ONLITE
separate battery
within the
luminaire



ONLITE
central-battery
system



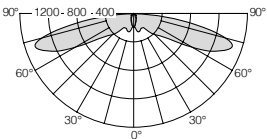


ONLITE emergency luminaires

RESCLITE high performance



Escape route lighting



RESCLITE escape high performance

Maximum illuminance levels in unobtrusive design

The national standards and laws applicable in some countries require higher illuminance levels than those specified by EN 1838 (e.g. for escape route lighting: 5 lx in Italy and 1 footcandle / 10.76 lx in the MENA region and the USA). RESCLITE escape high performance is the only emergency luminaire available on the market that demonstrably meets these requirements and also allows previously unequalled luminaire spacings. For standard applications (escape route lighting: 1 lx), the maximum distance between 2 emergency luminaires may be up to 35 m. Sophisticated lens design dispenses with the need for a separate reflector. The result: an emergency luminaire that blends into the ceiling in a discreet and elegant manner.

Max. luminaire spacing of **up to 35 m > 1 lux**
 Max. luminaire spacing of **up to 15.6 m > 5 lux**

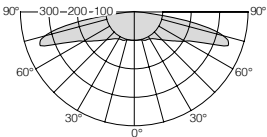
h	a1						a2					
	Wall / luminaire		Luminaire / luminaire				Luminaire / luminaire		Luminaire / luminaire			
	max. distance (m)		max. distance (m)				max. distance (m)		max. distance (m)			
Mounting height (m)	1 lx		5 lx		1 fc		1 lx		5 lx		1 fc	
	NTx	Nxx	NTx	Nxx	NTx	Nxx	NTx	Nxx	NTx	Nxx	NTx	Nxx
2.2	9.05	9.60	4.40	4.65	4.00	4.00	21.50	22.65	10.60	11.15	8.00	11.00
2.5	9.55	10.15	4.75	5.10	3.50	4.10	22.90	24.15	11.70	12.40	5.50	8.90
3.0	10.25	10.95	4.95	5.45	2.50	2.50	24.95	26.40	13.50	14.00	4.50	4.50
3.5	10.75	11.55	3.40	5.40	2.20	2.00	26.70	28.35	13.95	15.15	4.00	4.00
4.0	11.05	12.00	1.60	2.05	-	1.75	28.20	30.00	13.00	15.60	-	4.00
4.5	11.10	12.25	-	1.65	-	-	29.50	31.45	10.25	12.70	-	-
5.0	10.95	12.35	-	-	-	-	30.45	32.75	5.00	11.10	-	-
5.5	10.00	12.15	-	-	-	-	31.10	33.75	2.00	5.40	-	-
6.0	6.05	11.55	-	-	-	-	31.45	34.40	-	2.25	-	-
6.5	3.80	7.75	-	-	-	-	29.60	34.80	-	-	-	-
7.0	3.35	4.45	-	-	-	-	25.80	34.05	-	-	-	-
7.5	-	4.00	-	-	-	-	24.75	32.15	-	-	-	-
8.0	-	-	-	-	-	-	22.50	27.90	-	-	-	-
8.5	-	-	-	-	-	-	16.95	27.20	-	-	-	-
9.0	-	-	-	-	-	-	11.05	24.75	-	-	-	-
9.5	-	-	-	-	-	-	9.95	18.50	-	-	-	-
10.0	-	-	-	-	-	-	4.60	12.25	-	-	-	-

NTx = NT1, NT3 Nxx = NDA, NSI, NPS





Antipanic lighting



RESCLITE antipanic high performance

The power package with innovative lighting technology

By combining two LEDs with an innovative lens, RESCLITE antipanic high performance is able to achieve extremely wide luminaire spacings, even at increased illuminance levels (required by national laws, e.g. 2 lx in Italy).

With the minimum illuminance level of 0.5 lx specified by the EN 1838 standard, luminaire spacings of up to 22 m (more than 400 m²) are now possible. The investment costs can be considerably cut by the lower number of luminaires required as well as the reduced battery output for central battery systems. The innovative lens design results in the antipanic luminaire featuring superior lighting technology with rectangular light distribution, so that rooms can be perfectly lit, even in corners. This makes lighting design considerably easier.

Max. room illumination of **up to 440 m² > 0,5 lux**

Max. room illumination of **up to 110 m² > 2 lux**

h	a1				a2				
	Wall /luminaire		Luminaire /luminaire		Luminaire /luminaire		Luminaire /luminaire		
	max. distance (m)		max. distance (m)		max. distance (m)		max. distance (m)		
	0,5 lx		2 lx		0,5 lx		2 lx		
	NT1.	NT3	Nxx	NT1.	NT3	Nxx	NT1.	NT3	Nxx
2.2	5.20	5.60	2.50	2.85	14.95	15.85	7.75	8.25	
2.5	4.80	5.75	2.35	2.60	15.75	16.75	8.40	9.00	
3.0	4.65	5.20	2.15	2.50	16.85	18.00	9.15	9.95	
3.5	4.50	5.15	1.75	2.20	17.80	19.10	9.50	10.45	
4.0	4.30	4.95	1.25	1.70	18.35	20.00	9.55	10.60	
4.5	3.95	4.70	0.70	1.20	18.85	20.40	9.35	10.60	
5.0	3.55	4.40	-	0.60	19.05	20.90	9.00	10.30	
5.5	3.00	4.00	-	-	19.00	21.10	8.15	9.90	
6.0	2.45	3.45	-	-	19.10	21.10	6.95	9.00	
6.5	1.95	2.90	-	-	19.00	21.20	5.80	7.80	
7.0	1.40	2.40	-	-	18.75	21.10	4.45	6.75	
7.5	0.75	1.85	-	-	18.45	21.00	3.30	5.35	
8.0	-	1.25	-	-	18.00	20.70	2.20	4.10	
8.5	-	-	-	-	17.20	20.30	0.55	3.05	
9.0	-	-	-	-	16.30	19.80	-	1.85	
9.5	-	-	-	-	15.05	18.90	-	-	
10.0	-	-	-	-	13.90	18.10	-	-	

Nxx = NDA, NSI, NPS



ONLITE emergency luminaires

RESCLITE emergency luminaires for ceilings and walls

ONLITE RESCLITE escape ceiling-recessed IP40



ONLITE RESCLITE wall surface-mounted on wall IP65



ONLITE RESCLITE escape

Illuminates escape routes at every step and turn

The EN 1838 standard specifies a minimum level of illuminance of 1 lux along the central floor axis of escape routes. RESCLITE escape uses the special combination of lens and reflector to focus this light onto a long, narrow area covering up to 26 metres. High-quality lighting technology reduces glare and ensures perfect visual conditions in emergency operation as well. This characterises RESCLITE escape as a specialist for escape route lighting in rooms with ceiling heights of up to 7 metres.

ONLITE RESCLITE wall

Uses the wall for safe escape route lighting

Where emergency luminaires cannot be installed on the ceiling for visual or technical reasons, for instance because rooms are very high or the ceiling design makes installation impossible, RESCLITE provides an elegant option: square LED wall-mounted luminaires with asymmetrical, wide-angle distribution illuminate escape routes, providing a minimum level of illuminance of 1 lux along the central floor axis as specified in EN 1838. In this case, luminaire spacings of up to 15 metres are possible.



ONLITE emergency luminaires

Design fundamentals

Escape route lighting **1 lux**

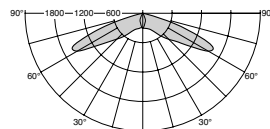


RESCLITE escape

Max. luminaire spacing **up to 26 m > 1 lux**

h	a1		a2	
	Wall/luminaire max. distance (m)		Luminaire/luminaire max. distance (m)	
	IP40		IP65	
Mounting height (m)	NT1 / NT3 / Nxx	NT1 / NT3 / Nxx	NT1 / NT3 / Nxx	NT1 / NT3 / Nxx
2.2	6.80 / 6.75 / 7.20	6.80 / 6.70 / 7.15	16.00 / 15.85 / 16.80	15.80 / 15.70 / 16.60
2.5	7.25 / 7.20 / 7.70	7.25 / 7.15 / 7.65	17.15 / 17.00 / 18.05	17.00 / 16.90 / 17.85
3.0	8.05 / 7.95 / 8.45	7.90 / 7.85 / 8.40	18.90 / 18.75 / 19.95	18.85 / 18.70 / 19.85
3.5	8.65 / 8.55 / 9.20	8.45 / 8.35 / 9.00	20.50 / 20.30 / 21.65	20.40 / 20.20 / 21.60
4.0	9.15 / 9.05 / 9.75	8.90 / 8.75 / 9.50	22.05 / 21.90 / 23.20	21.85 / 21.60 / 23.10
4.5	9.60 / 7.00 / 10.25	5.15 / 5.10 / 9.95	23.45 / 23.20 / 24.80	21.90 / 21.35 / 24.50
5.0	5.45 / 5.15 / 10.70	3.90 / 3.85 / 5.75	23.30 / 22.60 / 26.15	22.15 / 19.90 / 25.65
5.5	4.20 / 3.95 / 6.30	4.00 / 3.80 / 4.30	22.20 / 21.70 / 26.30	20.70 / 20.45 / 24.75
6.0	3.40 / 3.15 / 5.05	2.90 / 2.55 / 4.45	21.80 / 21.25 / 25.10	16.90 / 15.50 / 23.00
6.5	2.40 / 2.10 / 4.15	1.50 / 1.25 / 3.70	18.15 / 17.05 / 24.65	14.45 / 12.70 / 23.20
7.0	1.00 / - / 3.35	- / - / 2.35	15.65 / 14.70 / 24.00	12.10 / 10.85 / 15.90
7.5	- / - / 2.15	- / - / 1.25	13.10 / 12.25 / 19.00	9.95 / 9.20 / 11.90

Nxx = NDA, NSI, NPS



Spacing table factors for RESCLITE escape and RESCLITE escape HC
 Minimum illuminance: 1 lx along the central floor axis, 0.5 lx across half the escape route width | Escape route width: 2 m |
 Maintenance factor: 0.8 | Reflection coefficient: 0 | Uniformity: max. 40 : 1 | Luminous intensity distribution: cd/1000 lm



Escape route lighting **1 lux**

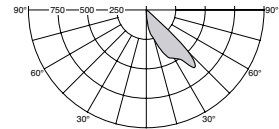
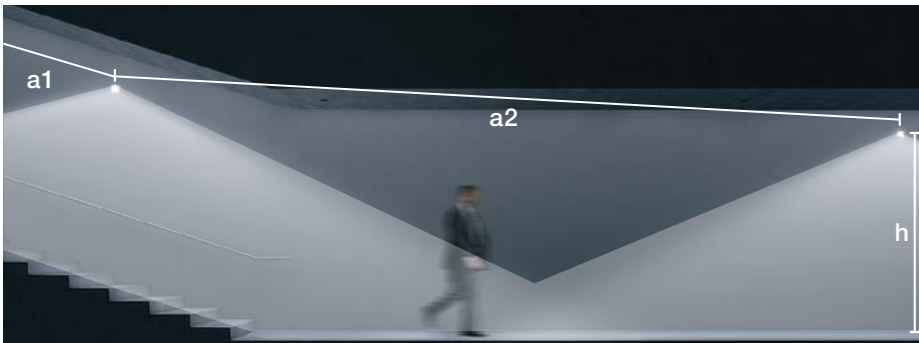


RESCLITE wall

Max. luminaire spacing **up to 15 m > 1 lux**

h	a1		a2	
	Wall/luminaire max. distance (m)		Luminaire/luminaire max. distance (m)	
	IP40 NT1 / NT3 / Nxx	IP65 NT1 / NT3 / Nxx	IP40 NT1 / NT3 / Nxx	IP65 NT1 / NT3 / Nxx
2.2	4.20 / 4.20 / 4.40	4.20 / 4.20 / 4.50	10.00 / 10.00 / 10.50	10.20 / 10.20 / 10.60
2.5	4.40 / 4.40 / 4.70	4.20 / 4.20 / 4.60	10.60 / 10.60 / 11.10	10.80 / 10.80 / 11.30
3.0	4.90 / 4.90 / 5.20	4.60 / 4.60 / 5.00	12.10 / 12.10 / 12.60	12.20 / 12.20 / 12.70
3.5	5.00 / 5.00 / 5.40	4.80 / 4.80 / 5.20	12.70 / 12.70 / 13.40	12.20 / 12.20 / 13.30
4.0	5.20 / 5.20 / 5.60	4.80 / 4.80 / 5.40	13.70 / 13.70 / 14.50	12.90 / 12.90 / 14.10
4.5	5.00 / 5.00 / 5.80	4.80 / 4.80 / 5.50	14.20 / 14.20 / 15.00	13.40 / 13.40 / 14.20
5.0	- / - / 5.60	- / - / 1.70	12.60 / 12.60 / 15.60	10.00 / 10.00 / 14.90
5.5	- / - / 0.50	- / - / -	10.30 / 10.30 / 16.00	8.7 / 8.7 / 12.70
6.0	- / - / 0.50	- / - / -	9.20 / 9.20 / 12.30	8.4 / 8.4 / 10.70

Nxx = NDA, NSI, NPS



Spacing table factors for RESCLITE wall
 Minimum illuminance: 1 lx along the central floor axis, 0.5 lx across half the escape route width | Escape route width: 2 m |
 Maintenance factor: 0.8 | Reflection coefficient: 0 | Uniformity: max. 40 : 1 | Luminous intensity distribution: cd/1000 lm



Antipanic lighting **0.5 lux**

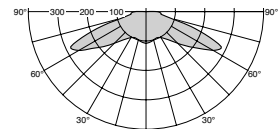
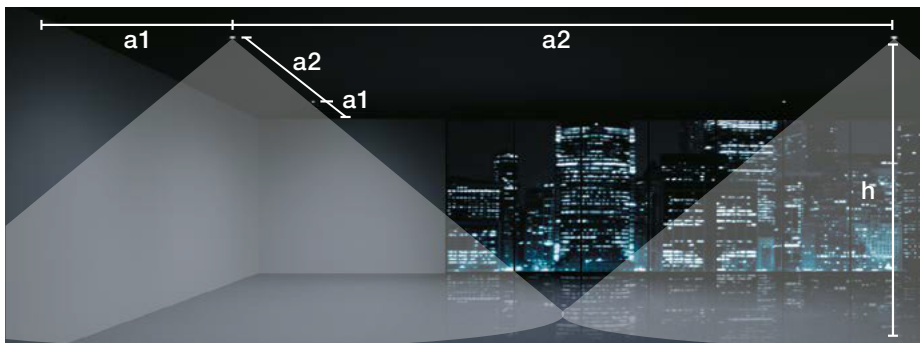


RESCLITE antipanic

Max. room illumination **up to 220 m² > 0.5 lux**

h	a1		a2	
	Wall/luminaire max. distance (m)		Luminaire/luminaire max. distance (m)	
	IP40		IP65	
Mounting height (m)	NT1 / NT3 / Nxx	NT1 / NT3 / Nxx	NT1 / NT3 / Nxx	NT1 / NT3 / Nxx
2.2	3.95 / 3.95 / 4.15	3.50 / 3.50 / 3.65	9.50 / 9.35 / 9.55	8.20 / 8.15 / 8.35
2.5	4.20 / 4.15 / 4.45	3.85 / 3.80 / 4.00/	10.45 / 10.40 / 10.65	9.10 / 9.10 / 9.30
3.0	3.05 / 3.00 / 3.45	3.10 / 3.00 / 4.50	11.95 / 11.85 / 12.40	10.60 / 10.55 / 10.80
3.5	3.15 / 3.10 / 3.45	3.10 / 3.10 / 3.40	13.05 / 12.95 / 13.70	11.90 / 11.75 / 12.25
4.0	2.80 / 2.70 / 3.55	2.70 / 2.65 / 3.55	12.30 / 12.10 / 14.80	12.70 / 12.55 / 13.45
4.5	2.65 / 2.55 / 3.15	2.70 / 2.60 / 3.00	12.70 / 12.55 / 13.75	12.25 / 12.05 / 14.20
5.0	2.35 / 2.20 / 2.95	2.35 / 2.20 / 3.00	13.20 / 13.05 / 14.15	12.30 / 12.05 / 13.65
5.5	1.85 / 1.70 / 2.70	1.70 / 1.60 / 2.65	12.15 / 11.90 / 14.75	12.50 / 12.30 / 14.00
6.0	1.50 / 1.40 / 2.20	1.40 / 1.10 / 2.10	12.20 / 12.00 / 13.70	12.30 / 11.90 / 13.85
6.5	1.20 / 1.05 / 1.80	- / - / 1.70	12.30 / 11.85 / 13.60	12.15 / 11.90 / 14.30
7.0	0.55 / 0.20 / 1.55	- / - / 0.60	11.90 / 11.65 / 13.80	11.60 / 11.30 / 13.55
7.5	- / - / 1.15	- / - / -	11.70 / 11.20 / 13.45	11.55 / 10.70 / 13.65
8.0	- / - / 0.15	- / - / -	10.95 / 10.60 / 13.30	10.75 / 10.50 / 12.90
8.5	- / - / -	- / - / -	10.50 / 10.20 / 12.85	10.30 / 9.95 / 12.25
9.0	- / - / -	- / - / -	10.00 / 9.45 / 12.25	8.85 / 8.45 / 12.00

Nxx = NDA, NSI, NPS



Spacing table factors for RESCLITE antipanic and RESCLITE antipanic high ceilings

Minimum illuminance: 0.5 lx | Maintenance factor: 0.8 | Reflection coefficient: 0 | Uniformity: max. 40 : 1 | Luminous intensity distribution: cd/1000 lm



Object lighting **5 lux**

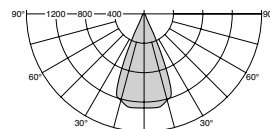


RESCLITE spot

Max. object lighting **Ø up to 3.8 m > 5 lux**

h	Ø	
Mounting height (m)	Diameter (m)	
	IP40 NT1 / NT3 / Nxx	IP65 NT1 / NT3 / Nxx
2.2	2.70 / 2.60 / 2.80	2.70 / 2.70 / 2.80
2.5	2.90 / 2.90 / 3.00	2.90 / 2.90 / 3.10
3.0	3.10 / 3.10 / 3.30	3.00 / 2.90 / 3.30
3.5	3.20 / 3.20 / 3.50	3.00 / 2.90 / 3.30
4.0	3.30 / 3.30 / 3.60	3.00 / 2.90 / 3.40
4.5	3.40 / 3.30 / 3.70	2.90 / 2.80 / 3.30
5.0	3.30 / 3.20 / 3.80	2.70 / 2.60 / 3.30
5.5	2.90 / 2.60 / 3.70	2.30 / 2.10 / 3.10
6.0	0.90 / 0.70 / 3.50	- / - / 2.70
6.5	- / - / 1.40	- / - / 2.10
7.0	- / - / 0.60	- / - / -

Nxx = NDA, NSI, NPS



Spacing table factors for RESCLITE spot

Minimum illuminance: 5 lx | Maintenance factor: 0.8 | Reflection factor: 0 | Uniformity: max. 40 : 1 | Luminous intensity distribution: cd/1000 lm



ONLITE RESCLITE antipanic ceiling-recessed IP40



ONLITE RESCLITE spot ceiling-recessed IP40

**ONLITE RESCLITE antipanic**

Ensures good orientation in the room

According to EN 1838, antipanic lighting of at least 0.5 lux on the free floor area is required to avoid panic in emergency situations. With its wide-angle and rotationally symmetrical light emission, the RESCLITE antipanic luminaire is able to illuminate very large areas in a uniform way. Just a single luminaire is enough to provide orientation for an area of 220 m² and make escape routes and obstacles visible. Due to the high colour rendering index and ideal glare control, visual conditions in an emergency are optimised.

ONLITE RESCLITE spot

Shows rescue and alarm facilities in the right light

First-aid facilities, fire-fighting tools and fire-alarm systems off escape routes and outside antipanic lighting systems require special attention according to EN 1838. Measured at ground level, they must be illuminated with at least 5 lx. RESCLITE spot meets these demands with a high safety level and low energy consumption. Thus, the LED spot can be installed wherever emergency lighting with higher lighting intensity levels is required.

RESCLITE app

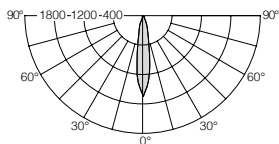
ONLITE emergency luminaires

RESCLITE high ceilings for areas with high ceilings



ONLITE RESCLITE escape high ceilings surface-mounted on ceiling IP65

Escape route lighting **1 lux**



ONLITE RESCLITE escape high ceilings

ensures maximum safety for escape routes in areas with high ceilings

The EN 1838 standard specifies a minimum level of illuminance of 1 lux on the central floor axis for a 2 m wide escape route. RESCLITE escape high ceilings uses a special combination of lenses and reflector to focus its light onto a long, narrow strip, resulting in coverage of up to 22 m – which is therefore the maximum distance allowed between two luminaires. It is a unique selling proposition of RESCLITE escape high ceilings that it is able to provide illumination in compliance with relevant standards even at mounting heights of up to 23 m.

Max. luminaire spacing of **up to 22 m > 1 lux**

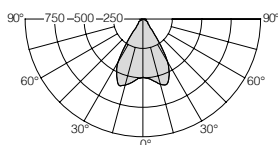
h	a1	a2
Mounting height (m)	Wall/luminaire max. distance (m)	Luminaire/luminaire max. distance (m)
	NDA, NSI, NPS	NDA, NSI, NPS
7.0	7.45	17.75
8.0	8.00	19.10
9.0	8.50	20.35
10.0	8.35	21.20
11.0	5.95	22.30
12.0	6.00	21.90
13.0	6.00	22.15
14.0	5.25	21.10
15.0	4.20	20.35
16.0	2.90	16.80
17.0	-	17.05
18.0	-	16.15
19.0	-	14.80
20.0	-	10.45
21.0	-	9.65
22.0	-	7.10
23.0	-	4.00





ONLITE RESCLITE antipanic high ceilings surface-mounted on ceiling IP65

Antipanic lighting **0.5 lux**



ONLITE RESCLITE antipanic high ceilings

ensures safe orientation in areas with high ceilings

In order to reduce the risk of panic in an emergency, EN 1838 requires 1 hour of antipanic lighting with at least 0.5 lux for halls or large conference rooms without clearly defined escape routes. The new RESCLITE antipanic high ceilings luminaire meets this requirement even in rooms with ceilings that are up to 30 m high. Thanks to its rotationally symmetrical wide-angle lighting pattern, a single RESCLITE antipanic high ceilings luminaire is sufficient to uniformly illuminate a surface of 290 m², provide orientation and ensure that escape routes can be safely reached.

Max. room illumination of **up to 290 m² > 0.5 lux**

h	a1	a2
Mounting height (m)	Wall /luminaire max. distance (m)	Luminaire /luminaire max. distance (m)
	NDA, NSI, NPS	NDA, NSI, NPS
9.0	4.55	11.65
10.0	4.80	12.45
11.0	5.00	13.25
12.0	5.10	14.05
13.0	5.10	14.90
14.0	4.85	15.65
15.0	4.30	16.40
16.0	-	17.05
17.0	-	15.85
18.0	-	14.50
19.0	-	14.00
20.0	-	13.80
21.0	-	13.85
22.0	-	14.00
23.0	-	14.15
24.0	-	14.10
25.0	-	13.95
26.0	-	13.25
27.0	-	12.60
28.0	-	11.95
29.0	-	11.25
30.0	-	9.85



ONLITE RESCLITE

Installation options and protection types



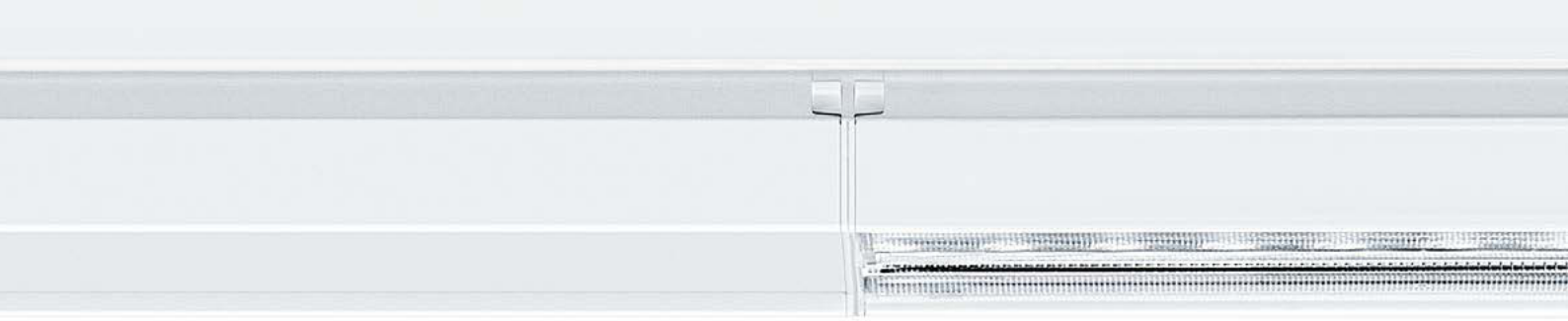
RESCLITE escape TECTON continuous-row system 180°

Technology and innovation

The lighting technology of the LED emergency luminaire is dedicated completely to luminaire efficiency. Despite being unrivalled when it comes to coverage and uniformity, the LED power package requires only a minimum of energy. Correspondingly, only small-scale emergency power supply systems and cabling are necessary. Despite its compact size, every RESCLITE emergency luminaire boasts convenient features typical of Zumtobel products, such as standard installation terminals for through-wiring, no-tool battery replacement and cabling in compliance with relevant standards.

- 1 Addressing
- 2 Reverse-polarity protection
- 3 Status LED
- 4 Thermal management
- 5 RESCLITE optic
- 6 LED lens and reflectors
- 7 Battery supply unit





RESCLITE wall IP65
Shown in original size



Integration into Zumtobel's continuous-row lighting systems

RESCLITE emergency luminaires and Zumtobel's continuous-row lighting systems combine to form a highly functional unit. Fitted with appropriate adapters, the escape route, antipanic and spot luminaires can be integrated into the trunking quickly and flexibly. As to supply systems, the entire range of separate and central battery systems are available for integration into the TECTON system. The TECTON luminaire fitted with a rotating lighting head allows perfect illumination of escape routes that are not parallel to the continuous-row system. For integration into the METRUM continuous-row system, the emergency luminaires are available with two optics: escape and antipanic.

High protection rating of IP65

If you are looking for emergency lighting that is suitable for tough and challenging ambient conditions, the RESCLITE product range with IP65 rating is exactly the right choice. Protected with a special seal, the innovative LED luminaire illuminates the way out of the building in emergencies in compliance with relevant standards, even under difficult conditions. Life-saving first-aid equipment can be safely reached and panic avoided. RESCLITE IP65 is available for all supply variants and can be mounted on walls and ceilings.



ONLITE RESCLITE









Product overview

White

Recessed into ceiling

					
IP 40	RESCLITE escape high performance	RESCLITE escape	RESCLITE antipanic high performance	RESCLITE antipanic	RESCLITE spot

Surface-mounted on ceiling

			
IP 40	RESCLITE escape	RESCLITE antipanic	RESCLITE spot
			
IP 65	RESCLITE escape	RESCLITE antipanic	RESCLITE spot
			
high ceilings*	RESCLITE escape	RESCLITE antipanic	







Wall-mounted

	
IP 65	RESCLITE wall

Recessed into wall

	
IP 40	RESCLITE wall

TECTON Continuous-row lighting system

				
IP 20	RESCLITE escape	RESCLITE escape H 180	RESCLITE antipanic	RESCLITE spot
				
high ceilings*	RESCLITE escape	RESCLITE antipanic		



Aluminium



RESCLITE escape



RESCLITE antipanic



RESCLITE spot



RESCLITE escape



RESCLITE antipanic



RESCLITE spot

Accessories



Cover frame white



Cover frame aluminium



Concrete casting surround recessed into ceiling



RESCLITE wall



Concrete casting surround recessed into wall

White

METRUM Continuous-row lighting system



IP20

RESCLITE escape H180



RESCLITE antipanic H180

Emergency Sets



RESCLITE escape



RESCLITE antipanic



RESCLITE spot



* high ceilings are only available in centrally supplied NDA, NSI and NPS variants.

ONLITE emergency sign luminaires

Unobtrusive design, superior safety



ONLITE PURESIGN 150
Wall-recessed



Design by EOOS

Zumtobel is collaborating with the renowned EOOS design studio to develop emergency sign luminaires boasting clear functionality and an elegant design.

ONLITE PURESIGN 150

Excellent lighting technology in a slender design

The extremely slim (20 mm) PURESIGN 150 emergency sign luminaire is decidedly elegant, even in the double-sided version – one of the reasons why it has won the 2013 iF product design award. Thanks to cutting-edge LED and lighting technology, the pictograph is illuminated brightly and extremely uniformly. The two rotating ERI spots at the bottom featuring a patented lens ensure that the emergency lighting system can be adjusted to the building's specific conditions. For the new generation of PURESIGN 150, four new installation options have been added to the existing product portfolio.

Design | EOOS





ONLITE CROSSIGN 160
Surface-mounted on ceiling



ONLITE COMSIGN 150
RSI cord suspension

ONLITE CROSSIGN 110 and 160

Multi-talented for every application

With just 4.5 W power consumption and a luminous flux of over 100 lumens, the luminaire has proved to be particularly sustainable. The specially developed PMMS lens ensures uniform illumination of the pictograph. With numerous installation options, two recognition ranges and easy installation, the cost-effective LED emergency sign luminaire boasts application-orientated versatility. Two rotating ERI spots featuring a patented lens allow to optionally turn CROSSIGN into an emergency luminaire as well.

Design | EOOS

ONLITE COMSIGN 150

The peak of LED technology

The new COMSIGN generation perfects what has already been well-received: the transparent acrylic glass is now even more light-weight, while the high-quality aluminium attachment enhances the delicate design. Aesthetic and functional aspects are met by the gently curving wedge design. A luminance level of 500 cd/m² provides especially uniform illumination. Combined with the qualities of LED technology – extra-long service life at constant light output – this COMSIGN emergency sign luminaire boasts a special talent for low operating costs.

Design | EOOS



ONLITE emergency sign luminaires

Valuable first aiders in an emergency



ONLITE CUBESIGN 210
Surface-mounted on ceiling



ONLITE ARTSIGN ceiling-recessed



ONLITE ECOSIGN surface-mounted on ceiling

ONLITE CUBESIGN 210

Escape sign cube for large-scale marking of escape routes

Due to the pictographs printed on three sides, the emergency sign luminaires are perfectly suited for halls and rooms with high ceilings. With a viewing range of 42 metres, ONLITE CUBESIGN exploits the advantages of modern LED technology for long and energy-efficient operation.

ONLITE ARTSIGN

A design sensation in its own right

ARTSIGN is the smallest emergency sign luminaire in the ONLITE range. With a recognition range of 15 m, it is about the size of a postcard and blends harmoniously into any room. High power LEDs ensure a long service life and virtually no maintenance, so that ARTSIGN will operate reliably for many years.

Design | Matteo Thun

ONLITE ECOSIGN

The highly flexible all-rounder

The all-rounder in the ONLITE range combines all practical qualities in one luminaire. Whether in harsh climates or unprotected areas – thanks to IP65 protection, ECOSIGN is well-prepared for use in every application. With a recognition range of 32 m and a variety of installation options, the emergency sign luminaire is flexible in every way. No tools are required for maintenance.

Design | Matteo Thun





ONLITE ERGOSIGN surface-mounted on wall

ONLITE SQUARESIGN 300+
Surface-mounted on wall**ONLITE ERGOSIGN**

Frameless emergency sign luminaire

The classic among emergency sign luminaires is now available in the new LED design. The volume of the ERGOSIGN surface-mounted luminaire has been reduced by two thirds as compared to the previous model, although the recognition range is still the same (16 m). It is therefore particularly frequently installed above escape doors. Its compact size combined with easy installation and an attractive price make ERGOSIGN a perfect all-rounder.

Design | EOOS**ONLITE SQUARESIGN 300+**

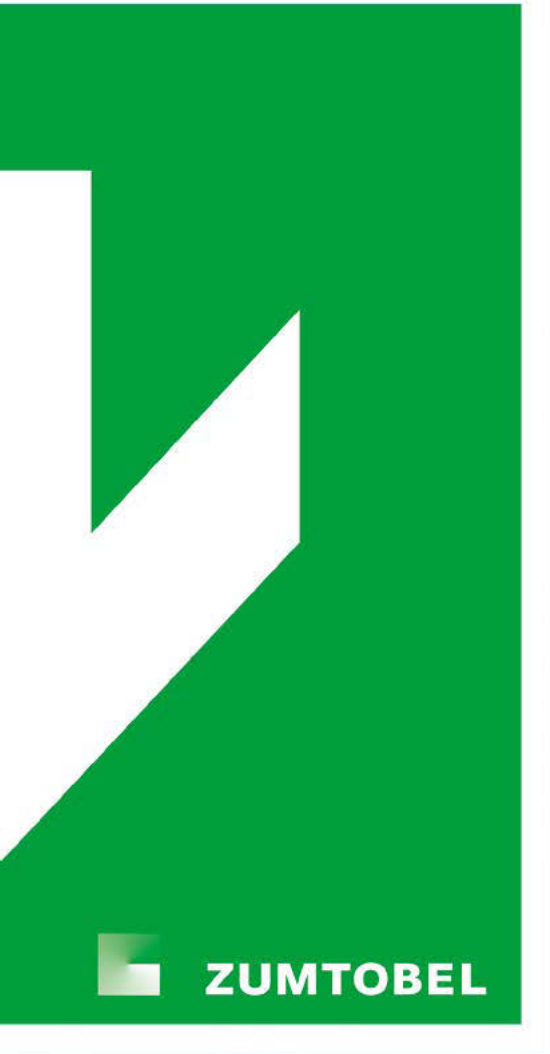
Giants in terms of safety and design

Featuring IP54 protection, the emergency sign luminaires are among the most rugged large-format emergency luminaires. Their high-quality inner workings are well protected against soiling and the ingress of water; only little effort is needed for cleaning and maintenance. SQUARESIGN 300+ achieves a viewing range of 60 metres with evenly distributed LEDs.

zumtobel.com/onlitewebapp

ONLITE emergency sign luminaires

Lighting innovation



Example CROSSIGN 160 front view



Example CROSSIGN 160 side view
Cross-section with a view of the LED lens

Requirements of emergency sign luminaires

Luminance requirements in accordance with DIN 4844

200 cd/m² in mains mode
2 cd/m² in emergency mode

Colour

ISO 7010

Luminance ratio

$5 : 1 \leq \frac{\text{Luminance white}}{\text{Luminance colour}} \leq 15 : 1$

Switch-on delay for required illuminance

Within 5 seconds 50 %
Within 60 seconds 100 %

Uniformity

Luminance in the specific colour $\leq 10 : 1$

LED light source

The LED is a point light source, and yet Zumtobel escape signs are illuminated with perfect uniformity. To optimise luminance and light distribution, Zumtobel takes advantage of decades of experience with lighting technology: special optics ensure that the light is distributed efficiently and uniformly. With the perfectly coordinated interplay of LED light sources, lenses and pictographs, luminaires are produced which – thanks to their uniformity and slender shape – have an appealing appearance and also ensure safety in emergency situations.



Maintenance function

Zumtobel counteracts the natural ageing of LEDs and the drop in luminous flux associated with it throughout their service life with the unique Maintenance function: according to the luminaire's period of service, its luminous flux is continuously adjusted so that it remains constant at all times. Thus, the brightness level available in an emergency remains the same and the level of safety is considerably higher than with standard emergency sign luminaires.

Maintenance functions of Zumtobel emergency sign luminaires

50 000 hours	70 %	80 %
ARTSIGN	•	
COMSIGN 150		•
PURESIGN 150		•
CROSSIGN 110 / 160		•
ECOSIGN	•	
ERGOSIGN	•	
CUBESIGN 210	•	
SQUARESIGN 300+	•	

No Maintenance function available for CUBESIGN 450 and SQUARESIGN 600

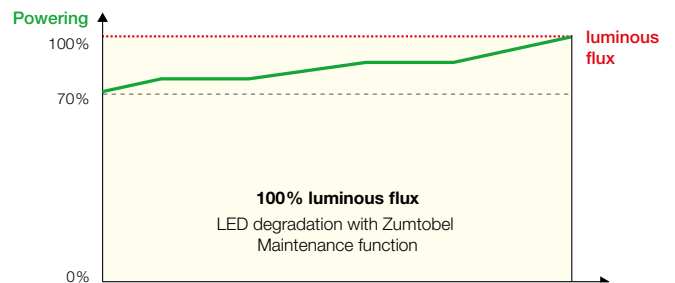
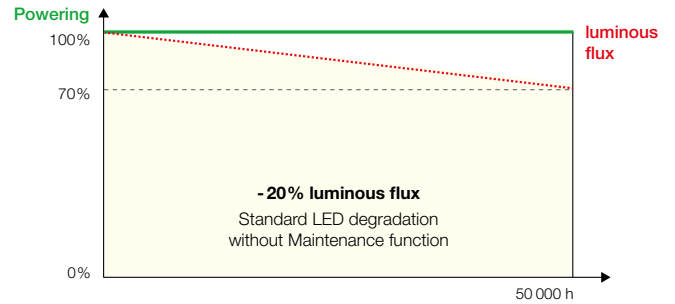


Illustration of the pictograph with a luminance level of 2 cd/m²



Illustration of the pictograph with a luminance level of 200 cd/m²

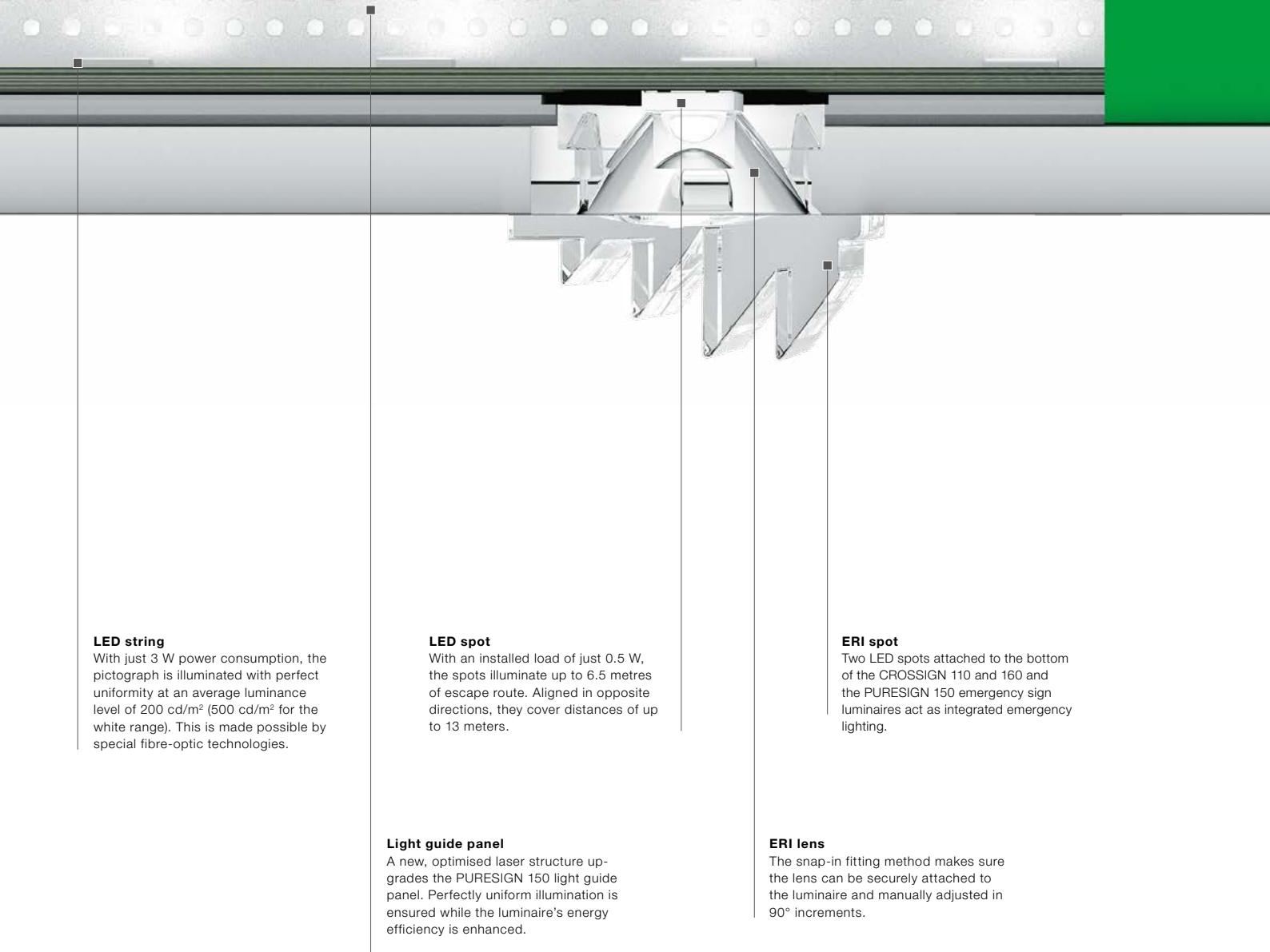
Luminance

In most European countries, an average luminance level of 2 cd/m² is sufficient to mark escape routes according to relevant standards. Only Germany specifies an average luminance level of 200 cd/m² or 500 cd/m² in the white range. In order to ensure maximum safety, Zumtobel offers this luminance level increased by a factor of 100 for all emergency sign luminaires.



ONLITE emergency sign luminaires

Rotating ERI spot



LED string

With just 3 W power consumption, the pictograph is illuminated with perfect uniformity at an average luminance level of 200 cd/m² (500 cd/m² for the white range). This is made possible by special fibre-optic technologies.

LED spot

With an installed load of just 0.5 W, the spots illuminate up to 6.5 metres of escape route. Aligned in opposite directions, they cover distances of up to 13 metres.

ERI spot

Two LED spots attached to the bottom of the CROSSIGN 110 and 160 and the PURESIGN 150 emergency sign luminaires act as integrated emergency lighting.

Light guide panel

A new, optimised laser structure upgrades the PURESIGN 150 light guide panel. Perfectly uniform illumination is ensured while the luminaire's energy efficiency is enhanced.

ERI lens

The snap-in fitting method makes sure the lens can be securely attached to the luminaire and manually adjusted in 90° increments.

Finding your way safely in an emergency

The ERI spot is an energy-efficient LED spot combined with a patented lens. This lens focuses the light emitted by the 0.5 W LED to form incredibly powerful lighting cones, which rotate easily to adapt to any building situation. Specially developed for the PURESIGN 150 and the CROSSIGN 110 and 160 luminaires, this lens also directs the light for optimum escape route illumination. In this way, escape sign and emergency luminaires become one product. In many cases, no extra emergency luminaires are needed. The ERI lenses illuminate escape routes up to 13 metres in length.

Rotating lens

Luminaires with ERI spots feature two rotating lenses on the bottom, which can be manually adjusted in 90° increments. The lighting cones can therefore be aligned to the escape route and adjusted locally to the building situation. Irrespective of whether the luminaire is fixed in a corner or above intersecting escape routes, the light beam can be optimised and adjusted with a flick of the wrist.



Shown in original size





ERI lenses are aligned in opposite directions with an offset of 90° in the diagram.

Lenses aligned in same direction*

h	0.5 lx a1	1.0 lx a1	2.0 lx a1	5.0 lx a1
2.0		7.1	5.8	0.1
2.2		7.0	5.9	0.2
2.4		7.3	6.0	
2.6		7.6	6.2	
2.8		7.9	6.3	
3.0		8.1	6.4	
3.2		8.3	0.7	
3.4		8.5	0.6	
3.6		8.6	0.5	
3.8		8.8	0.4	
4.0		8.9	0.3	

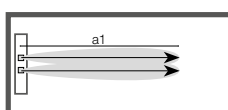
Lenses aligned in opposite directions – offset by 90° or 180°*

h	0.5 lx a1	1.0 lx a1	2.0 lx a1
2.0	6.70	5.65	4.50
2.2	7.10	5.75	4.55
2.4	7.40	6.10	2.80
2.6	7.65	6.20	0.75
2.8	7.90	6.35	0.60
3.0	8.20	6.40	0.50
3.2	8.30	6.40	0.45
3.4	8.55	3.80	0.40
3.6	8.75	1.00	0.25
3.8	8.85	0.75	
4.0	8.95	0.75	

* Values at a maintenance factor of 0.8.
All details given in metres (m).

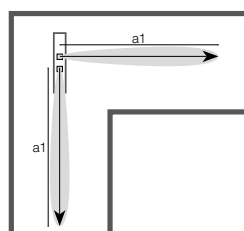
Lenses aligned in the same direction

If both lenses are aligned in the same direction, the light from the individual ERI spots is intensified. Depending on the ceiling height, up to 9 metres of escape route are illuminated.



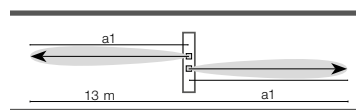
Lenses aligned in opposite directions – offset by 90°

Aligned at right angles, the ERI spots can be used to illuminate intersecting escape routes for up to 6.4 metres.



Lenses aligned in opposite directions – offset by 180°

Aligned in opposite directions, the two ERI spots illuminate up to 13 metres of escape route. No additional emergency luminaires are needed.



ONLITE emergency sign luminaires

Product overview

ED
Ceiling-recessed

AD
Surface-mounted
on ceiling

TEC
TECTON continuous-row
system

ESI
Ceiling-recessed, cord

ARTSIGN

IP40
15 m | Non-compliant with VKF (Switzerland)
3.2 W



COMSIGN 150

IP42
30 m
4.5 W



PURESIGN 150

IP42
30 m
4.5 W



CROSSIGN 110

IP42
22 m | Non-compliant with VKF (Switzerland)
5 W



CROSSIGN 160

IP54
32 m
6 W



ECOSIGN

IP65
32 m
6 W



ERGO SIGN

IP54
16 m | Non-compliant with VKF (Switzerland)
3 W



CUBESIGN 210

IP40
42 m
11.5 W



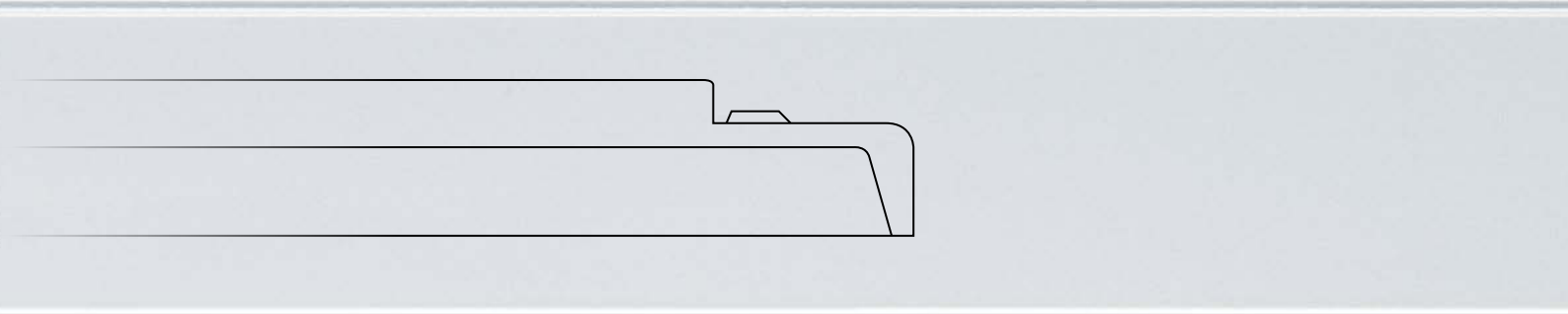
SQUARESIGN 300+

IP54
60 m
7 W



General-lighting luminaires as emergency luminaires

Integration of emergency lighting



Separate-battery supply

For emergency lighting integrated into the general lighting system with separate-battery supply (emergency sets), Zumtobel offers ready-to-use luminaires. In contrast to luminaires converted by the operator, compliance to standards is guaranteed in this case. The emergency sets are connected via DALI to an ONLITE local SB 128 controller.

ONLITE local emergency sets

The emergency lighting sets for general-lighting luminaires consist of an emergency lighting control unit and a battery. In contrast to the RESCLITE emergency set, the light source of the general-lighting luminaire is used for emergency lighting in this case. The ONLITE local emergency sets are available for operation periods of one or three hours.





Central-battery supply

A symbiosis of general and emergency lighting

Nearly all general-lighting luminaires by Zumtobel are also available with integrated emergency lighting. This double function scores a hit both for reasons of aesthetics, as it ensures a consistent design, and because of reduced installation efforts. Zumtobel offers these double-function luminaires also for central-battery supply. In contrast to retrofitted luminaires, compliance to standards is guaranteed in this case.

LDE luminaires

Luminaires with LDE in their article designation are suitable for supply via central-battery systems and can be dimmed via DALI and DSI. LDE luminaires also have a built-in switchDIM function. Installations with one or two luminaires can thus be dimmed directly via simple momentary-action switches.

Assured range of functions

- Adjustable DC emergency lighting level (supply condition specified on data sheet)
- DALI
- DSI
- switchDIM

LDO luminaires

General-lighting luminaires with the article designation LDO (formerly LDE DO) are dimmable via DALI. DC voltage operation and use in emergency lighting systems are not possible or possible to a limited extent only, depending on the luminaire.

Assured range of functions

- DALI
- Not DC compatible or only with limited DC compatibility

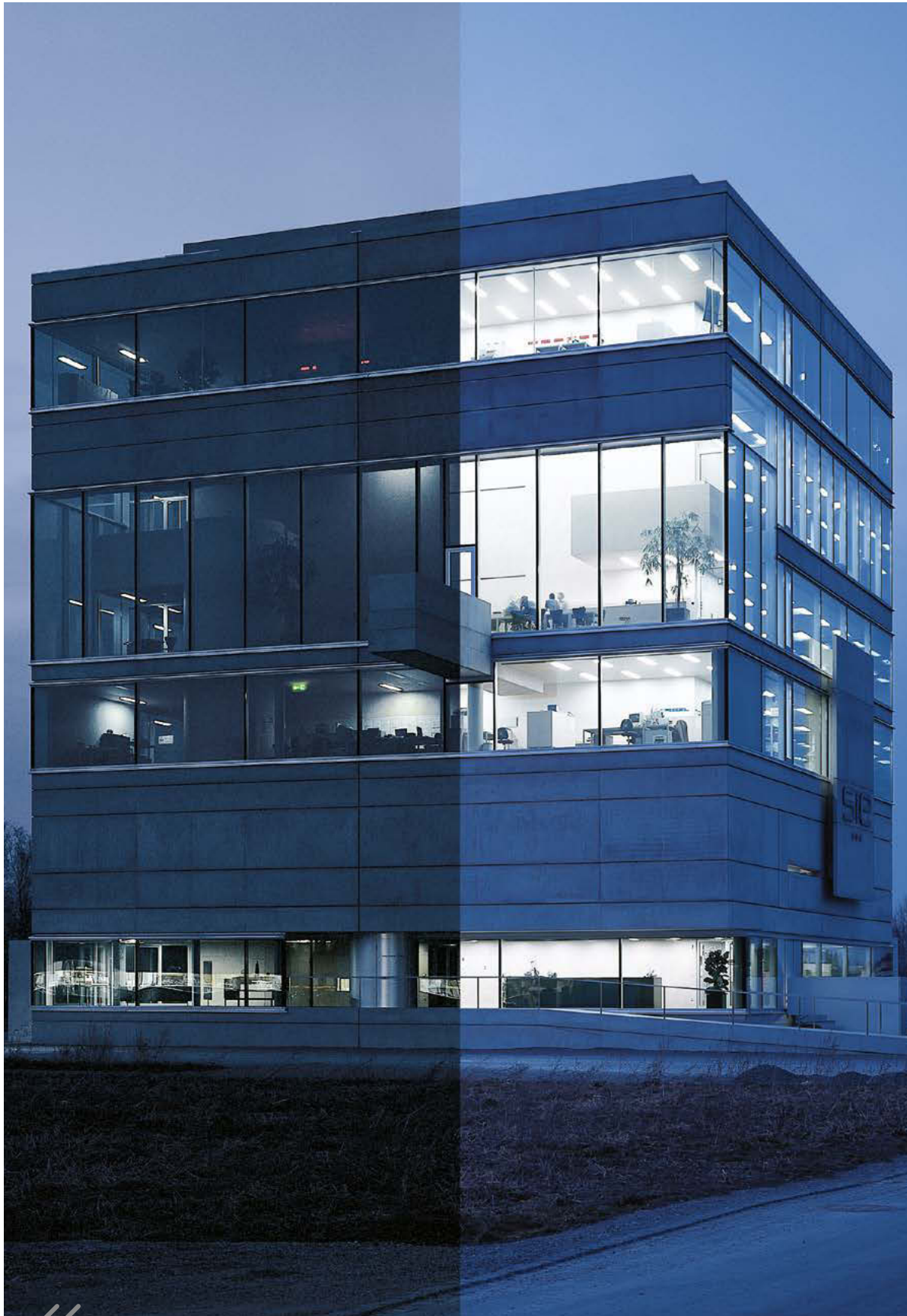
PCL DALI interface control unit

This emergency lighting control unit enables general-lighting luminaires that were previously unsuitable for emergency lighting to be integrated into central-battery systems and used as emergency luminaires in critical situations.



ONLITE emergency lighting systems

Overview



Emergency lighting system matched to the building’s size and use

For each luminaire, an appropriate ONLITE emergency lighting system for addressing, configuration and testing of proper operation is available. The monitoring and supply systems can also be combined with Zumtobel lighting control systems. This makes management easier: emergency luminaires can be configured more quickly, and the whole system is displayed at a central location.

ONLITE local separate-battery supply

- NT1 Internal battery for 1-hour power supply*
- NT3 Internal battery for 3-hour power supply*

ONLITE central central-battery supply

- NSI Central battery and communication via Powerline**
- NDA Central battery and communication via DALI
- NPS Central battery, no communication

* Communication via DALI possible

** Communication only via ONLITE central eBox

The appropriate monitoring and supply system



General-lighting luminaires as emergency luminaires

	LDE	-	- ¹	o ²	•	•
	LDE TW	-	- ¹	o ²	•	o ⁴
	LDO	-	-	o ^{2,3}	o ³	•

Emergency and emergency sign luminaires

	NT1	•	•	-	-	• ⁵
	NT3	•	•	-	-	• ⁵
	NDA	-	- ¹	•	•	• ⁶
	NPS	-	-	o ²	• ²	o ⁷
	NSI	-	-	•	-	o ⁸

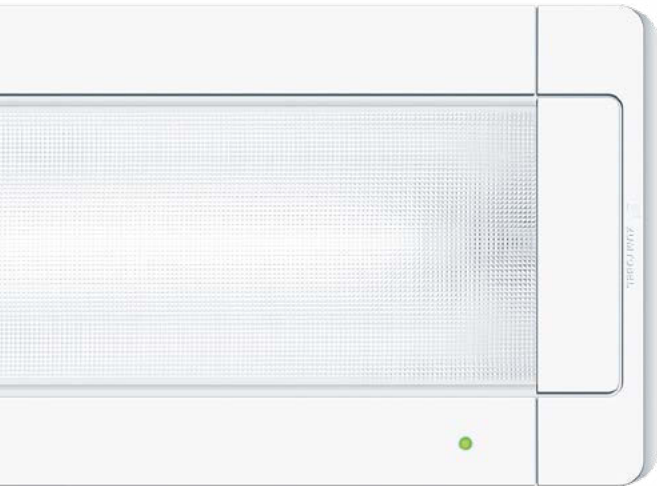
- fully compatible, therefore fully functional
- o not fully compatible, but functional
- not compatible, does not work

- 1 Only with compatible converters and separate NT1 or NT3 battery
- 2 Circuit monitoring only; mixed operation with separate-battery and circuit monitoring is not possible via one controller
- 3 Dimming not permitted in DC mode
- 4 Only possible with tunableWhite luminaires controlled according to DALI DT8 / 2010
- 5 With LUXMATE LITENET only
- 6 Can be used with LUXMATE LITENET combined with a CPS unit, if DC level is set at luminaires
- 7 ONLITE central CPS or ONLITE central eBox central supply
- 8 ONLITE central eBox central supply

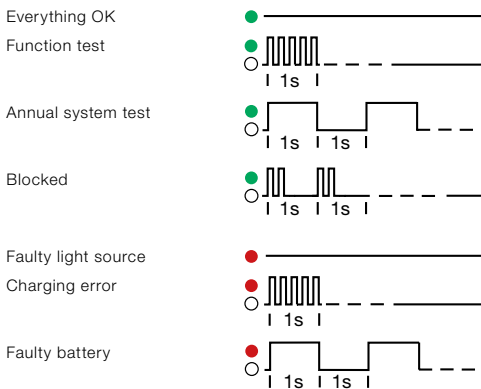


ONLITE local

Comparison of auto test and control test



LED status display



Functions

- Pre-programmed test cycles
- LED status display
- Switching method to be selected
- Possibility of starting a manual test using a momentary-action switch

Benefits

- Automated running of weekly function tests and annual system tests
- Reduced testing effort
- No need to actuate buttons on hard-to-access luminaires
- Ideal for small-scale installations

Auto test

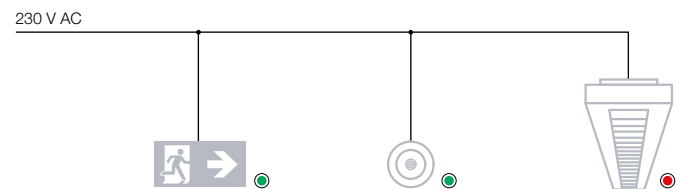
Separate-battery luminaires with automated test cycles. NT luminaires not linked to an SB 128 controller will automatically perform the prescribed annual system tests and function tests. The tests will be performed according to pre-programmed test cycles. The luminaire status will be indicated by a bicoloured LED at the luminaire. Thus, luminaire tests are reduced to checking the luminaire status displays and manually keeping a test log book.

Tasks of the maintenance officer

Inspection round for checking LED status displays, keeping a test log book (date and time of running tests cannot be changed).

Automated test cycles

As soon as the luminaire has been connected to the mains supply, the battery is charged. Once the battery is fully charged, a function test lasting roughly 30 seconds is run automatically. The luminaire then switches back to normal mode. Connection to the mains supply initialises the timer: it starts to count and triggers the function test once a week and the annual system test once a year in accordance with the programmed intervals.



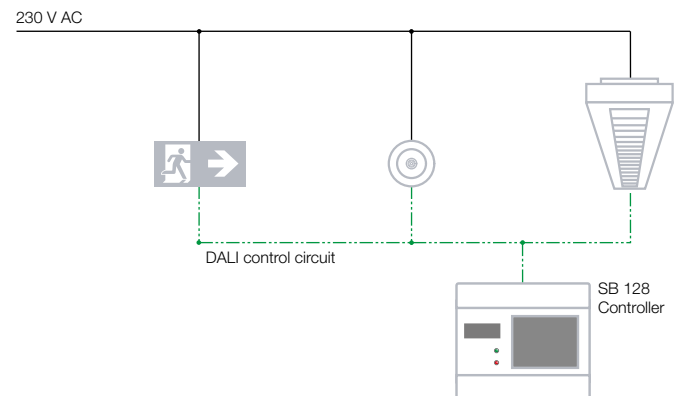


Control test

Separate-battery luminaires with central monitoring by an SB 128 controller. Where ONLITE and NT emergency luminaires are connected to the controller via a DALI control line, the controller takes over central control and monitoring of the entire emergency lighting system. It is no longer necessary to check each luminaire separately on site. All faults will be immediately reported and stored in the electronic test log book for at least three years.

Tasks of the maintenance officer

A quick glance at the display of the controller shows: "Everything is all right, all tests have been run". Errors such as faulty light sources will be clearly displayed indicating the cause and position of the luminaire.



Functions

- Central monitoring, configuration and control of emergency lighting system
- Test cycles can be programmed as required
- Fully automated monitoring of luminaires
- Automated documentation of test results
- Test logs are stored for at least three years
- Test log book can easily be read out via IR interface
- Remote display of system status
- Configuration of switching type at the controller
- Optional integration into lighting management systems

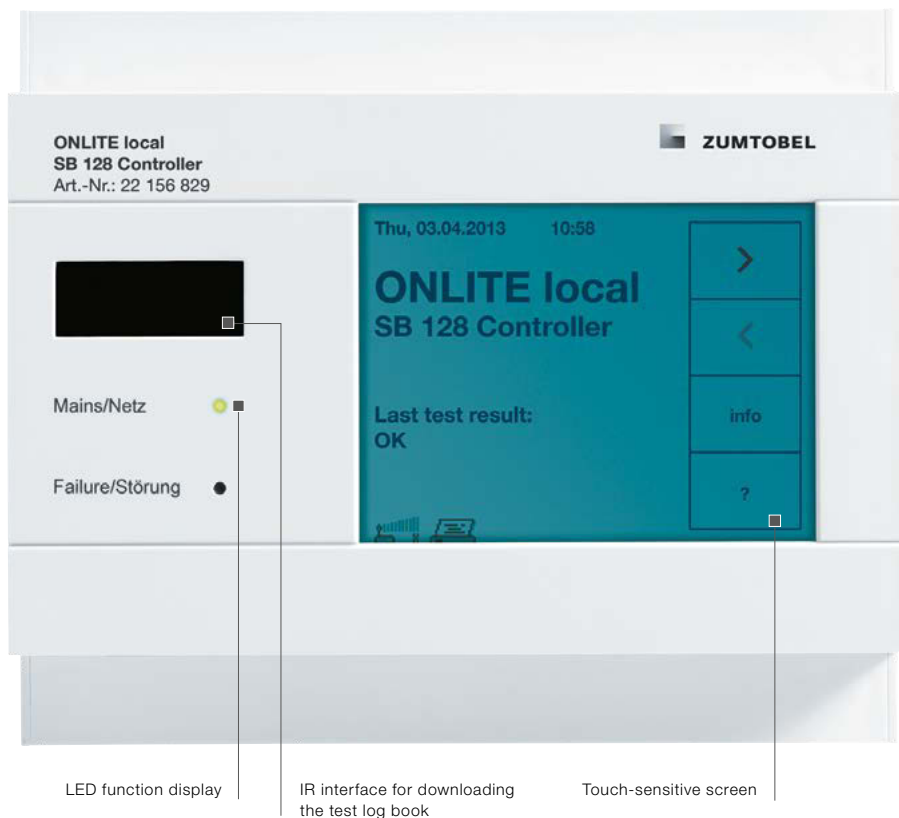
Benefits

- Minimum testing effort
- Automated test log book
- Eliminates need for maintenance technician to do inspection rounds
- Alerting in event of faults
- Maximum functional reliability
- Reduced maintenance effort
- No need to actuate buttons on hard-to-access luminaires
- Suitable for installations of all sizes



ONLITE local

SB 128 controller performs monitoring, visualisation and documentation tasks



The emergency lighting system is much more convenient and safer to monitor if it is linked to the system via a DALI control line and an SB 128 controller has been connected to the system. The status of all luminaires is shown at the controller, all messages such as light source or battery faults are recorded centrally and stored in the test log book. Thus, the controller is fully responsible for the emergency lighting system.

Easy operation

- Very easy commissioning and addressing of the entire emergency lighting system – by just one person
- Easy control via touch screen
- Clear and logical menu guidance
- Monitoring of 128 luminaires, can be extended to 256 luminaires using an extender

Automated tests and test logs

- Test log book where the test results are centrally stored for at least three years
- Dates and times of test cycles can be programmed as required
- Possibility of starting the test functions manually via the controller

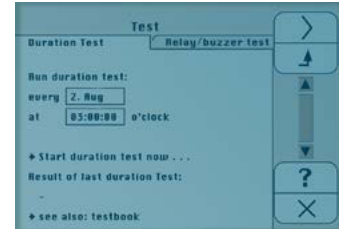
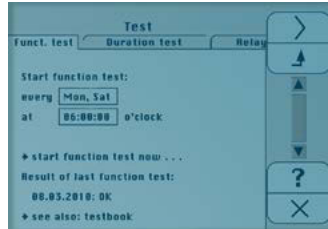
Large number of functions

- Visualisation of all luminaires, configuration including designation and addressing
- Switching type can be selected individually for every ONLITE luminaire
- Freely programmable signalling contacts and acoustic error feedback
- System can be blocked for service work



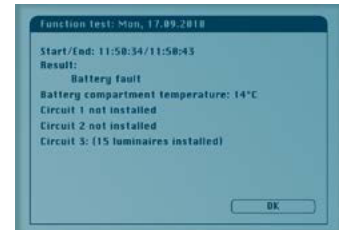
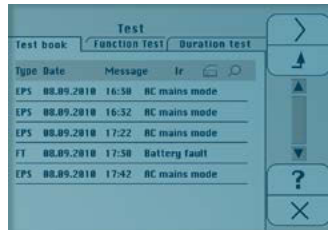
Programmable testing cycles

Dates and times of all function tests and annual system tests can be programmed as required. Annoying test runs, e.g. during a film screening at the cinema, are therefore excluded.



Electronic test log book

All function tests and annual system tests are documented, recorded and stored in the electronic test log book of the SB 128 controller for at least three years. The test log book can be read out at any time via an IR or RS-232 interface.



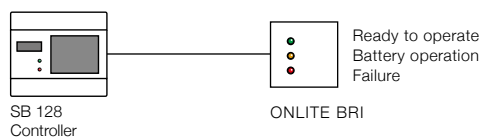
IR interface

The SB 128 controller features an IR interface for transferring the data from the test log. The test log can be conveniently transferred to a mobile phone, PDA or PC or printed using the portable IR printer.



Freely programmable signalling contacts

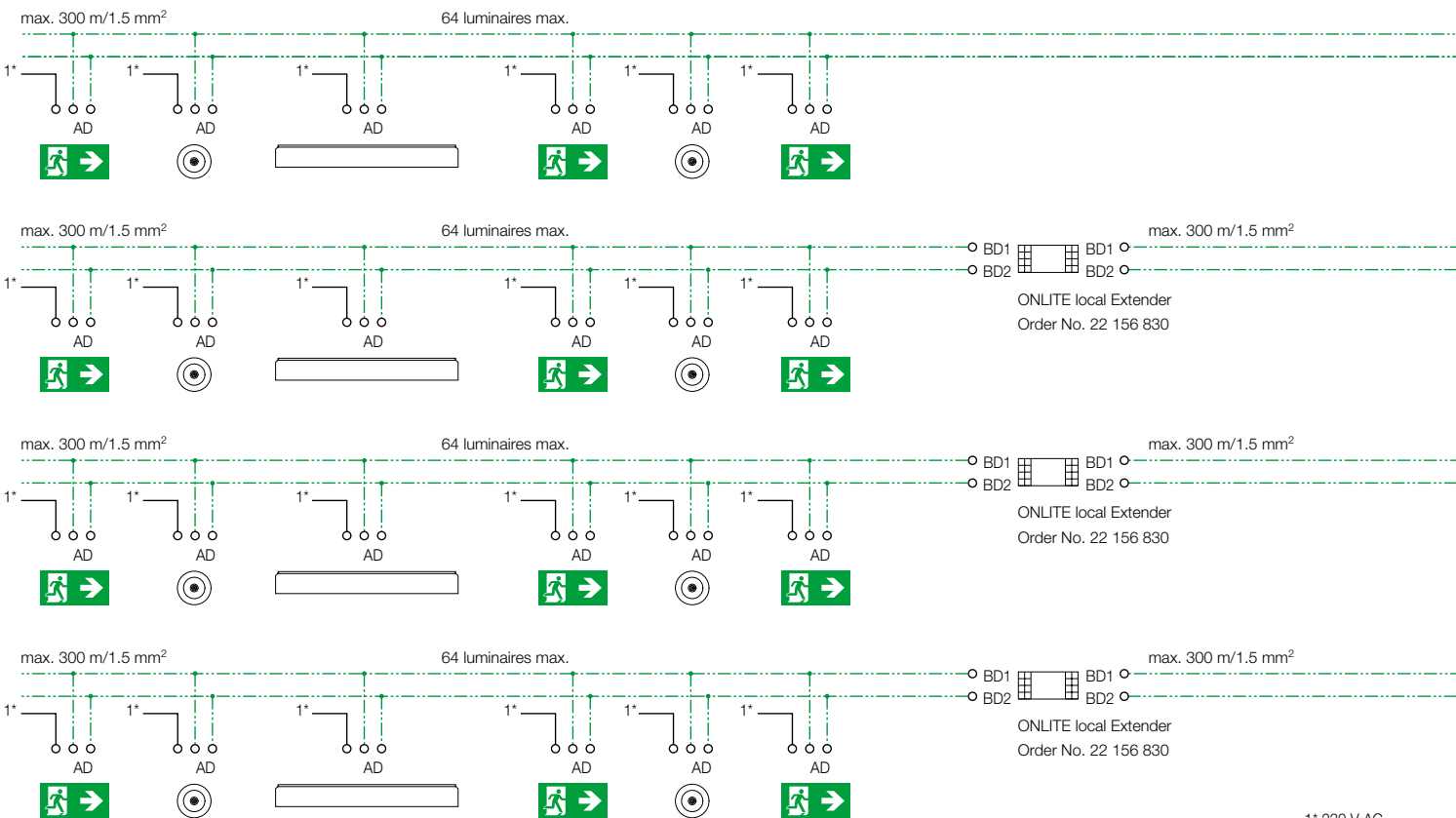
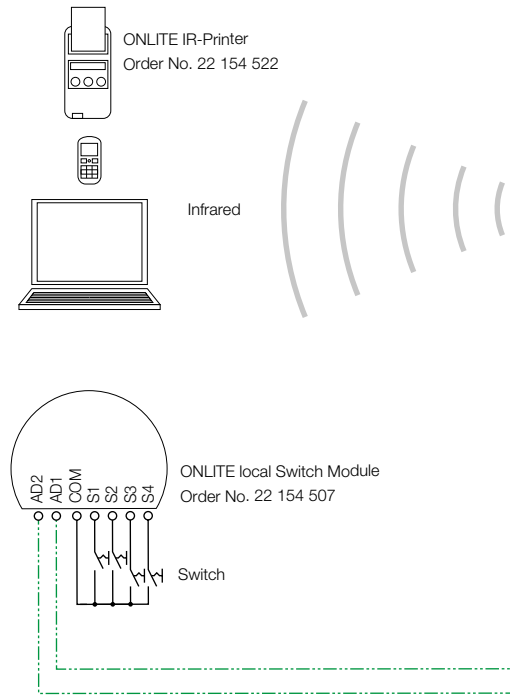
The three floating signalling contacts at the SB 128 controller can be freely programmed. They can, for instance, be used for remote display of the system status.



ONLITE local

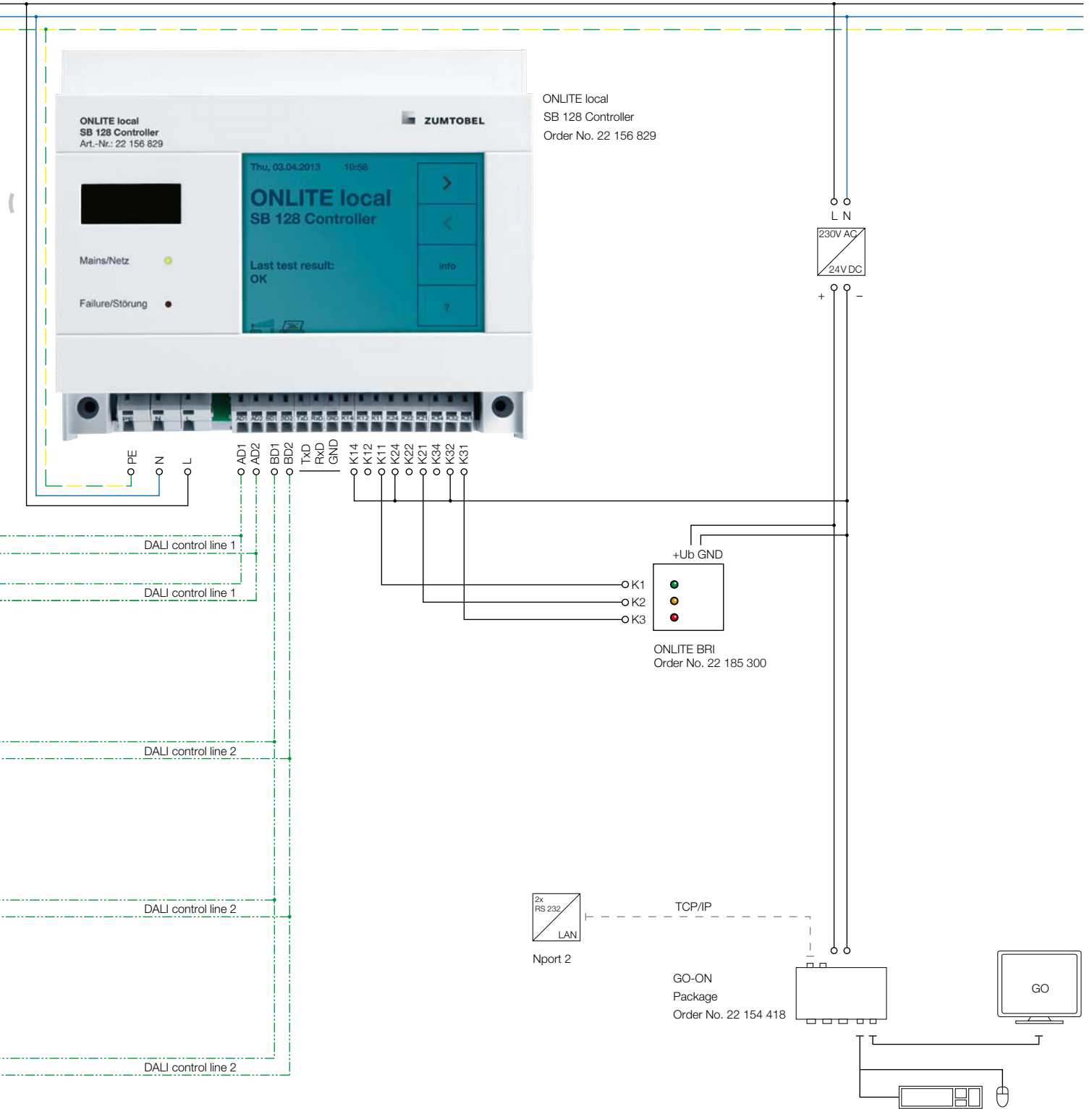
Control test system topology

Mains 230 V/50 HZ
 L
 N
 PE



1* 230 V AC
 Continuous phase





ONLITE central

Overview

System with limited output

< 1500 W for 1 h emergency operation

< 500 W for 3 h emergency operation

ONLITE central eBox

The centrally supplied emergency lighting system is perfectly adjusted to the specific characteristics of LED luminaires – and twice as energy-efficient: if energy-saving luminaires are connected, ONLITE central eBox scores through low system power. Thus, the emergency lighting system supplies luminaires with a total installed load of 1500 W for one hour, luminaires with a total of 500 W for three hours. Several systems can be linked quite easily.

- Maximised number of output circuits
- Modular input and output modules for maximum flexibility
- Combination of various monitoring modes such as DALI, Powerline, circuit monitoring within one system
- Mixed operation is possible: maintained mode, non-maintained mode
- Ideal for use in fire compartments

Central power supply systems

Open-ended systems,
independent from output

ONLITE central eBox

Providing for optimum adjustment to modern LED luminaires, several systems are simply linked to each other within the centrally supplied ONLITE central eBox emergency lighting system. In the process, the modular input and output modules acquire maximum flexibility.

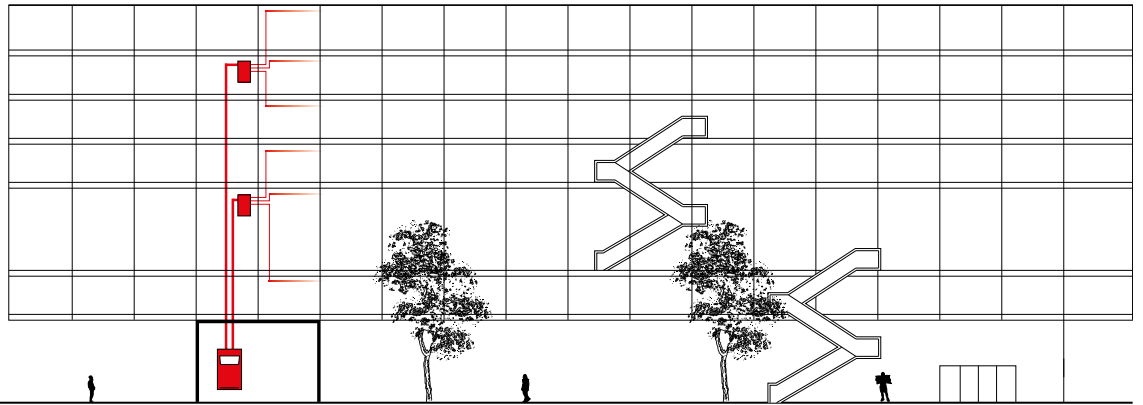
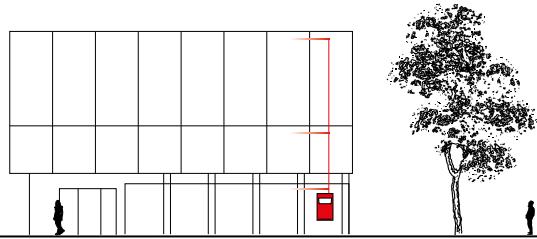
- SUB distribution boards for short final circuits
- Reduced energy consumption, lower battery capacity
- Combination of various monitoring modes such as DALI, Powerline and circuit monitoring within one system
- Mixed operation is possible: maintained mode, non-maintained mode, switched permanent light (L')
- Ideal for supplying several fire compartments

ONLITE central CPS

With DALI monitoring as standard, a flexible design of up to 300 circuits is possible, and up to 6000 emergency and escape sign luminaires can be integrated into the system.

- Visualisation via Web browser
- High output power both in AC and in DC operation





ONLITE central eBox

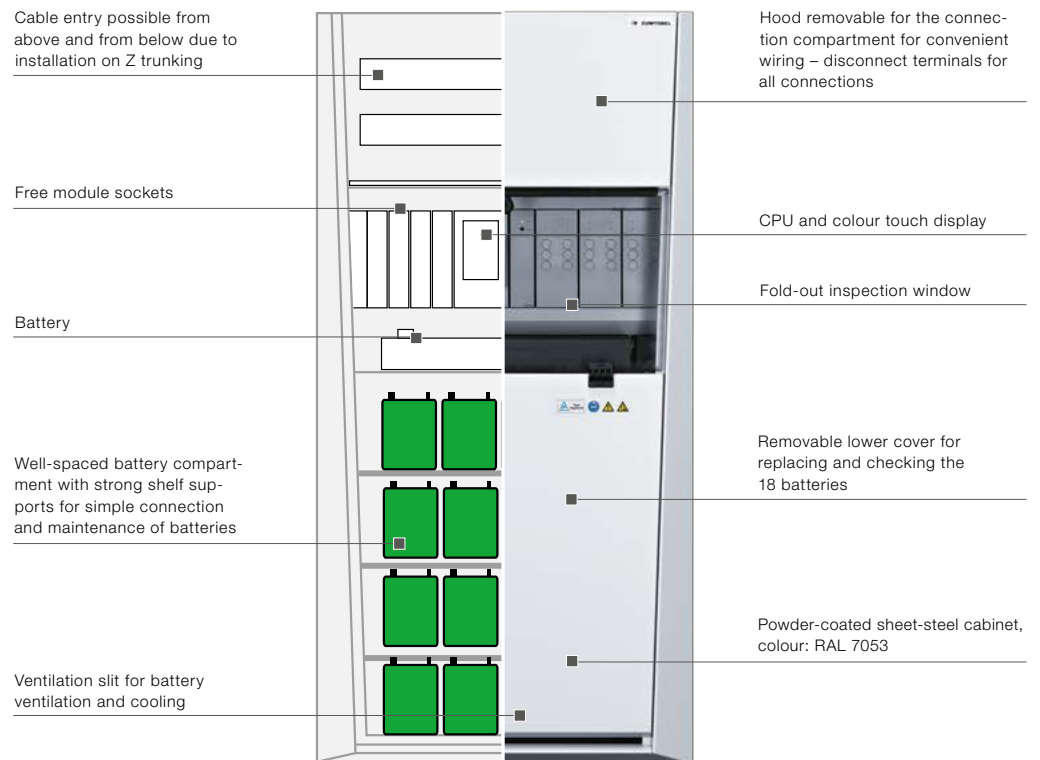
Central emergency power supply system



The ONLITE central eBox is perfectly adjusted to Zumtobel LED emergency and emergency sign luminaires. Thanks to its convenient structure and modular plug-in technology, the central emergency power supply system can be used very flexibly. Another benefit: convenient handling thanks to straightforward installation, optional cable entry from above and from below, and a large cable clamp compartment.

Without any additional software, up to 10 000 luminaires or 100 emergency lighting systems can be visualised via the Web-browser interface. This facilitates maintenance. Moreover, the labelling fields provided on the ONLITE central eBox allow individual designations and, thanks to the special hood concept, the device can be opened easily without requiring much space.





Is ONLITE central eBox an “LPS” or a “CPS” system?

ONLITE central eBox is both: it is a small LPS (Low Power Supply) system, but it is also a player in the big league of CPS (Central Power Supply) systems. The system meets all requirements of LPS and CPS according to EN 50171 and accordingly is perfectly suitable for use in very small projects as well as in large-scale projects.

* LPS (Low Power Supply) system according to EN 50171; max. 1500 W for 1 h emergency operation and 500 W for 3 h emergency operation

** CPS (Central Power Supply) system according to EN 50171; Open-ended systems, independent of power rating

High level of safety

- Heartbeat-monitored bus phase detectors
- Fire loads reduced by as much as 70 % thanks to shorter cable lengths and SUB distribution boards
- Individual failure or error notification
- System status displayed via web-browser-based user interface is always up to date

Efficient intelligence

- over battery capacities due to flexible programming of emergency lighting levels
- DALI compatibility ensures straightforward, inexpensive integration into the general lighting system
- Built-in DALI memory function for DALI lighting management without any additional hardware components
- Each circuit with learning function

Easy installation

- Communication via Powerline (mains cable) or DALI
- Not required: fire-proof cabling within a fire compartment
- 30 % less installation effort because the overall system is divided between SUB distribution boards
- Quick commissioning thanks to WIZARD-based menu



ONLITE central eBox

System overview



eBox MS 1700
Main station



eBox MS 1200
Main station

Circuits (max. 20 luminaires)	30 in total (6 internal, 24 external for SUB with 3 double circuits each)	30 in total (6 internal, 24 external for SUB with 3 double circuits each)
Maximum number of luminaires depending on the available battery capacity ¹⁾	600 overall 120 internal 120 per SUB external	600 overall 120 internal 120 per SUB external
Mains connection	3-pole (L/N/PE) 230/240 V ± 10% max. 5500 VA output in case of full capacity	3-pole (L/N/PE) 230/240 V ± 10% max. 5500 VA output in case of full capacity
System bus connection	2-pole cable min. 2 x 0.75 mm ²	2-pole cable min. 2 x 0.75 mm ²
Mains operation Total AC output power	5000 VA per SCM 1000 VA	5000 VA per SCM 1000 VA
Emergency operation e.g. 1 h duration Battery output DC total ¹⁾	2730 W at 24 Ah ²⁾ accommodated in the cabinet max. 750 W per SCM / 200 W per circuit	1215 W at 12 Ah ²⁾ accommodated in the cabinet max. 750 W per SCM / 200 W per circuit

The ONLITE central eBox range is perfectly adjusted and accordingly very convenient and flexible: for each application, the right basic housing is available in a functional design. The main station is modular and still boasts a compact size for easy assembly. Extremely small SUB stations enable the devices to be used next to the final circuits in any recess, small as it may be. With the optional external modules at the system bus, the functions of each ONLITE central eBox system can be extended individually.

Features

- Total output in emergency mode up to 2730 W for 1 hour emergency operation
- Total output in mains operation up to 5000 VA
- 30 final circuits (OCM)
- 4 external SUB stations (SUB)
- 36 switch inputs (BSIM)
- 9 bus phase detectors (BPD)
- 1 remote display (BRI)
- Web-browser interface for up to 10000 luminaires and 100 systems





eBox SUB E60

Fireproof substation

eBox SUB IP65

Substation

eBox SUB IP20

Substation

	3 OCM modules with 2 output circuits per module	3 OCM modules with 2 output circuits per module	3 OCM modules with 2 output circuits per module
	120	120	120
	5-pole (from the main station L/N/PE/B+/B-)	5-pole (from the main station L/N/PE/B+/B-)	5-pole (from the main station L/N/PE/B+/B-)
	2-pole cable to main station	2-pole cable to main station	2-pole cable to main station
	1000 VA per SUB 420 VA per OCM	1000 VA per SUB 420 VA per OCM	1000 VA per SUB 420 VA per OCM
	max. 750 W per SUB ³⁾ max. 200 W per circuit	max. 750 W per SUB ³⁾ max. 200 W per circuit	max. 750 W per SUB ³⁾ max. 200 W per circuit

¹⁾ Battery power in W depending on nominal duration of battery-powered operation

Battery type	System voltage [V]	Max. DC system output including 25 % ageing reserve as prescribed by the standard (EN 50 171 – 6.12.4)						
		8 h	5 h	3 h	2 h	1 h	0.5 h	
ONLITE central eBox PB / 12 battery								
	7.2 Ah	216	131	178	274	381	656	1085
	12 Ah	216	233	324	487	640	1215	1993
	24 Ah	216	479	697	1040	1490	2730	3750

²⁾ Battery voltage 216 V nominal (189–249 V)

³⁾ DC output power depends on the available battery capacity

SCM – Switch Connection Module

Output power AC	1000 VA
Output power DC	750 W
Fuses (6 x 32 mm)	3 x 8 A
Output voltage AC	230 / 240 V ± 10 %
Max. number of luminaires	120



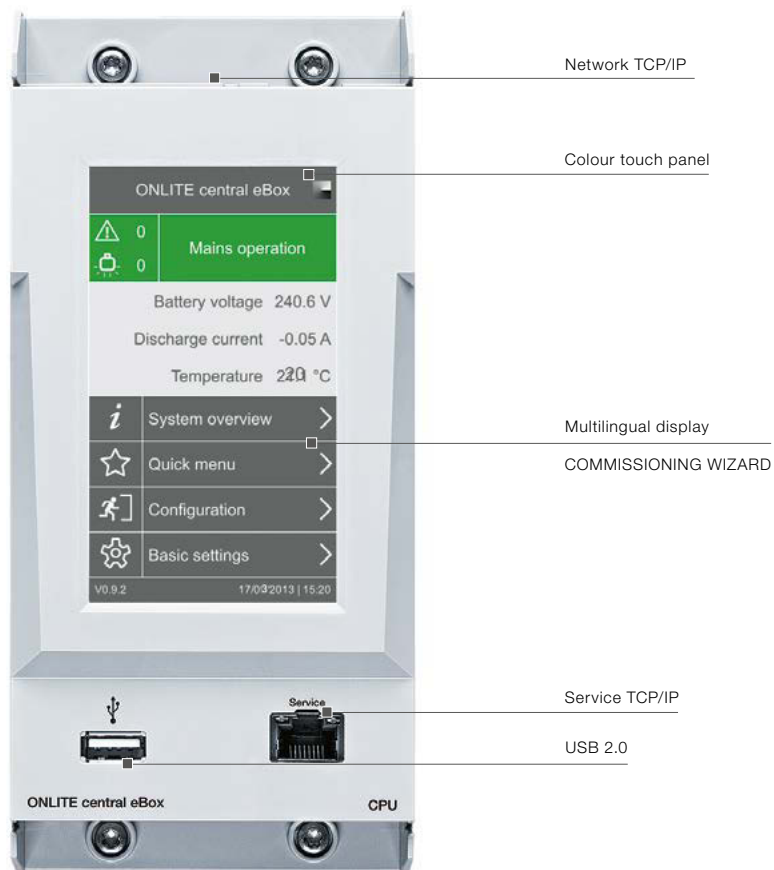
OCM – Output Circuit Module

Output power per circuit AC	420 VA
Output power per circuit DC	200 W
Fuses (6 x 32 mm)	6 x 3.15 A
Output voltage AC	230 / 240 V ± 10 %
Output voltage DC (nominal)	216 V (189–249 V)



ONLITE central eBox

Control, visualisation and networking



CPU – Central Processing Unit

The ONLITE central eBox is the central processor monitoring and visualising the entire emergency lighting system. The colour touch panel with 4.3-inch display cannot fail to impress thanks to its clearly structured user guidance. The WIZARD-based menu supports initial commissioning. Further settings can be made conveniently via a laptop using the service socket combined with TCP/IP connection. The user interface allows to monitor up to 100 emergency lighting systems or 10 000 luminaires without any additional software.

Ethernet – WLAN – Internet – networkability is standard

Every ONLITE central eBox module can be visualised via Ethernet using a web-based browser without the need for any additional software. Thus, the system can be managed remotely from any PC.



ONLITE central eBox and LED systems

By using LED-based emergency luminaires, battery capacities and emergency power supply system dimensions can be considerably reduced. DALI or Powerline can be used for communication between the ONLITE central eBox and the LED luminaires. Individual addressing allows to control and monitor each luminaire individually.

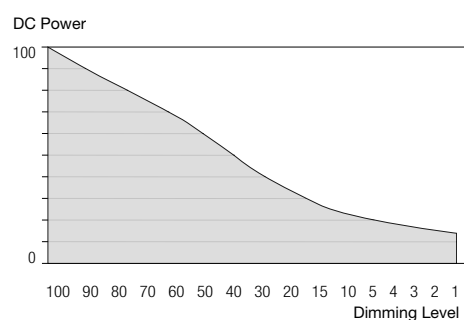


Emergency lighting level at the press of a button

The emergency lighting level is adjusted via a laptop – connected to the ONLITE central eBox – using the web-browser-based user interface. Both Zumtobel LED luminaires with dimmable DALI control gear and ONLITE luminaires with Powerline allow individual definition of dimming levels in emergency operation. The luminous flux of emergency luminaires can then be reduced gradually down to 5% of the general lighting level.

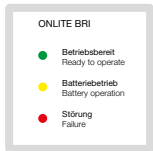
SET DC function

The DC value is defined once upon initial commissioning. Depending on the luminaire type, the command is written via DALI or PLC (Powerline, requires an additional component to be added before the ballast) by means of the Web interface to the ONLITE central eBox and from there directly into the ballast of the respective luminaire, into the non-volatile memory.



ONLITE central eBox

System topology

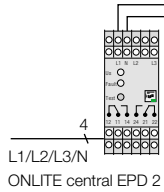


ONLITE BRI remote display
 The module is provided with a remote display for monitoring the operating status of the emergency lighting installation in compliance with EN 50172. The remote display is installed at a superior position in the building and shows the system status at a glance at any time.

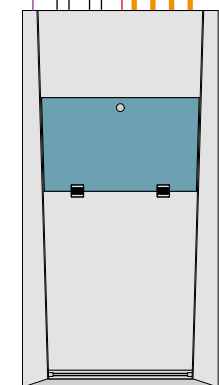
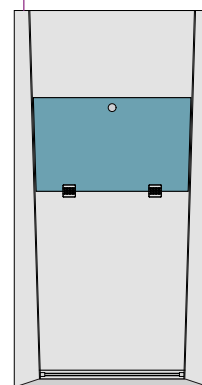
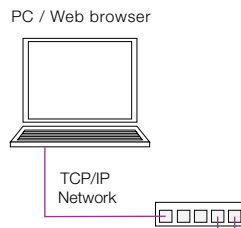
System bus

Individually monitored

Emergency off



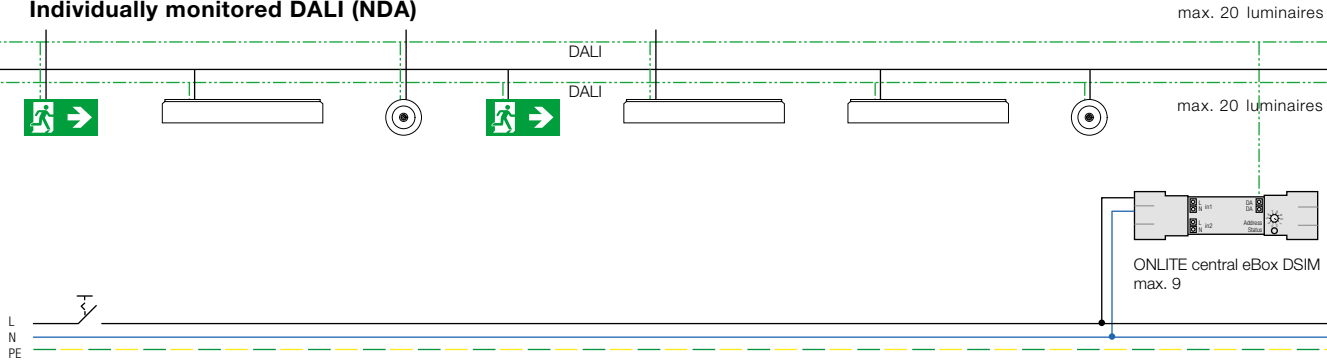
ONLITE central EPD 2 three-phase monitoring module
 The switch cabinet module for DIN rail installation monitors three-phase systems for undervoltage and phase failure. It also detects neutral conductor breaks.



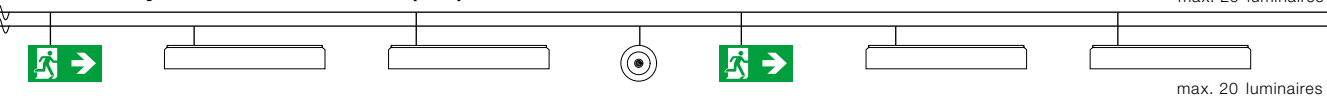
Usually, an eBox system has the following structure:
 The ONLITE central eBox main station is located in a control room and supplies the various substations through risers installed in a fireproof manner. Monitoring is effected by an additional, separately installed system bus (no maintenance of function required) that also allows for external modules to be integrated. Emergency luminaires can conveniently be switched together with the general lighting. Alternatively, fire alarm systems can activate the emergency lighting earlier – before the mains voltage in the building breaks down – via the alarm input of a bus phase detector.



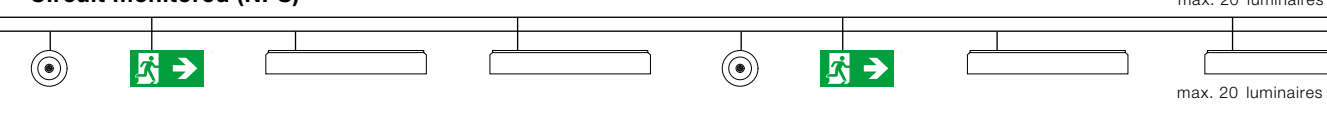
Individually monitored DALI (NDA)



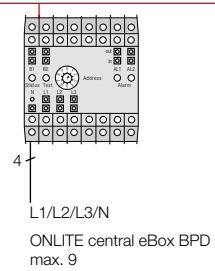
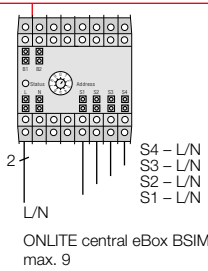
Individually monitored Powerline (NSI)



Circuit monitored (NPS)



ONLITE central eBox
SUB stations
max. 4



2
/
System bus

ONLITE central SUB stations
Depending on requirements, various substations can be selected: the fireproof version of ONLITE central eBox SUB E60 is used where final circuits must be monitored in several fire compartments. The ONLITE central eBox SUB E00 is designed for supplying final circuits without crossing any fire compartments. The ONLITE central eBox SUB IP65 substation performs the same task, only in harsher environmental conditions such as in industrial applications or in underground car parks.

ONLITE central eBox BSIM
Up to nine ONLITE central eBox BSIM units with four switch inputs for mains voltage each can be integrated into an ONLITE central eBox system. The introduction of a "foreign voltage" is prevented at both sides through a bus-compatible switch input module. This is usually accommodated in a sub-distribution board of the general power supply.

ONLITE central eBox BPD
ONLITE central eBox BPD is a bus-compatible phase detector that is supplied with power by two sources: the 3-phase network and the system bus. Up to nine bus phase detectors can be integrated into one ONLITE central eBox system. The eBox BPD module offers fourfold protection.

ONLITE central eBox DSIM
Via the dual mains switch input module, emergency luminaires can be switched jointly with the general lighting system. Via a mains switch input of the general lighting, all DALI emergency luminaires can be assigned to a circuit or lighting group. The benefit of the module is that the DALI signal can be used on a decentralised basis.



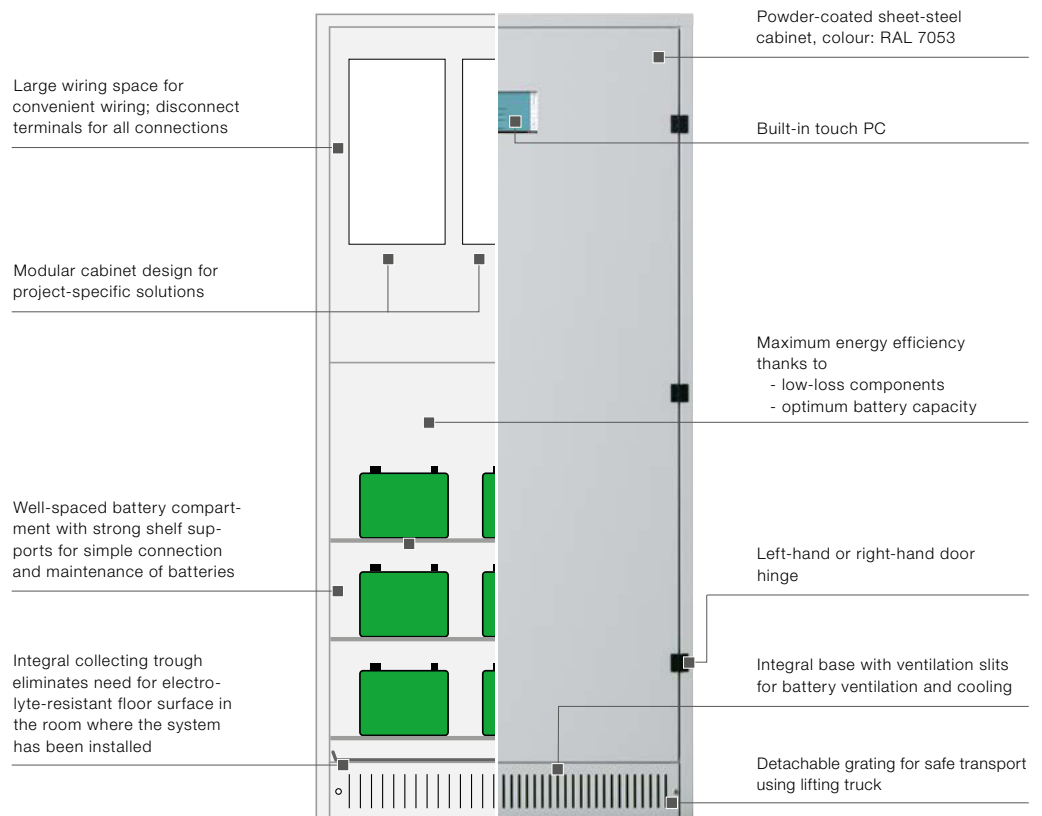
ONLITE central CPS

Customised emergency lighting system



Every central-battery system is designed project-specifically on the basis of a modular system. This produces solutions which are optimised in terms of the cost and functionality of the system. The modular design of ONLITE central CPS guarantees a tailor-made solution for any project and a significantly optimised cost/functionality ratio.





Networkability comes as standard

The ONLITE central CPS emergency lighting system sets new standards in the monitoring and visualisation of building-wide emergency lighting. The entire installation is displayed on a colour touch panel. No more than three touches are required to have luminaire data and status displays available. All events are stored on the built-in SD card for at least three years. For remote monitoring, all system information can be called up via the Internet using web-browser-based software.



Reduced planning effort

- Manageable, clearly structured product range
- Integration into lighting management with resulting significant technical and economic benefits
- Project-specific solutions thanks to modular system
- Full functionality as standard, renders additional software or modules superfluous

Perfect design freedom

- Individual switching mode for each luminaire, even within a single circuit
- Combination of monitoring of circuits and individual luminaires within one system
- Simple project planning thanks to competent design support and extensive design tools

Convenience at every level

- Simple, easily understandable control using removable touch PC
- System information can be called up via the Internet using web browser-based software
- Function tests and annual system tests are run and documented completely automatically



ONLITE central CPS

System overview



CPS K
Compact station



CPS H
Main station

Circuits (max. 20 luminaires)	1) Up to 40 internal + 20 external 2) Up to 20 internal + 140 external	up to 60 internal + 240 external
Maximum number of luminaires	1) 1200 * 2) 3200 *	6000 *
Mains connection	5-pole 3 x 400 V	5-pole 3 x 400 V
Mains operation		
Total AC output power	7–30 kVA	30 kVA
Max. AC output power per circuit	1300 VA	1300 VA
AC output power per 20 circuits (per UVS)	4700 VA	4700 VA
Emergency operation		
Total DC output power	7.6 kW [1 h]* 3.3 kW [3 h]*	22.7 kW [1 h]* 10 kW [3 h]*
Max. DC output power per circuit	1300 W	1300 W
DC output power per 20 circuits (per UVS)	4700 W	4700 W
Back-up time 1–8 h	18 x 12 V / 7–75 Ah accommodated in combined cabinet	18 x 12 V up to 200 Ah accommodated in separate battery cabinet or rack

* Including 25 % reserve capacity (battery ageing)

Every ONLITE central CPS central-battery system offers full functionality in order to comprehensively meet the requirements using as few components as possible. No additional software or modules are needed. There is no need to fit any separate components in the luminaire because every DALI luminaire can be used as an emergency luminaire that can be individually monitored and controlled. This also reduces effort on commissioning, inspecting and maintaining the system. A large removable touch PC is the core of the system.

Features

- Power in emergency mode from 1–30 kW
- Up to 300 circuits, for 20 emergency luminaires each (maximum numbers are based on technical specifications only; all locally applicable laws, standards and regulations must be taken into account)
- Up to 12 external substations per main station (CPS H)
- Mixed operation within one circuit is possible
- Up to 240 (optional) freely assignable switching inputs
- Web-browser-based user interface





CPS U E60
Fireproof substation



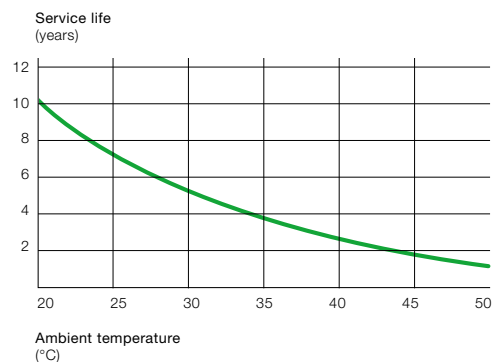
CPS U E00
Substation

	20	20
	4700 VA 1300 VA 4700 VA	4700 VA 1300 VA 4700 VA

Large choice of high-performance block batteries

According to EN 50 272 specifications, reliable OGIv block batteries are required for stationary applications. As sealed, rechargeable batteries with a high discharge rate, these batteries are built in line with the very latest standards. With a design life of over 10 years at 20 °C, they meet EUROBAT requirements for batteries classified as "high performance".

- Grid-type plates with high discharge rate (lead and calcium)
- Absorbent glass mat technology
- Capacity from 7–200 Ah in 12 V blocks
- Housing and cover made of ABS
- Recessed battery terminals with brass core, internally screwable
- Conforms to DIN EN 60896-21:2004
- Extremely low gassing
- Low self-discharge
- 100 % recyclable
- Not classified as dangerous goods for transport by road, rail, air or inland waterway
- Maintenance-free
- Store at 20°C in a cool, clean place for up to 3 months without equalising charge



ONLITE central CPS

Application of monitoring modes

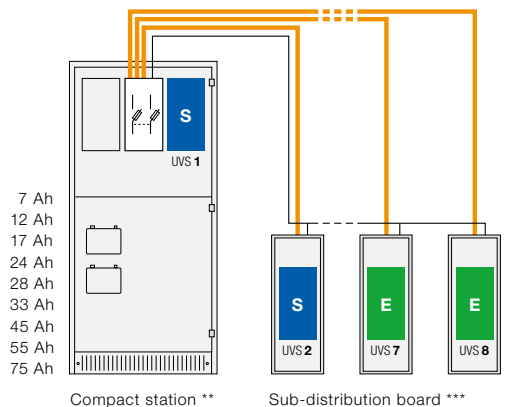
ONLITE central CPS is designed for monitoring both circuits and individual luminaires. Monitoring modules for one to three fields are available. Because of the modular design, these fields can be fitted with modules monitoring circuits or individual luminaires within one installation – in a combination that makes sense for the specific application.

	S	E
	Circuit monitoring	Individual luminaire monitoring
Circuits	1–20	1–20
Number of luminaires*	1–400	1–400
Max. output (W)	4700	4700
Max. output per circuit (W)	1300	1300
Fuse per circuit (A)	10	10
Output terminals (mm ²)	4	4
Digital potential-free inputs	8–16	8–16

- * Maximum numbers are exclusively based on the technical specifications. All locally applicable laws, standards and regulations must be taken into account.
- ** The fields can be fitted with a sub-distribution board for circuit monitoring (S) or individual luminaire monitoring (E).
- *** The sub-distribution boards can be fitted either for circuit monitoring (S) or for individual luminaire monitoring (E).

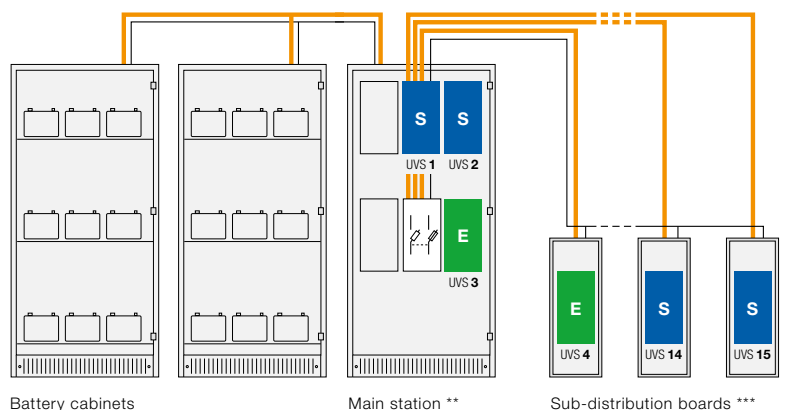
CPS K – the compact station

Besides the internal controller and circuit modules, a battery with a capacity of up to 75 Ah is accommodated in the ONLITE central CPS K main distribution unit of the emergency lighting power supply. Moreover, outgoing fuses for external sub-distribution boards of the emergency lighting system can be integrated as well.



CPS H – the main station

The ONLITE central CPS H main station contains the internal controller and, optionally, internal circuit modules and outgoing circuits to the substations of the emergency lighting system. Batteries are accommodated in external cabinets (output per cabinet up to 150 Ah; no more than 2 cabinets) or on a battery rack. Several self-contained systems can be used where higher outputs (> 25–30 kW) are required.





ONLITE central CPS and general lighting

Every DALI standard luminaire can be used as an emergency luminaire that can be individually controlled and monitored. No additional modules need to be fitted to achieve this, and functionality of the general lighting system is completely preserved. This simplifies project planning, reduces both costs and effort and makes choosing luminaires easy.

Circuit monitoring

Circuit monitoring is especially suitable for spacious buildings. In final circuits with luminaires of similar output levels, even a circuit malfunction of 10% can be detected.

- Easy planning and commissioning
- Use of standard luminaires with electronic ballasts
- Lower investment costs, but restricted functionality

Individual luminaire monitoring

Suitable for buildings with varied illumination. Mainly addressable, switchable and dimmable standard luminaires with DALI ballasts are used.

- Maximum safety
- Lower operating costs
- Perfect functionality

Circuit monitoring with LUXMATE LITENET

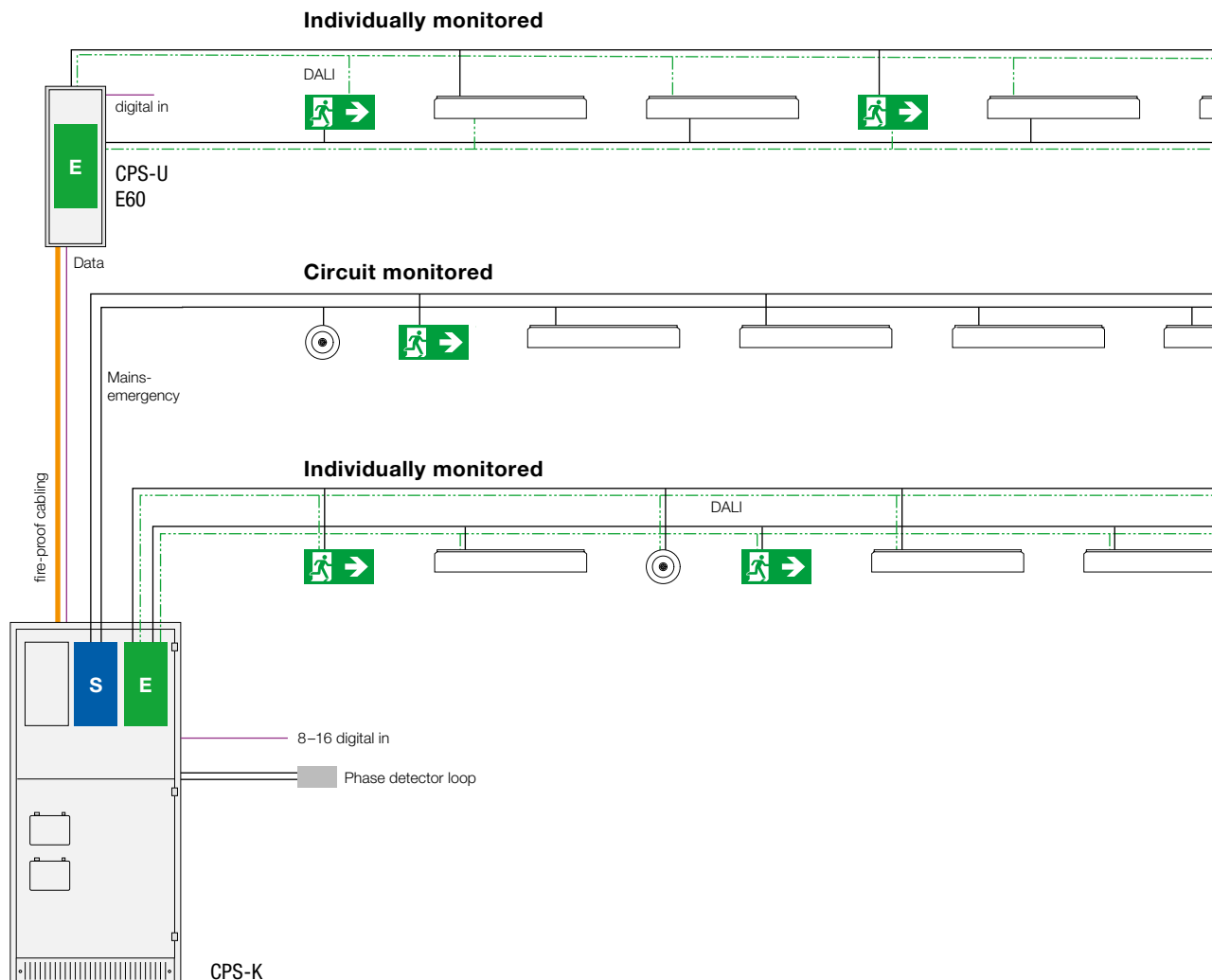
When combined with the LUXMATE LITENET lighting management system, which shows its strength mainly in large office buildings, the majority of the ONLITE central CPS hardware and software is no longer required. In this case, a circuit-monitored emergency lighting system is sufficient, individual monitoring is done by LITENET.

- Maximum convenience and flexibility
- A large number of ONLITE central CPS functions have already been integrated into the LUXMATE LITENET lighting management system
- Easy commissioning



ONLITE central CPS

Design tips



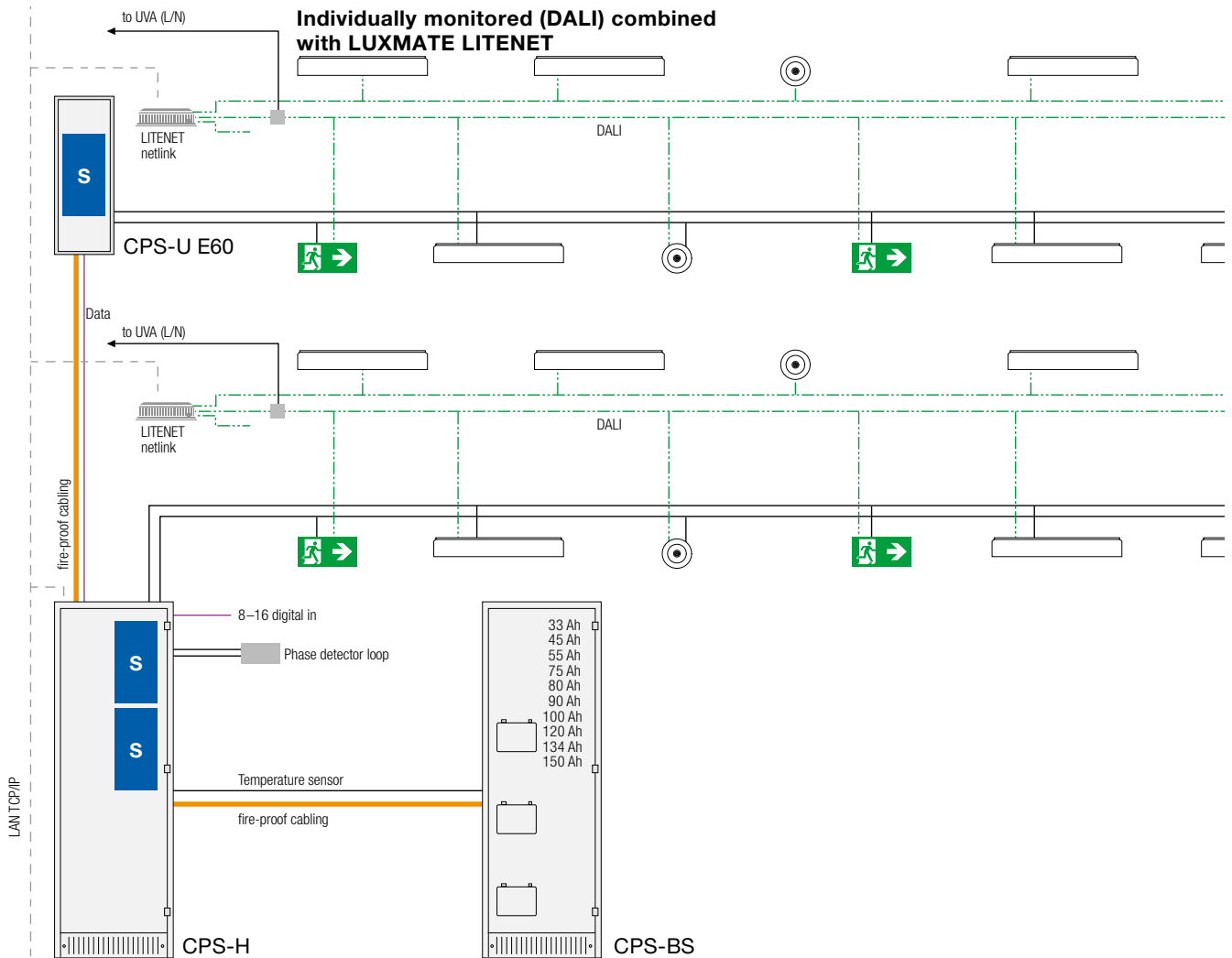
Emergency lighting as an isolated solution

Independent of circuit or individual luminaire monitoring, the individual emergency and emergency sign luminaires are switched via potential-free inputs or used as luminaires in maintained or non-maintained mode. Internal functions such as the staircase function or switching via variable timers are also available.

Potential-free inputs

Even in the standard version, every ONLITE central CPS main station or substation is provided with eight digital potential-free inputs. The first input (S1) is designed as a critical circuit and usually intended for the phase detector loop. It is also possible to set parameters for several phase detector loops or other potential-free switching inputs. The reference voltage for each of the switching inputs is the internal 24 V supply. Optionally, eight more potential-free inputs are available per ONLITE central CPS.





Emergency lighting with LUXMATE LITENET

This system topology is based on one ONLITE central CPS unit with circuit-monitored modules (S). All luminaires, whether general-lighting or emergency luminaires, are metalically separated and linked in one or several common DALI circuits to the technical network (Ethernet/TCP/IP) via LITENET netlink. All status information is available via the LUXMATE LITENET lighting management system. The ONLITE central CPS unit works completely self-contained and independently forwards messages regarding battery and charger via Ethernet to the LITENET lighting control system.

Additional safety thanks to phase detector

A standard phase detector monitors the general power supply system. In case of failure, the DALI circuit affected is short-circuited. All DALI emergency and escape sign luminaires will then immediately switch to emergency operation and be dimmed to the configured level. This security function will be activated without prior communication with the emergency luminaires.



ONLITE RESCLITE

Innovative LED technology is paving the way into a new era of emergency lighting

With a power LED and four sophisticated optics, RESCLITE paves the way for a new era of emergency lighting. Maximum efficiency and optimal light distribution result in the need for a low number of luminaires for emergency lighting in conformity with relevant standards. The LED power package makes do with minimal energy levels. Installed load is a mere 5 W, and with non-maintained mode only 1.5 W. The supply systems and wiring are correspondingly small-dimensioned as well. Design work with RESCLITE is really simple. And the best of all: it is completely independent of general lighting. No-tool mounting, installation and maintenance are quick and easy.

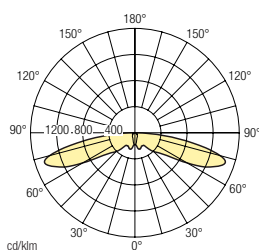


[...] Shared properties ONLITE RESCLITE HP

- LED emergency luminaire for emergency lighting in accordance with EN 1838, UNI EN 50172 and NFPA
- Luminaire housing of diecast aluminium, powder-coated white RAL 9016
- Large aluminium heat sink ensures optimum thermal management
- Polycarbonate lens
- 2 high-power LEDs, cool white
- Includes PC gearbox for recessed ceiling installation
- Connecting cable between LED spot and gearbox fitted with strain relief at each end
- Tool-free quick-fit installation for all luminaire types
- Ceiling cut-out 68 mm
- Plug-in terminals for through-wiring, max. 2.5 mm²
- Suitable for recessed installation in concrete casting surround (please order separately)
- NT1 and NT3: 1 h and 3 h self-contained battery systems; NDA: eBox or CPS (DALI communication); NSI: eBox (Powerline communication); NPS: CPS or eBox (circuit monitoring)
- In the self-contained models (NT1 and NT3), the NiMh battery is replaced without tools
- Rotary switch for setting address mechanically (excludes NPS)
- Emergency lighting level can be set from 10–100 % (NPS not dimmable), factory set to 100 %
- Installed loads: NT1: 6.6 W; NT3: 7 W; NDA: 7 W; NSI: 8 W; NPS: 7.2 W; standby consumption (non-maintained mode) < 1.5 W
- Mains connection NT1/NT3: 220-240 V AC 50-60 Hz. NSI/NPS/NDA: 220-240 V AC/DC 50-60 Hz.
- Total luminous flux of luminaire: NT1/NT3: 350 lm. NDA/NSI/NPS: 440 lm
- Luminaire pre-wired using halogen-free leads

RESCLITE escape high performance

LED emergency luminaire for escape route lighting according to EN 1838



Luminaire distances for 2 m escape route width

Mounting height (m)	a1 Wall / luminaire max. distance (m)						a2 Luminaire / Luminaire max. distance (m)					
	1 lx		5 lx		1 fc		1 lx		5 lx		1 fc	
	NTx	Nxx	NTx	Nxx	NTx	Nxx	NTx	Nxx	NTx	Nxx	NTx	Nxx
2.2	9.05	9.60	4.40	4.65	4.00	4.00	21.50	22.65	10.60	11.15	8.00	11.00
2.5	9.55	10.15	4.75	5.10	3.50	4.10	22.90	24.15	11.70	12.40	5.50	8.90
3.0	10.25	10.95	4.95	5.45	2.50	2.50	24.95	26.40	13.50	14.00	4.50	4.50
3.5	10.75	11.55	3.40	5.40	2.20	2.00	26.70	28.35	13.95	15.15	4.00	4.00
4.0	11.05	12.00	1.60	2.05	-	1.75	28.20	30.00	13.00	15.60	-	4.00
4.5	11.10	12.25	-	1.65	-	-	29.50	31.45	10.25	12.70	-	-
5.0	10.95	12.35	-	-	-	-	30.45	32.75	5.00	11.10	-	-
5.5	10.00	12.15	-	-	-	-	31.10	33.75	2.00	5.40	-	-
6.0	6.05	11.55	-	-	-	-	31.45	34.40	-	2.25	-	-
6.5	3.80	7.75	-	-	-	-	29.60	34.80	-	-	-	-
7.0	3.35	4.45	-	-	-	-	25.80	34.05	-	-	-	-
7.5	-	4.00	-	-	-	-	24.75	32.15	-	-	-	-
8.0	-	-	-	-	-	-	22.50	27.90	-	-	-	-
8.5	-	-	-	-	-	-	16.95	27.20	-	-	-	-
9.0	-	-	-	-	-	-	11.05	24.75	-	-	-	-
9.5	-	-	-	-	-	-	9.95	18.50	-	-	-	-
10.0	-	-	-	-	-	-	4.60	12.25	-	-	-	-



NT1: Self contained emergency power supply for 1 hour
 NT3: Self contained emergency power supply for 3 hours
 Nxx: NDA. NSI. NPS Central battery

- width of escape route: 2 m
- uniformity greater than 40 : 1
- considered maintenance factor: 0.8
- reflection factors 1 lx, 1fc: 0
- reflection factors 5 lx: taken into account
- glare limitation according to EN 1838 is complied with

ONLITE RESCLITE escape high performance ED ceiling recessed

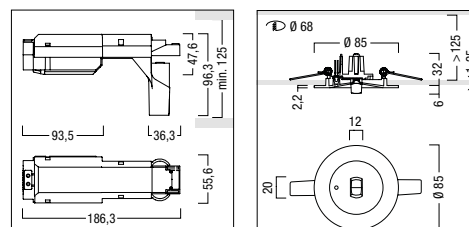


- [...]
- For use in rooms with ceiling height 2.5m to 8 m
- Discreet, elegant design due to new lens construction without reflector

Accessory

RESCLITE C ESCAPE HP ED NT1 WH	42 182 557
RESCLITE C ESCAPE HP ED NPS WH	42 182 565
RESCLITE C ESCAPE HP ED NSI WH	42 182 563
RESCLITE C ESCAPE HP ED NDA WH	42 182 561
RESCLITE C ESCAPE HP ED NT3 WH	42 182 559

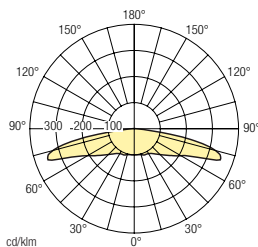
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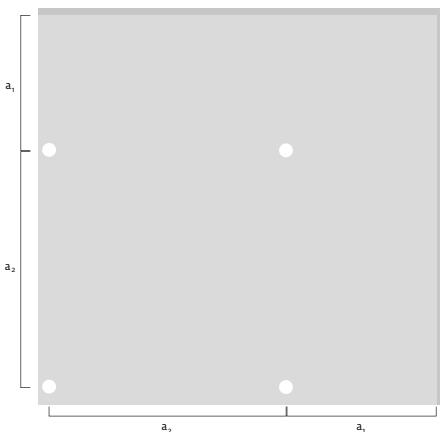
RESCLITE antipanic high performance

LED emergency luminaire for antipanic lighting according to EN 1838

Luminaire spacings for antipanic lighting in conformity with relevant standards



Mounting height [m]	Wall / luminaire max. distance [m]				Luminaire / luminaire max. distance [m]			
	0,5 lx		2 lx		0,5 lx		2 lx	
	NT1.NT3	Nxx	NT1.NT3	Nxx	NT1.NT3	Nxx	NT1.NT3	Nxx
2.2	5.20	5.60	2.50	2.85	14.95	15.85	7.75	8.25
2.5	4.80	5.75	2.35	2.60	15.75	16.75	8.40	9.00
3.0	4.65	5.20	2.15	2.50	16.85	18.00	9.15	9.95
3.5	4.50	5.15	1.75	2.20	17.80	19.10	9.50	10.45
4.0	4.30	4.95	1.25	1.70	18.35	20.00	9.55	10.60
4.5	3.95	4.70	0.70	1.20	18.85	20.40	9.35	10.60
5.0	3.55	4.40	-	0.60	19.05	20.90	9.00	10.30
5.5	3.00	4.00	-	-	19.00	21.10	8.15	9.90
6.0	2.45	3.45	-	-	19.10	21.10	6.95	9.00
6.5	1.95	2.90	-	-	19.00	21.20	5.80	7.80
7.0	1.40	2.40	-	-	18.75	21.10	4.45	6.75
7.5	0.75	1.85	-	-	18.45	21.00	3.30	5.35
8.0	-	1.25	-	-	18.00	20.70	2.20	4.10
8.5	-	-	-	-	17.20	20.30	0.55	3.05
9.0	-	-	-	-	16.30	19.80	-	1.85
9.5	-	-	-	-	15.05	18.90	-	-
10.0	-	-	-	-	13.90	18.10	-	-



NT1: Self contained emergency power supply for 1 hour
 NT3: Self contained emergency power supply for 3 hours
 Nxx: NDA. NSI. NPS central battery

- Rectangular light distribution for perfect illumination of rooms
- uniformity greater than 40 : 1
- considered maintenance factor: 0.8
- reflection factors (0.5 lx): 0
- reflection factors (2 lx): taken into account
- glare limitation according to EN 1838 is complied with

ONLITE RESCLITE antipanic high performance ED ceiling recessed

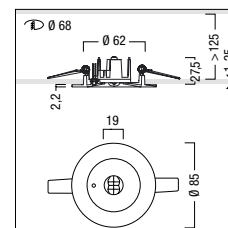
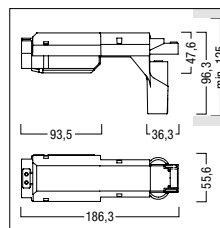
Order no.



- [...] (partially obscured)
- For use in rooms with ceiling height 2.2m to 10 m
- Rectangular light distribution enables very simple planning and perfect illumination even into corners

Accessory

RESCLITE C ANTIPANIC HP ED NT1 WH	42 182 558
RESCLITE C ANTIPANIC HP ED NPS WH	42 182 566
RESCLITE C ANTIPANIC HP ED NSI WH	42 182 564
RESCLITE C ANTIPANIC HP ED NDA WH	42 182 562
RESCLITE C ANTIPANIC HP ED NT3 WH	42 182 560

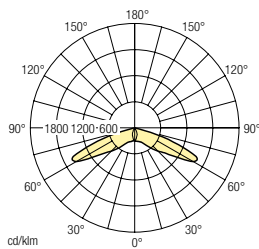


|...| Shared properties ONLITE RESCLITE

- Large aluminium heat sink ensures optimum thermal management
- Reflectors and lenses made of PC
- Connected load of all RESCLITE types < 5 W; standby power (non-maintained mode) < 1.5 W
- Luminaire pre-wired using halogen-free leads
- LED emergency luminaire for increased illuminance levels to EN 1838
- Suitable for ceiling heights 2.5 to 6 m
- Large aluminium heat sink ensures optimum thermal management
- Reflectors and lenses made of PC
- NSI/NPS/NDA mains supply: 220/240 V AC/DC 50/60 Hz
- Mains supply NT: 220/240 V AC 50/60 Hz
- Connected load of all RESCLITE types < 5 W; standby power (non-maintained mode) < 1.5 W
- Plug-in terminals for through-wiring, max. 2.5 mm²
- In the self-contained models (NT1 and NT3), the NiMH battery is replaced without tools
- NT1 and NT3: 1 h and 3 h self-contained battery systems; NDA: eBox or CPS (DALI communication); NSI: eBox (Powerline communication); NPS: CPS or eBox (circuit monitoring)
- Luminaire pre-wired using halogen-free leads

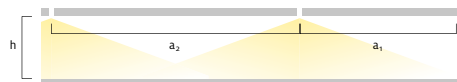
RESCLITE escape

LED emergency luminaire for escape route lighting according to EN 1838



Luminaire distances for 2 m escape route width

Mounting height height [m]	Wall / luminaire max. distance [m]			Luminaire / luminaire max. distance [m]		
	IP40			IP65		
	NT1 / NT3 / Nxx	NT1 / NT3 / Nxx	NT1 / NT3 / Nxx	NT1 / NT3 / Nxx	NT1 / NT3 / Nxx	NT1 / NT3 / Nxx
2.2	6.80 / 6.75 / 7.20	6.80 / 6.70 / 7.15	16.00 / 15.85 / 16.80	15.80 / 15.70 / 16.60		
2.5	7.25 / 7.20 / 7.70	7.25 / 7.15 / 7.65	17.15 / 17.00 / 18.05	17.00 / 16.90 / 17.85		
3.0	8.05 / 7.95 / 8.45	7.90 / 7.85 / 8.40	18.90 / 18.75 / 19.95	18.85 / 18.70 / 19.85		
3.5	8.65 / 8.55 / 9.20	8.45 / 8.35 / 9.00	20.50 / 20.30 / 21.65	20.40 / 20.20 / 21.60		
4.0	9.15 / 9.05 / 9.75	8.90 / 8.75 / 9.50	22.05 / 21.90 / 23.20	21.85 / 21.60 / 23.10		
4.5	9.60 / 7.00 / 10.25	5.15 / 5.10 / 9.95	23.45 / 23.20 / 24.80	21.90 / 21.35 / 24.50		
5.0	5.45 / 5.15 / 10.70	3.90 / 3.85 / 5.75	23.30 / 22.60 / 26.15	22.15 / 19.90 / 25.65		
5.5	4.20 / 3.95 / 6.30	4.00 / 3.80 / 4.30	22.20 / 21.70 / 26.30	20.70 / 20.45 / 24.75		
6.0	3.40 / 3.15 / 5.05	2.90 / 2.55 / 4.45	21.80 / 21.25 / 25.10	16.90 / 15.50 / 23.00		
6.5	2.40 / 2.10 / 4.15	1.50 / 1.25 / 3.70	18.15 / 17.05 / 24.65	14.45 / 12.70 / 23.20		
7.0	1.00 / - / 3.35	- / - / 2.35	15.65 / 14.70 / 24.00	12.10 / 10.85 / 15.90		
7.5	- / - / 2.15	- / - / 1.25	13.10 / 12.25 / 19.00	9.95 / 9.20 / 11.90		



- NT1: Self contained emergency power supply for 1 hour
- NT3: Self contained emergency power supply for 3 hours
- Nxx: NDA. NSI. NPS Central battery

- width of escape route: 2 m
- minimal illuminance on 1 m width: 1 lx
- minimal illuminance on half of escape route width: 0.5 lx
- uniformity greater than 40 : 1
- considered maintenance factor: 0.8
- reflection factors: 0
- glare limitation according to EN 1838 is complied with



ONLITE RESCLITE escape ED ceiling-recessed



- [...]]
- LED emergency luminaire for escape route illumination to EN 1838
- Suitable for ceiling heights 2.2 to 7 m
- Luminaire housing of diecast aluminium, powder-coated white RAL 9016 or silver RAL 9006
- Includes PC gearbox for recessed ceiling installation
- Connecting lead between LED spot and control-gear box has strain-relief at both ends
- NSI/NPS/NDA mains supply: 220/240 V AC/DC 50/60 Hz
- Mains supply NT: 220/240 V AC 50/60 Hz
- Tool-free quick-fit installation for all luminaire types
- Plug-in terminals for through-wiring, max. 2.5 mm²
- In the self-contained models (NT1 and NT3), the NiMh battery is replaced without tools
- Ceiling cut-out 68 mm
- Strain-relief for mains supply lead moulded onto gearbox; tool-free installation
- NT1 and NT3: 1 h and 3 h self-contained battery systems; NDA: eBox or CPS (DALI communication); NSI: eBox (Powerline communication); NPS: CPS or eBox (circuit monitoring)
- Suitable for recessed installation in concrete casting surround (please order separately)

Self contained with monitoring; white

RESCLITE C ESCAPE ED LED NT1 WH	42 180 394	<i>electronic</i>
RESCLITE C ESCAPE ED LED NT3 WH	42 180 395	

Centrally supplied, white

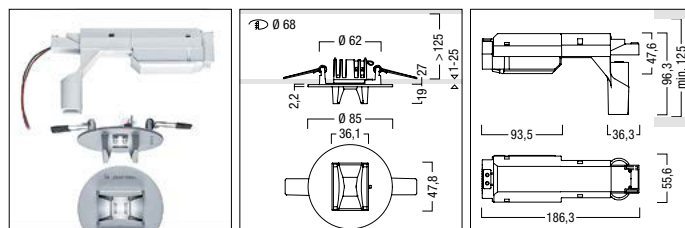
RESCLITE C ESCAPE ED LED NDA WH	42 180 397	
RESCLITE C ESCAPE ED LED NPS WH electronic	42 180 811	
RESCLITE C ESCAPE ED LED NSI WH	42 180 396	

Self contained with monitoring; aluminium

RESCLITE C ESCAPE ED LED NT1 AL	42 180 398	<i>electronic</i>
RESCLITE C ESCAPE ED LED NT3 AL	42 180 399	

Centrally supplied, aluminium

RESCLITE C ESCAPE ED LED NDA AL	42 180 401	
RESCLITE C ESCAPE ED LED NPS AL electronic	42 180 812	
RESCLITE C ESCAPE ED LED NSI AL	42 180 400	



ONLITE RESCLITE escape AD ceiling surface-mount



- [...]]
- LED emergency luminaire for escape route illumination to EN 1838
- Suitable for ceiling heights 2.2 to 7 m
- Luminaire housing of diecast aluminium, powder-coated white RAL 9016 or silver RAL 9006
- Gear tray made of galvanised sheet steel
- NSI/NPS/NDA mains supply: 220/240 V AC/DC 50/60 Hz
- Mains supply NT: 220/240 V AC 50/60 Hz
- Plug-in terminals for through-wiring, max. 2.5 mm²
- In the self-contained models (NT1 and NT3), the NiMh battery is replaced without tools
- Can be installed on plaster surfaces with side cable entry
- Die-cast aluminium cover can be fitted without tools
- NT1 and NT3: 1 h and 3 h self-contained battery systems; NDA: eBox or CPS (DALI communication); NSI: eBox (Powerline communication); NPS: CPS or eBox (circuit monitoring)

Self contained with monitoring; white

RESCLITE C ESCAPE AD LED NT1 WH 1 h	42 180 386	<i>electronic</i>
RESCLITE C ESCAPE AD LED NT3 WH 3 h	42 180 387	

Centrally supplied, white

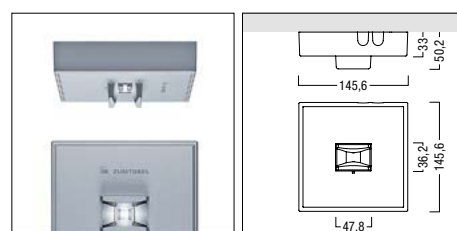
RESCLITE C ESCAPE AD LED NDA WH	42 180 389	
RESCLITE C ESCAPE AD LED NPS WH electronic	42 180 809	
RESCLITE C ESCAPE AD LED NSI WH	42 180 388	

Self contained with monitoring; aluminium

RESCLITE C ESCAPE AD LED NT1 AL 1 h	42 180 390	<i>electronic</i>
RESCLITE C ESCAPE AD LED NT3 AL 3 h	42 180 391	

Centrally supplied, aluminium

RESCLITE C ESCAPE AD LED NDA AL	42 180 393	
RESCLITE C ESCAPE AD LED NPS AL electronic	42 180 810	
RESCLITE C ESCAPE AD LED NSI AL	42 180 392	



ONLITE RESCLITE escape AD ceiling surface-mount IP65

Order no.



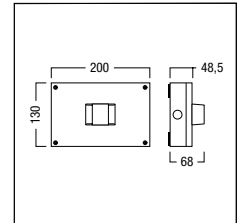
- [...]]
- LED emergency luminaire for escape route illumination to EN 1838
- Suitable for ceiling heights 2.2 to 7 m
- IP65 housing made of die-cast aluminium in white powder-coated finish, RAL 9016
- NSI/NPS/NDA mains supply: 220/240 V AC/DC 50/60 Hz
- Mains supply NT: 220/240 V AC 50/60 Hz
- NT1 and NT3: 1 h and 3 h self-contained battery systems; NDA: eBox or CPS (DALI communication); NSI: eBox (Powerline communication); NPS: CPS or eBox (circuit monitoring)
- Cable entry from the rear or the side
- Plug-in terminals for through-wiring, max. 2.5 mm²
- NiMh batteries in the self-contained models (NT1 and NT3) can be replaced easily
- PG cable glands can be used
- White cover made of fibreglass-reinforced PC with transparent PC light outlet

Self contained with monitoring; white

RESCLITE C ESCAPE AD LED NT1 IP65 WH 1 h	42 180 458	<i>electronic</i>
RESCLITE C ESCAPE AD LED NT3 IP65 WH 3 h	42 180 459	

Centrally supplied, white

RESCLITE C ESCAPE AD LED NDA IP65 WH	42 180 461
RESCLITE C ESCAPE AD LED NPS IP65 WH electronic	42 180 827
RESCLITE C ESCAPE AD LED NSI IP65 WH	42 180 460



ONLITE RESCLITE escape TEC TECTON continuous-row lighting system

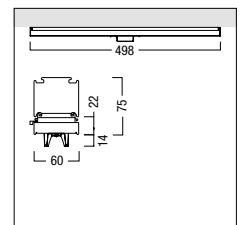
Order no.



- [...]]
- LED emergency luminaire for escape route illumination to EN 1838
- Suitable for ceiling heights 2.2 to 7 m
- Roll-formed sheet steel with white polyester resin enamel coating
- Status LED (NT1 and NT3) integrated in the transparent end caps
- NSI/NPS/NDA mains supply: 220/240 V AC/DC 50/60 Hz
- Mains supply NT: 220/240 V AC 50/60 Hz
- Phase selection for 3 phase circuits and 2 emergency lighting circuits
- Tool-free quick-fit installation for all luminaire types
- Plug-in terminals for through-wiring, max. 2.5 mm²
- In the self-contained models (NT1 and NT3), the NiMh battery is replaced without tools
- Tool-free connection to TECTON continuous row lighting system
- NT1 and NT3: 1 h and 3 h self-contained battery systems; NDA: eBox or CPS (DALI communication); NSI: eBox (Powerline communication); NPS: CPS or eBox (circuit monitoring)

Centrally supplied, white

RESCLITE C ESCAPE TEC-GP LED NDA WH	42 183 107
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ONLITE RESCLITE escape TEC TECTON H180 continuous-row lighting system



- [...]]
- LED emergency luminaire for escape route illumination to EN 1838
- Suitable for ceiling heights 2.2 to 7 m
- Roll-formed sheet steel with white polyester resin enamel coating
- Can be fitted without tools to the TECTON continuous-row lighting system; optic can be rotated and locked in position
- Includes TECTON pendant suspension (module length 110 mm)
- NSI/NPS/NDA mains supply: 220/240 V AC/DC 50/60 Hz
- Mains supply NT: 220/240 V AC 50/60 Hz
- Status LED (NT1 and NT3) integrated in the transparent end caps
- Phase selection for 3 phase circuits and 2 emergency lighting circuits
- Tool-free quick-fit installation for all luminaire types
- Plug-in terminals for through-wiring, max. 2.5 mm²
- In the self-contained models (NT1 and NT3), the NiMh battery is replaced without tools
- NT1 and NT3: 1 h and 3 h self-contained battery systems; NDA: eBox or CPS (DALI communication); NSI: eBox (Powerline communication); NPS: CPS or eBox (circuit monitoring)

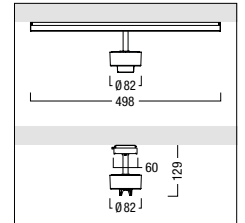
Self contained with monitoring; white

RESCLITE C ESCAPE TEC-GP LED NT1 H180 1 h	42 183 118
RESCLITE C ESCAPE TEC-GP LED NT3 H180 3 h	42 183 119

Centrally supplied, white

RESCLITE C ESCAPE TEC-GP LED NDA H180	42 183 116
RESCLITE C ESCAPE TEC-GP LED NPS H180 electronic	42 183 123
RESCLITE C ESCAPE TEC-GP LED NSI H180	42 183 117

Order no.

electronic



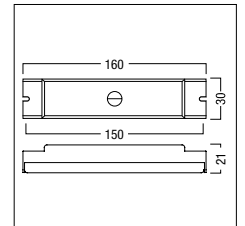
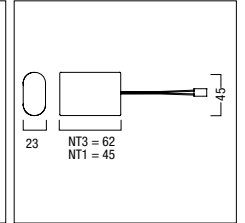
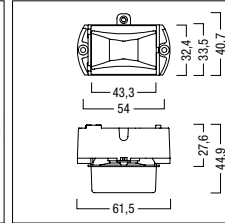
- [...]
- Kit for installing in standard luminaires
- LED emergency luminaire for escape route illumination to EN 1838
- NSI/NPS/NDA mains supply: 220/240 V AC/DC 50/60 Hz
- Mains supply NT: 220/240 V AC 50/60 Hz
- Plug-in terminals for through-wiring, max. 2.5 mm²
- In the self-contained models (NT1 and NT3), the NiMh battery is replaced without tools
- NT1 and NT3: 1 h and 3 h self-contained battery systems; NDA: eBox or CPS (DALI communication); NSI: eBox (Powerline communication); NPS: CPS or eBox (circuit monitoring)

Self contained with monitoring

RESCLITE C ESCAPE EMERGENCY SET NT1 1 h	22 166 840
RESCLITE C ESCAPE EMERGENCY SET NT3 3 h	22 166 841

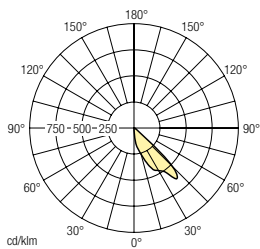
Centrally supplied

RESCLITE C ESCAPE EMERGENCY SET DALI	22 166 843
RESCLITE C ESCAPE EMERGENCY SET NSI	22 166 842



RESCLITE wall

LED emergency luminaire for wall route lighting according to EN 1838



Luminaire distances for 2 m wall route width

Mounting height height [m]	Wall / luminaire max. distance [m]		Luminaire / luminaire max. distance [m]	
	IP40		IP65	
	NT1 / NT3 / Nxx	NT1 / NT3 / Nxx	NT1 / NT3 / Nxx	NT1 / NT3 / Nxx
2.2	4.20 / 4.20 / 4.40	4.20 / 4.20 / 4.50	10.00 / 10.00 / 10.50	10.20 / 10.20 / 10.60
2.5	4.40 / 4.40 / 4.70	4.20 / 4.20 / 4.60	10.60 / 10.60 / 11.10	10.80 / 10.80 / 11.30
3.0	4.90 / 4.90 / 5.20	4.60 / 4.60 / 5.00	12.10 / 12.10 / 12.60	12.20 / 12.20 / 12.70
3.5	5.00 / 5.00 / 5.40	4.80 / 4.80 / 5.20	12.70 / 12.70 / 13.40	12.20 / 12.20 / 13.30
4.0	5.20 / 5.20 / 5.60	4.80 / 4.80 / 5.40	13.70 / 13.70 / 14.50	12.90 / 12.90 / 14.10
4.5	5.00 / 5.00 / 5.80	4.80 / 4.80 / 5.50	14.20 / 14.20 / 15.00	13.40 / 13.40 / 14.20
5.0	3.50 / 3.50 / 4.30	0.50 / 0.50 / 2.00	11.00 / 11.00 / 12.00	10.00 / 10.00 / 10.20
5.5	- / - / 0.50	- / - / -	10.30 / 10.30 / 16.00	8.7 / 8.7 / 12.70
6.0	- / - / 0.50	- / - / -	9.20 / 9.20 / 12.30	8.4 / 8.4 / 10.70



NT1: Self contained emergency power supply for 1 hour
 NT3: Self contained emergency power supply for 3 hours
 Nxx: NDA, NSI, NPS central battery

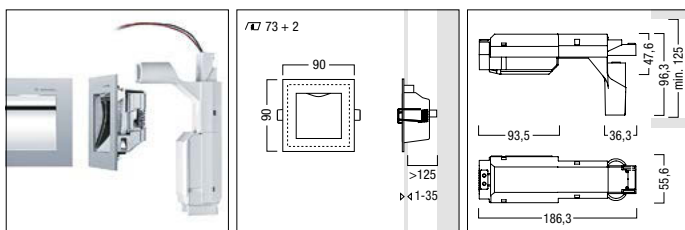
- width of wall route: 2 m
- minimal illuminance on 1 m width: 1 lx
- minimal illuminance on half of wall route width: 0.5 lx
- uniformity greater than 40 : 1
- considered maintenance factor: 0.8
- reflection factors: 0
- glare limitation according to EN 1838 is complied with

ONLITE RESCLITE wall EW wall-recessed



- [...]
 - LED emergency luminaire for escape route illumination to EN 1838
 - Suitable for ceiling heights 2.5 to 6 m
 - Luminaire housing of diecast aluminium, powder-coated white RAL 9016 or silver RAL 9006
 - Includes gearbox for wall installation
 - Connecting cable between LED spot and gearbox fitted with strain relief at each end
 - Mains-cable strain relief is moulded onto gearbox; tool-free installation
 - NSI/NPS/NDA mains supply: 220/240 V AC/DC 50/60 Hz
 - Mains supply NT: 220/240 V AC 50/60 Hz
 - NT1 and NT3: 1 h and 3 h self-contained battery systems; NDA: eBox or CPS (DALI communication); NSI: eBox (Powerline communication); NPS: CPS or eBox (circuit monitoring)
 - Tool-free quick-fit installation for all luminaire types
 - Plug-in terminals for through-wiring, max. 2.5 mm²
 - In the self-contained models (NT1 and NT3), the NiMh battery is replaced without tools
 - Suitable for recessed installation in concrete casting surround (please order separately)

	Order no.
Self contained with monitoring; white	<i>electronic</i>
RESCLITE C WALL EW LED NT1 WH 1 h	42 180 466
RESCLITE C WALL EW LED NT3 WH 3 h	42 180 467
Centrally supplied, white	
RESCLITE C WALL EW LED NDA WH	42 180 469
RESCLITE C WALL EW LED NPS WH electronic	42 180 829
RESCLITE C WALL EW LED NSI WH	42 180 468
Self contained with monitoring; aluminium	<i>electronic</i>
RESCLITE C WALL EW LED NT1 AL 1 h	42 180 470
RESCLITE C WALL EW LED NT3 AL 3 h	42 180 471
Centrally supplied, aluminium	
RESCLITE C WALL EW LED NDA AL	42 180 473
RESCLITE C WALL EW LED NPS AL electronic	42 180 830
RESCLITE C WALL EW LED NSI AL	42 180 472



ONLITE RESCLITE wall AW wall surface-mount IP65

Order no.



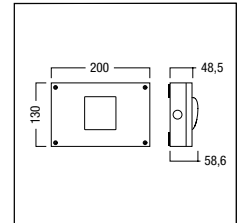
- [...]]
- LED emergency luminaire for escape route illumination to EN 1838
- Suitable for ceiling heights 2.5 to 6 m
- IP65 housing made of die-cast aluminium in white powder-coated finish, RAL 9016
- NSI/NPS/NDA mains supply: 220/240 V AC/DC 50/60 Hz
- Mains supply NT: 220/240 V AC 50/60 Hz
- NT1 and NT3: 1 h and 3 h self-contained battery systems; NDA: eBox or CPS (DALI communication); NSI: eBox (Powerline communication); NPS: CPS or eBox (circuit monitoring)
- Cable entry from the rear or the side
- Plug-in terminals for through-wiring, max. 2.5 mm²
- NiMh batteries in the self-contained models (NT1 and NT3) can be replaced easily
- PG cable glands can be used
- White cover made of fibreglass-reinforced PC with transparent PC light outlet

Self contained with monitoring; white

RESCLITE C WALL AW LED NT1 IP65 WH 1 h	42 180 462	<i>electronic</i>
RESCLITE C WALL AW LED NT3 IP65 WH 3 h	42 180 463	

Centrally supplied, white

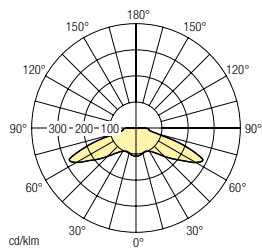
RESCLITE C WALL AW LED NDA IP65 WH	42 180 465
RESCLITE C WALL AW LED NPS IP65 WH electronic	42 180 828
RESCLITE C WALL AW LED NSI IP65 WH	42 180 464



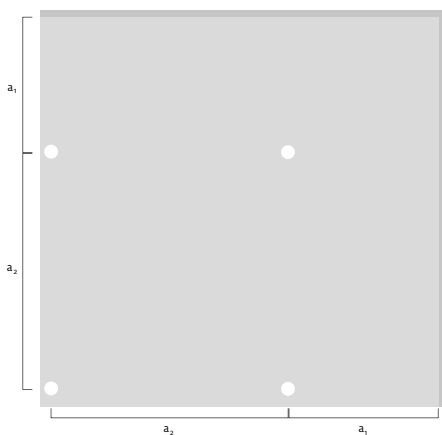
RESCLITE antipanic

LED emergency luminaire for antipanic lighting according to EN 1838

Luminaire spacings for antipanic lighting in conformity with relevant standards



Mounting height [m]	Wall / luminaire max. distance [m]			Luminaire / luminaire max. distance [m]		
	IP40 NT1 / NT3 / Nxx	IP65 NT1 / NT3 / Nxx	IP40 NT1 / NT3 / Nxx	IP65 NT1 / NT3 / Nxx		
2.2	3.95 / 3.95 / 4.15	3.50 / 3.50 / 3.65	9.50 / 9.35 / 9.55	8.20 / 8.15 / 8.35		
2.5	4.20 / 4.15 / 4.45	3.85 / 3.80 / 4.00	10.45 / 10.40 / 10.65	9.10 / 9.10 / 9.30		
3.0	3.05 / 3.00 / 3.45	3.10 / 3.00 / 4.50	11.95 / 11.85 / 12.40	10.60 / 10.55 / 10.80		
3.5	3.15 / 3.10 / 3.45	3.10 / 3.10 / 3.40	13.05 / 12.95 / 13.70	11.90 / 11.75 / 12.25		
4.0	2.80 / 2.70 / 3.55	2.70 / 2.65 / 3.55	12.30 / 12.10 / 14.80	12.70 / 12.55 / 13.45		
4.5	2.65 / 2.55 / 3.15	2.70 / 2.60 / 3.00	12.70 / 12.55 / 13.75	12.25 / 12.05 / 14.20		
5.0	2.35 / 2.20 / 2.95	2.35 / 2.20 / 3.00	13.20 / 13.05 / 14.15	12.30 / 12.05 / 13.65		
5.5	1.85 / 1.70 / 2.70	1.70 / 1.60 / 2.65	12.15 / 11.90 / 14.75	12.50 / 12.30 / 14.00		
6.0	1.50 / 1.40 / 2.20	1.40 / 1.10 / 2.10	12.20 / 12.00 / 13.70	12.30 / 11.90 / 13.85		
6.5	1.20 / 1.05 / 1.80	- / - / 1.70	12.30 / 11.85 / 13.60	12.15 / 11.90 / 14.30		
7.0	0.55 / 0.20 / 1.55	- / - / 0.60	11.90 / 11.65 / 13.80	11.60 / 11.30 / 13.55		
7.5	- / - / 1.15	- / - / -	11.70 / 11.20 / 13.45	11.55 / 10.70 / 13.65		
8.0	- / - / 0.15	- / - / -	10.95 / 10.60 / 13.30	10.75 / 10.50 / 12.90		
8.5	- / - / -	- / - / -	10.50 / 10.20 / 12.85	10.30 / 9.95 / 12.25		
9.0	- / - / -	- / - / -	10.00 / 9.45 / 12.25	8.85 / 8.45 / 12.00		



- rotationally symmetrical distribution
- minimum illuminance: 0.5 lx
- uniformity greater than 40 : 1
- considered maintenance factor: 0.8
- reflection factors: 0
- glare limitation according to EN 1838 is complied with

- NT1: Self contained emergency power supply for 1 hour
- NT3: Self contained emergency power supply for 3 hours
- Nxx: NDA. NSI. NPS central battery

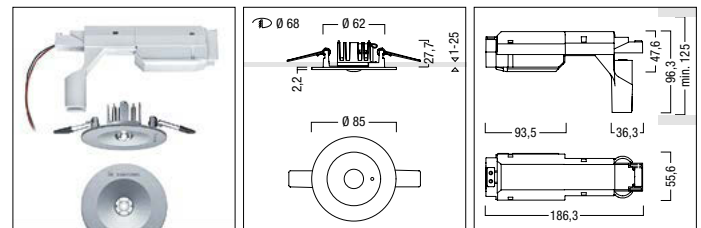


ONLITE RESCLITE antipanic ED ceiling-recessed



- [...]
- LED emergency luminaire for antipanic lighting to EN 1838
- Suitable for ceiling heights 2.2 to 9 m
- Luminaire housing of diecast aluminium, powder-coated white RAL 9016 or silver RAL 9006
- Includes PC gearbox for recessed ceiling installation
- Connecting lead between LED spot and control-gear box has strain-relief at both ends
- NSI/NPS/NDA mains supply: 220/240 V AC/DC 50/60 Hz
- Mains supply NT: 220/240 V AC 50/60 Hz
- Tool-free quick-fit installation for all luminaire types
- Plug-in terminals for through-wiring, max. 2.5 mm²
- In the self-contained models (NT1 and NT3), the NiMh battery is replaced without tools
- Ceiling cut-out 68 mm
- Strain-relief for mains supply lead moulded onto gearbox; tool-free installation
- NT1 and NT3: 1 h and 3 h self-contained battery systems; NDA: eBox or CPS (DALI communication); NSI: eBox (Powerline communication); NPS: CPS or eBox (circuit monitoring)
- Suitable for recessed installation in concrete casting surround (please order separately)

Self contained with monitoring; white	electronic
RESCLITE C ANTIPANIC ED LED NT1 WH 1 h	42 180 410
RESCLITE C ANTIPANIC ED LED NT3 WH 3 h	42 180 411
Centrally supplied, white	
RESCLITE C ANTIPANIC ED LED NDA WH	42 180 413
RESCLITE C ANTIPANIC ED LED NPS WH electronic	42 180 815
RESCLITE C ANTIPANIC ED LED NSI WH	42 180 412
Self contained with monitoring; aluminium	electronic
RESCLITE C ANTIPANIC ED LED NT1 AL 1 h	42 180 414
RESCLITE C ANTIPANIC ED LED NT3 AL 3 h	42 180 415
Centrally supplied, aluminium	
RESCLITE C ANTIPANIC ED LED NDA AL	42 180 417
RESCLITE C ANTIPANIC ED LED NPS AL electronic	42 180 816
RESCLITE C ANTIPANIC ED LED NSI AL	42 180 416

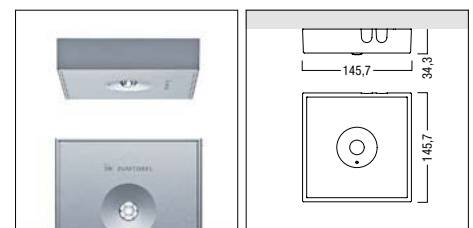


ONLITE RESCLITE antipanic AD ceiling surface-mount



- [...]
- LED emergency luminaire for antipanic lighting to EN 1838
- Suitable for ceiling heights 2.2 to 9 m
- Luminaire housing of diecast aluminium, powder-coated white RAL 9016 or silver RAL 9006
- Gear tray made of galvanised sheet steel
- Die-cast aluminium cover can be fitted without tools
- NSI/NPS/NDA mains supply: 220/240 V AC/DC 50/60 Hz
- Mains supply NT: 220/240 V AC 50/60 Hz
- Plug-in terminals for through-wiring, max. 2.5 mm²
- In the self-contained models (NT1 and NT3), the NiMh battery is replaced without tools
- Can be installed on plaster surfaces with side cable entry
- NT1 and NT3: 1 h and 3 h self-contained battery systems; NDA: eBox or CPS (DALI communication); NSI: eBox (Powerline communication); NPS: CPS or eBox (circuit monitoring)

Self contained with monitoring; white	electronic
RESCLITE C ANTIPANIC AD LED NT1 WH 1 h	42 180 402
RESCLITE C ANTIPANIC AD LED NT3 WH 3 h	42 180 403
Centrally supplied, white	
RESCLITE C ANTIPANIC AD LED NDA WH	42 180 405
RESCLITE C ANTIPANIC AD LED NPS WH electronic	42 180 813
RESCLITE C ANTIPANIC AD LED NSI WH	42 180 404
Self contained with monitoring; aluminium	electronic
RESCLITE C ANTIPANIC AD LED NT1 AL 1 h	42 180 406
RESCLITE C ANTIPANIC AD LED NT3 AL 3 h	42 180 407
Centrally supplied, aluminium	
RESCLITE C ANTIPANIC AD LED NDA AL	42 180 409
RESCLITE C ANTIPANIC AD LED NPS AL electronic	42 180 814
RESCLITE C ANTIPANIC AD LED NSI AL	42 180 408



ONLITE RESCLITE antipanic AD ceiling surface-mount IP65

Order no.



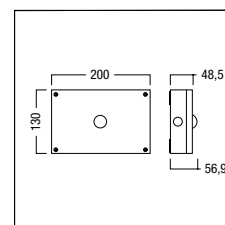
- [...]
- LED emergency luminaire for antipanic lighting to EN 1838
- Suitable for ceiling heights 2.2 to 9 m
- IP65 housing made of die-cast aluminium in white powder-coated finish, RAL 9016
- NSI/NPS/NDA mains supply: 220/240 V AC/DC 50/60 Hz
- Mains supply NT: 220/240 V AC 50/60 Hz
- NT1 and NT3: 1 h and 3 h self-contained battery systems; NDA: eBox or CPS (DALI communication); NSI: eBox (Powerline communication); NPS: CPS or eBox (circuit monitoring)
- Cable entry from the rear or the side
- Plug-in terminals for through-wiring, max. 2.5 mm²
- In the self-contained models (NT1 and NT3), the NiMh battery is replaced without tools
- PG cable glands can be used
- White cover made of fibreglass-reinforced PC with transparent PC light outlet

Self contained with monitoring; white

RESCLITE C ANTIPANIC AD LED NT1 IP65 WH 1 h	42 180 454	<i>electronic</i>
RESCLITE C ANTIPANIC AD LED NT3 IP65 WH 3 h	42 180 455	

Centrally supplied, white

RESCLITE C ANTIPANIC AD LED NDA IP65 WH	42 180 457	
RESCLITE C ANTIPANIC AD LED NPS IP65 WH electronic	42 180 826	
RESCLITE C ANTIPANIC AD LED NSI IP65 WH	42 180 456	



ONLITE RESCLITE antipanic TEC TECTON continuous-row luminaire system

Order no.



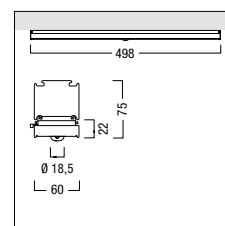
- [...]
- LED emergency luminaire for antipanic lighting to EN 1838
- Suitable for ceiling heights 2.2 to 9 m
- Roll-formed sheet steel with white polyester resin enamel coating
- Status LED (NT1 and NT3) integrated in the transparent end caps
- NSI/NPS/NDA mains supply: 220/240 V AC/DC 50/60 Hz
- Mains supply NT: 220/240 V AC 50/60 Hz
- Phase selection for 3 phase circuits and 2 emergency lighting circuits
- Tool-free quick-fit installation for all luminaire types
- Plug-in terminals for through-wiring, max. 2.5 mm²
- In the self-contained models (NT1 and NT3), the NiMh battery is replaced without tools
- Tool-free connection to TECTON continuous row lighting system
- NT1 and NT3: 1 h and 3 h self-contained battery systems; NDA: eBox or CPS (DALI communication); NSI: eBox (Powerline communication); NPS: CPS or eBox (circuit monitoring)

Self contained with monitoring; white

RESCLITE C ANTIPANIC TEC-GP LED NT1 WH 1 h	42 183 108	<i>electronic</i>
RESCLITE C ANTIPANIC TEC-GP LED NT3 WH 3 h	42 183 109	

Centrally supplied, white

RESCLITE C ANTIPANIC TEC-GP LED NDA WH	42 183 111	
RESCLITE C ANTIPANIC TEC-GP LED NPS WH electronic	42 183 121	
RESCLITE C ANTIPANIC TEC-GP LED NSI WH	42 183 110	



ONLITE RESCLITE antipanic recessed kit

Order no.



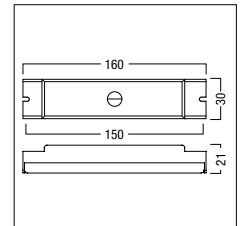
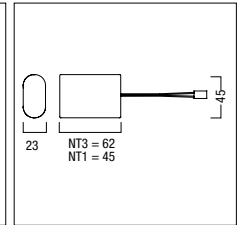
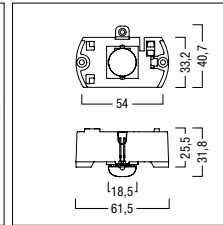
- [...]
- Kit for installing in standard luminaires
- LED emergency luminaire for antipanic lighting to EN 1838
- Suitable for ceiling heights 2.2 to 9 m
- NSI/NPS/NDA mains supply: 220/240 V AC/DC 50/60 Hz
- Mains supply NT: 220/240 V AC 50/60 Hz
- Plug-in terminals for through-wiring, max. 2.5 mm²
- In the self-contained models (NT1 and NT3), the NiMh battery is replaced without tools
- NT1 and NT3: 1 h and 3 h self-contained battery systems; NDA: eBox or CPS (DALI communication); NSI: eBox (Powerline communication); NPS: CPS or eBox (circuit monitoring)

Self contained with monitoring

RESCLITE C ANTIPANIC EMERGENCY SET NT1 1 h	22 166 844
RESCLITE C ANTIPANIC EMERGENCY SET NT3 3 h	22 166 845

Centrally supplied

RESCLITE C ANTIPANIC EMERGENCY SET NDA	22 166 847
RESCLITE C ANTIPANIC EMERGENCY SET NSI	22 166 846

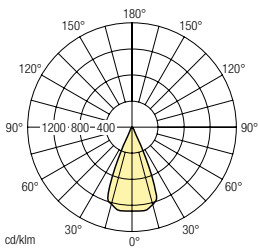


[...] Shared properties ONLITE RESCLITEONLITE RESCLITE

- Large aluminium heat sink ensures optimum thermal management
- Reflectors and lenses made of PC
- Connected load of all RESCLITE types < 5 W; standby power (non-maintained mode) < 1.5 W
- Luminaire pre-wired using halogen-free leads
- LED emergency luminaire for increased illuminance levels to EN 1838
- Suitable for ceiling heights 2.5 to 6 m
- Large aluminium heat sink ensures optimum thermal management
- Reflectors and lenses made of PC
- NSI/NPS/NDA mains supply: 220/240 V AC/DC 50/60 Hz
- Mains supply NT: 220/240 V AC 50/60 Hz
- Connected load of all RESCLITE types < 5 W; standby power (non-maintained mode) < 1.5 W
- Plug-in terminals for through-wiring, max. 2.5 mm²
- In the self-contained models (NT1 and NT3), the NiMh battery is replaced without tools
- NT1 and NT3: 1 h and 3 h self-contained battery systems; NDA: eBox or CPS (DALI communication); NSI: eBox (Powerline communication); NPS: CPS or eBox (circuit monitoring)
- Luminaire pre-wired using halogen-free leads

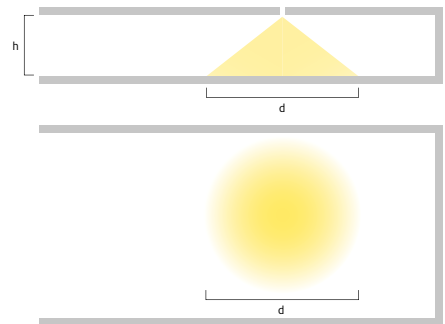
RESCLITE spot

LED emergency luminaire for increased illuminance levels according to EN 1838



At least 5 lx illuminance for first aid, fire-fighting and fire alarm points

Mounting height [m]	IP40			IP65		
	NT1 / NT3 / Nxx			NT1 / NT3 / Nxx		
2.2	2.70 / 2.60 / 2.80			2.70 / 2.70 / 2.80		
2.5	2.90 / 2.90 / 3.00			2.90 / 2.90 / 3.10		
3.0	3.10 / 3.10 / 3.30			3.00 / 2.90 / 3.30		
3.5	3.20 / 3.20 / 3.50			3.00 / 2.90 / 3.30		
4.0	3.30 / 3.30 / 3.60			3.00 / 2.90 / 3.40		
4.5	3.40 / 3.30 / 3.70			2.90 / 2.80 / 3.30		
5.0	3.30 / 3.20 / 3.80			2.70 / 2.60 / 3.30		
5.5	2.90 / 2.60 / 3.70			2.30 / 2.10 / 3.10		
6.0	0.90 / 0.70 / 3.50	- / - /	2.70	- / - /	- / - /	2.70
6.5	- / - / 1.40	- / - /	2.10	- / - /	- / - /	2.10
7.0	- / - / 0.60	- / - /	-	- / - /	- / - /	-



NT1: Self contained emergency power supply for 1 hour
 NT3: Self contained emergency power supply for 3 hours
 Nxx: NSA. NDA. NPS central battery

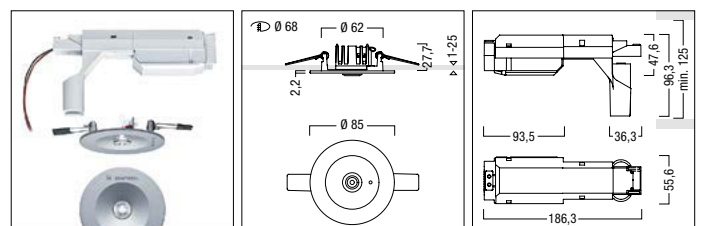
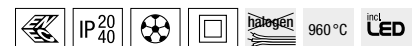
- rotationally symmetrical distribution
- minimal illuminance: 5 lx
- uniformity greater than 40 : 1
- considered maintenance factor: 0.8
- reflection factors: 0
- glare limitation according to EN 1838 is complied with

ONLITE RESCLITE spot ED ceiling-recessed



- [...]
- Luminaire housing of diecast aluminium, powder-coated white RAL 9016 or silver RAL 9006
- Includes PC gearbox for recessed ceiling installation
- Connecting lead between LED spot and control-gear box has strain-relief at both ends
- Tool-free quick-fit installation for all luminaire types
- Ceiling cut-out 68 mm
- Strain-relief for mains supply lead moulded onto gearbox; tool-free installation
- Suitable for recessed installation in concrete casting surround (please order separately)

Self contained with monitoring; white	Order no.	electronic
RESCLITE C SPOT ED LED NT1 WH 1 h	42 180 426	
RESCLITE C SPOT ED LED NT3 WH 3 h	42 180 427	
Centrally supplied, white		
RESCLITE C SPOT ED LED NDA WH	42 180 429	
RESCLITE C SPOT ED LED NPS WH electronic	42 180 819	
RESCLITE C SPOT ED LED NSI WH	42 180 428	
Self contained with monitoring; aluminium		electronic
RESCLITE C SPOT ED LED NT1 AL 1 h	42 180 430	
RESCLITE C SPOT ED LED NT3 AL 3 h	42 180 431	
Centrally supplied, aluminium		
RESCLITE C SPOT ED LED NDA AL	42 180 433	
RESCLITE C SPOT ED LED NPS AL electronic	42 180 820	
RESCLITE C SPOT ED LED NSI AL	42 180 432	



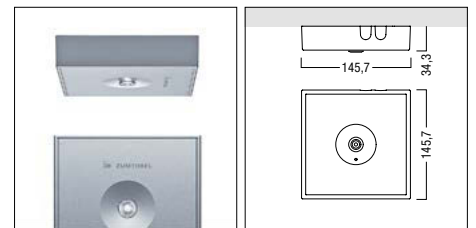
ONLITE RESCLITE spot AD ceiling surface-mount

Order no.



- [...]
 - Luminaire housing of diecast aluminium, powder-coated white RAL 9016 or silver RAL 9006
 - Gear tray made of galvanised sheet steel
 - Die-cast aluminium cover can be fitted without tools
 - Can be installed on plaster surfaces with side cable entry

Self contained with monitoring; white	Order no.	electronic
RESCLITE C SPOT AD LED NT1 WH 1 h	42 180 418	
RESCLITE C SPOT AD LED NT3 WH 3 h	42 180 419	
Centrally supplied, white	Order no.	electronic
RESCLITE C SPOT AD LED NDA WH	42 180 421	
RESCLITE C SPOT AD LED NPS WH electronic	42 180 817	
RESCLITE C SPOT AD LED NSI WH	42 180 420	
Self contained with monitoring; aluminium	Order no.	electronic
RESCLITE C SPOT AD LED NT1 AL 1 h	42 180 422	
RESCLITE C SPOT AD LED NT3 AL 3 h	42 180 423	
Centrally supplied, aluminium	Order no.	electronic
RESCLITE C SPOT AD LED NDA AL	42 180 425	
RESCLITE C SPOT AD LED NPS AL electronic	42 180 818	
RESCLITE C SPOT AD LED NSI AL	42 180 424	



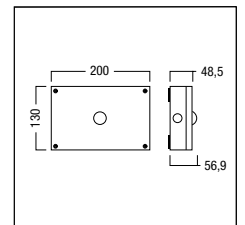
ONLITE RESCLITE spot AD ceiling surface-mount IP65

Order no.



- [...]
 - IP65 housing made of die-cast aluminium in white powder-coated finish, RAL 9016
 - Cable entry from the rear or the side
 - Tool-free quick-fit installation for all luminaire types
 - PG cable glands can be used
 - White cover made of fibreglass-reinforced PC with transparent PC light outlet

Self contained with monitoring; white	Order no.	electronic
RESCLITE C SPOT AD LED NT1 IP65 WH 1 h	42 180 450	
RESCLITE C SPOT AD LED NT3 IP65 WH 3 h	42 180 451	
Centrally supplied, white	Order no.	electronic
RESCLITE C SPOT AD LED NDA IP65 WH	42 180 453	
RESCLITE C SPOT AD LED NPS IP65 WH electronic	42 180 825	
RESCLITE C SPOT AD LED NSI IP65 WH	42 180 452	



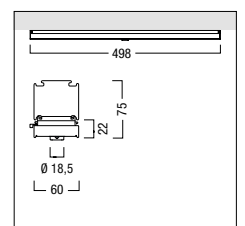
ONLITE RESCLITE spot TEC TECTON continuous-row lighting system

Order no.



- [...]
 - Roll-formed sheet steel with white polyester resin enamel coating
 - Status LED (NT1 and NT3) integrated in the transparent end caps
 - Phase selection for 3 phase circuits and 2 emergency lighting circuits
 - Tool-free quick-fit installation for all luminaire types
 - Tool-free connection to TECTON continuous row lighting system

Self contained with monitoring; white	Order no.	electronic
RESCLITE C SPOT TEC-GP LED NT1 WH 1 h	42 183 112	
RESCLITE C SPOT TEC-GP LED NT3 WH 3 h	42 183 113	
Centrally supplied, white	Order no.	electronic
RESCLITE C SPOT TEC-GP LED NDA WH	42 183 115	
RESCLITE C SPOT TEC-GP LED NPS WH electronic	42 183 122	
RESCLITE C SPOT TEC-GP LED NSI WH	42 183 114	



ONLITE RESCLITE spot recessed set



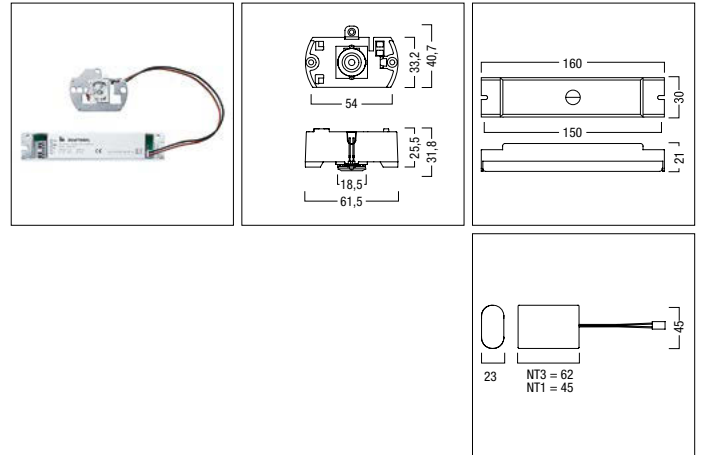
- [...]]
- Kit for installing in standard luminaires

Self contained with monitoring

	Order no.
RESCLITE C SPOT EMERGENCY SET NT1 1 h	22 166 848
RESCLITE C SPOT EMERGENCY SET NT3 3 h	22 166 849

Centrally supplied

RESCLITE C SPOT EMERGENCY SET DALI	22 166 851
RESCLITE C SPOT EMERGENCY SET NSI	22 166 850



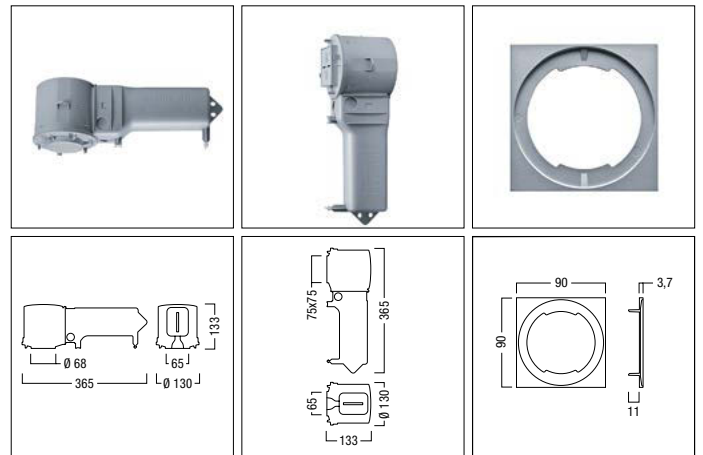
ONLITE RESCLITE installation accessories

- Concrete casting surround for installing RESCLITE ED/EW in concrete ceilings/walls
- Die-cast aluminium in powder-coated finish
- Includes transformer tunnel for housing the gearbox
- Includes front section
- For use in ceilings/walls of thickness 160 mm and above
- Square trim for fitting to RESCLITE ceiling-recessed luminaires

L/W/H Order no.

RESCLITE C AD BESA Mounting plate	144/144/1	22 166 853
RESCLITE C ED Q90 AL Aluminium trim	90/90/4	22 166 855
RESCLITE C ED Q90 WH White trim	90/90/4	22 166 854
RESCLITE C GEH Beton ED Concrete casting surround, ceiling	365/130/133	22 166 852
RESCLITE C WALL EW EBG concrete casting surround, wall	416/100/133	22 166 856

650 °C

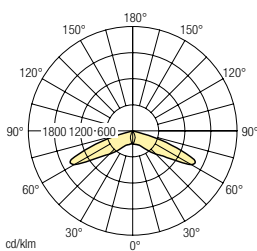


[...] Shared properties ONLITE RESCLITE HC

- LED emergency luminaire for escape route illumination to EN 1838
- IP65 housing made of die-cast aluminium in white powder-coated finish, RAL 9016
- Large aluminium heat sink ensures optimum thermal management
- Cover made of fibre-glass reinforced PC with transparent PC light outlet
- Polycarbonate lens
- 2 high-power LEDs, cool white
- Plug-in terminals for through-wiring, max. 2.5 mm²
- Intended for use in group battery systems (NSI, NPS) and central battery systems (NDA, NPS)
- Rotary switch for setting address mechanically (excludes NPS)
- Emergency lighting level can be set from 10–100 % (NPS not dimmable), factory set to 100 %
- Temperature range: non-maintained mode, maintained mode (NDA/NPS: -20 °C ... +40 °C) (NSI: -5 °C ... +35 °C)
- Installed load of all RESCLITE models < 5.5 W; standby power (non-maintained mode) < 1.5 W
- NSI/NPS/NDA mains supply: 220/240 V AC/DC 50/60 Hz
- Mains supply NT: 220/240 V AC 50/60 Hz
- Total luminous flux of luminaires: 250 lm
- Luminaire is ballproof to DIN standard 18032 Part 2
- Halogen-free wiring used in luminaire
- Straightforward screw-fitting for luminaire

RESCLITE escape high ceilings

LED emergency luminaire for room/areas with high ceilings according to EN 1838



RESCLITE escape high ceilings

Mounting height [h]	Wall / luminaire		Luminaire / luminaire max. distance [m]	
	NDA / NSI / NPS	NDA / NSI / NPS	NDA / NSI / NPS	NDA / NSI / NPS
7.0	7.45	17.75		
8.0	8.00	19.10		
9.0	8.50	20.35		
10.0	8.35	21.20		
11.0	5.95	22.30		
12.0	6.00	21.90		
13.0	6.00	22.15		
14.0	5.25	21.10		
15.0	4.20	20.35		
16.0	2.90	16.80		
17.0	-	17.05		
18.0	-	16.15		
19.0	-	14.80		
20.0	-	10.45		
21.0	-	9.65		
22.0	-	7.10		
23.0	-	4.00		



- width of escape route: 2 m
- minimal illuminance on 1 m width: 1 lx
- minimal illuminance on half of escape route width: 0.5 lx
- uniformity greater than 40 : 1
- considered maintenance factor: 0.8
- reflection factors: 0
- glare limitation according to EN 1838 is complied with

NDA. NSI. NPS Central battery

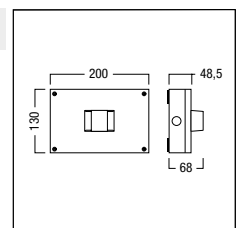
ONLITE RESCLITE escape high ceilings AD ceiling surface-mount



- [...]
- Suitable for high ceilings of height 7 to 23 m
- Cable entry from the rear or the side
- PG cable glands can be used

Centrally supplied, white

RESCLITE C ESCAPE HC AD NDA IP65 WH	42 181 594
RESCLITE C ESCAPE HC AD NPS IP65 WH electronic	42 181 596
RESCLITE C ESCAPE HC AD NSI IP65 WH	42 181 595



Order no.

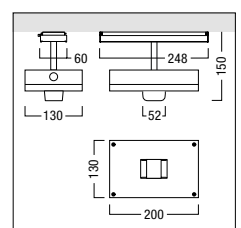
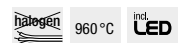
ONLITE RESCLITE escape high ceilings TEC TECTON



- [...]
- Suitable for high ceilings of height 7 to 23 m
- Can be fitted without tools to the TECTON continuous-row lighting system; optic can be rotated and locked in position
- Phase selection for 3 phase circuits and 2 emergency lighting circuits
- Roll-formed sheet steel with white polyester resin enamel coating

Centrally supplied, white

RESCLITE C ESCAPE HC TEC-GP NDA IP65 WH	42 183 124
RESCLITE C ESCAPE HC TEC-GP NPS IP65 WH electronic	42 183 126
RESCLITE C ESCAPE HC TEC-GP NSI IP65 WH	42 183 125

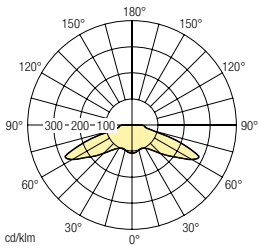


Order no.



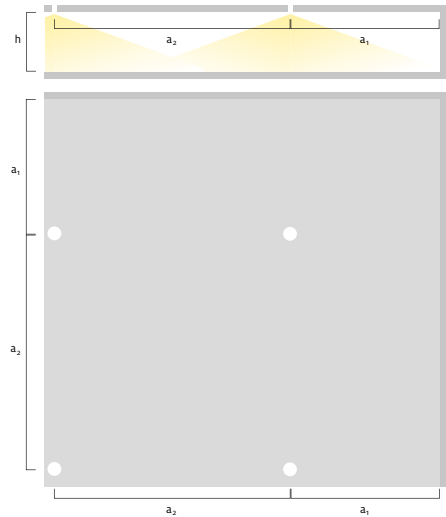
RESCLITE antipanic high ceilings

LED emergency luminaire for room/areas with high ceilings according to EN 1838



RESCLITE antipanic high ceilings

Mounting height [h]	Luminaire / luminaire max. distance [m]	
	NDA/NSI/NPS	NDA/NSI/NPS
9.0	4.55	11.65
10.0	4.80	12.45
11.0	5.00	13.25
12.0	5.10	14.05
13.0	5.10	14.90
14.0	4.85	15.65
15.0	4.30	16.40
16.0	-	17.05
17.0	-	15.85
18.0	-	14.50
19.0	-	14.00
20.0	-	13.80
21.0	-	13.85
22.0	-	14.00
23.0	-	14.15
24.0	-	14.10
25.0	-	13.95
26.0	-	13.25
27.0	-	12.60
28.0	-	11.95
29.0	-	11.25
30.0	-	9.85



- rotationally symmetrical distribution
- minimum illuminance: 0.5 lx
- uniformity greater than 40 : 1
- considered maintenance factor: 0.8
- reflection factors: 0
- glare limitation according to EN 1838 is complied with

NDA, NSI, NPS Central battery

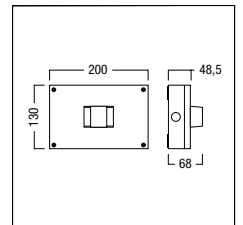
ONLITE RESCLITE anti-panic high ceilings AD ceiling surface-mount



- [...]
 - Suitable for high ceilings of height 9 to 30 m
 - Cable entry from the rear or the side
 - PG cable glands can be used

Centrally supplied, white

RESCLITE C ANTIPANIC HC AD NDA IP65 WH	42 181 600
RESCLITE C ANTIPANIC HC AD NPS IP65 WH electronic	42 181 602
RESCLITE C ANTIPANIC HC AD NSI IP65 WH	42 181 601



Order no.

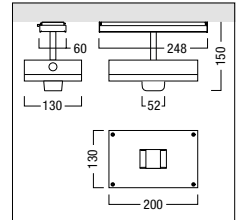
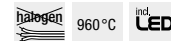
ONLITE RESCLITE anti-panic high ceilings TEC TECTON



- [...]
 - Suitable for high ceilings of height 9 to 30 m
 - Can be fitted without tools to the TECTON continuous-row lighting system; optic can be rotated and locked in position
 - Phase selection for 3 phase circuits and 2 emergency lighting circuits
 - Roll-formed sheet steel with white polyester resin enamel coating

Centrally supplied, white

RESCLITE C ANTIPANIC HC TEC-GP NDA IP65 WH	42 183 131
RESCLITE C ANTIPANIC HC TEC-GP NPS IP65 WH electronic	42 183 133
RESCLITE C ANTIPANIC HC TEC-GP NSI IP65 WH	42 183 132



Order no.

ONLITE RESCLITE high ceilings installation accessories



Accessory

RESCLITE C HC ASI 5000	22 169 078
RESCLITE C HC BWS Schutzgitter	22 169 079

Order no.





ONLITE PURESIGN 150

product
design award

2013 ■

ONLITE escape sign luminaires

Safety for success

ONLITE is based on extensive expertise in the area of "emergency lighting". From one source, clearly structured, and providing a perfect solution for any application. ONLITE allows to combine general lighting and emergency lighting into one unit which performs both tasks. In this context, great importance was attached to functional integration of the escape sign and emergency luminaires into the architecture.

ONLITE ARTSIGN EW wall recessed

Order no.



- Housing made of extruded aluminium section
- LED control gear with “maintenance function” for constant luminance over the entire lifetime of the luminaire
- Power consumption: NT1 (3.17 W), NT3 (3.17 W)
- Power consumption: NSI (2.67 W), NDA (2.67 W)
- Luminaire and emergency sign fitted without tools
- In the self-contained models (NT1 and NT3), the NiMh battery is replaced without tools
- Plug-in terminals for through-wiring, max. 2.5 mm²

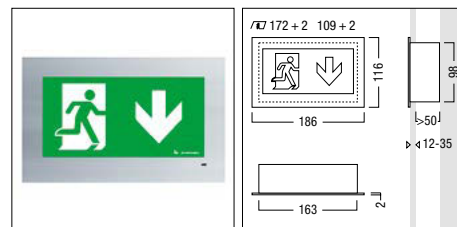
Self contained with monitoring

ARTSIGN C EW LED NT1 1 h	42 180 541
ARTSIGN C EW LED NT3 3 h	42 180 542

Centrally supplied

ARTSIGN C EW LED NDA	42 180 544
ARTSIGN C EW LED NSI	42 180 543

Please order emergency signs separately



ONLITE ARTSIGN EW emergency sign RZ

Order no.

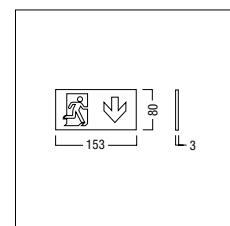


- Panel made of diffuser pearl material with printed emergency sign according to direction
- Fits without tools to recessed wall luminaire
- Uniform backlighting of pictograms with a luminance of more than 500 cd/m² in the white area

Emergency sign

ARTSIGN C EW RZ-1L left arrow	22 166 893
ARTSIGN C EW RZ-1O pointing up	22 900 379
ARTSIGN C EW RZ-1R right arrow	22 166 894
ARTSIGN C EW RZ-1U down arrow	22 166 895

DIN 4844 15 m^h
500 cd/m² EN 1838



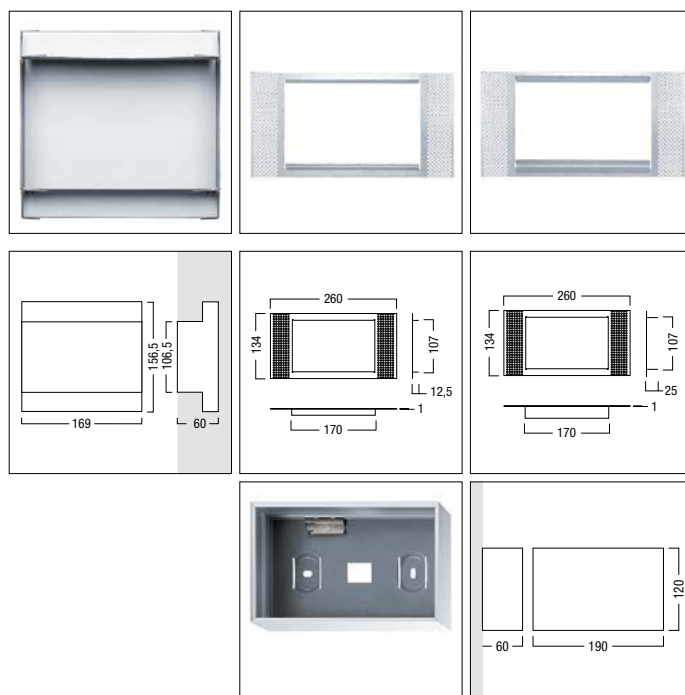
ONLITE ARTSIGN EW installation accessories

Order no.

- Concrete casting surround for recessed installation in concrete walls
- Prepared for tube installation
- Housing made of galvanised sheet steel
- For use in exposed concrete ceilings and also in ceilings to be plastered later
- Mounting frame designed to protect the edges of an ARTSIGN emergency sign luminaire during fitting/removal in plasterboard or fibreboard
- Mounting frame required for walls of thickness less than 12 mm to ensure the mounting clips are held properly

Accessory

ARTSIGN C AW GEH Surface-mount housing	22 166 899
ARTSIGN C EW ER 12.5 mm Mounting surround	22 166 902
ARTSIGN C EW ER 25 mm Mounting surround	22 166 903
ARTSIGN C EW GEH Beton Concrete casting surround, wall	22 168 743



ONLITE ARTSIGN ED ceiling recessed RZ

Order no.



- LED ceiling recessed luminaire
- Housing made of extruded aluminium section
- LED control gear with “maintenance function” for constant luminance over the entire lifetime of the luminaire
- Power consumption: NT1 (3.17 W), NT3 (3.17 W)
- Power consumption: NSI (2.67 W), NDA (2.67 W)
- Acrylic glass panel with emergency sign printed on one or both sides
- Single-sided emergency sign printed in white on rear
- Uniform backlighting of pictograms with a luminance of more than 500 cd/m² in the white area
- NiMH batteries for self-contained models (NT1 and NT3)
- Luminaire can be installed without tools
- Plug-in terminals for through-wiring, max. 2.5 mm²

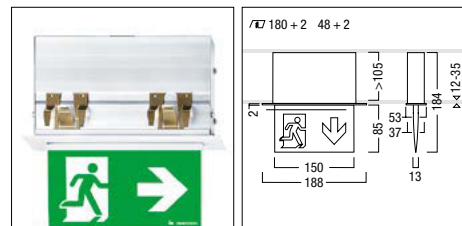
Self contained with monitoring

ARTSIGN C ED NT1 RZ-1L 1x left arrow, 1x white unprinted	42 180 545
ARTSIGN C ED NT1 RZ-1O 1x pointing up, 1x white unprinted	42 925 507
ARTSIGN C ED NT1 RZ-1R 1x right arrow, 1x white unprinted	42 180 546
ARTSIGN C ED NT1 RZ-1U 1x down arrow, 1x white unprinted	42 180 547
ARTSIGN C ED NT1 RZ-2LR 2x left/right arrow	42 180 525
ARTSIGN C ED NT1 RZ-2O 2x pointing up	42 925 508
ARTSIGN C ED NT1 RZ-2U 2x down arrow	42 180 526
ARTSIGN C ED NT3 RZ-1L 1x left arrow, 1x white unprinted	42 180 548
ARTSIGN C ED NT3 RZ-1O 1x pointing up, 1x white unprinted	42 925 515
ARTSIGN C ED NT3 RZ-1R 1x right arrow, 1x white unprinted	42 180 549
ARTSIGN C ED NT3 RZ-1U 1x pointing down, 1x white unprinted	42 180 550
ARTSIGN C ED NT3 RZ-2LR 2x left/right arrow	42 180 527
ARTSIGN C ED NT3 RZ-2O 2x pointing up	42 925 516
ARTSIGN C ED NT3 RZ-2U 2x pointing down	42 180 528

electronic

Centrally supplied

ARTSIGN C ED NDA 2RZ-1L 1x left arrow, 1x white unprinted	42 180 554
ARTSIGN C ED NDA 2RZ-1R 1x right arrow, 1x white unprinted	42 180 555
ARTSIGN C ED NDA 2RZ-1U 1x down arrow, 1x white unprinted	42 180 556
ARTSIGN C ED NDA 2RZ-2U 2x down arrows	42 180 532
ARTSIGN C ED NDA 2RZ-LR 2x right/left arrows	42 180 531
ARTSIGN C ED NDA RZ-1O 1x pointing up, 1x white unprinted	42 925 523
ARTSIGN C ED NDA RZ-2O 2x pointing up	42 925 524
ARTSIGN C ED NSI 2RZ-1L 1x left arrow, 1x white unprinted	42 180 551
ARTSIGN C ED NSI RZ-1O 1x pointing up, 1x white unprinted	42 925 531
ARTSIGN C ED NSI RZ-1R 1x right arrow, 1x white unprinted	42 180 552
ARTSIGN C ED NSI RZ-1U 1x down arrow, 1x white unprinted	42 180 553
ARTSIGN C ED NSI RZ-2LR 2x right/left arrows	42 180 529
ARTSIGN C ED NSI RZ-2O 2x pointing up	42 925 532
ARTSIGN C ED NSI RZ-2U 2x down arrows	42 180 530



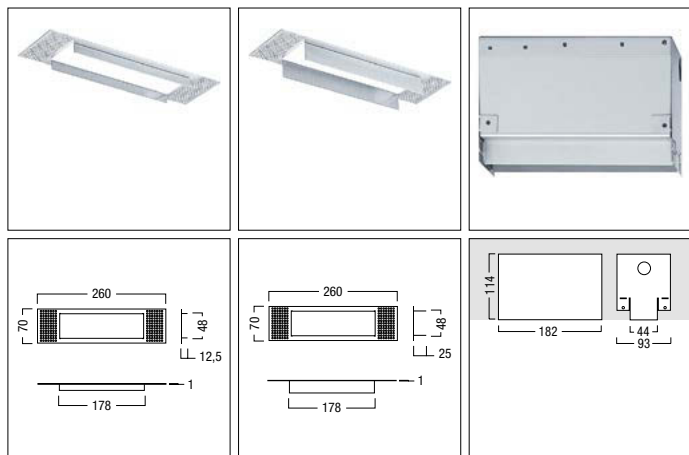
ONLITE ARTSIGN ED installation accessories

Order no.

- Concrete casting surround made of galvanized sheet steel; ready for conduit installation
- For use in exposed concrete ceilings and also in ceilings to be plastered later
- Mounting frame designed to protect the edges of an ARTSIGN emergency sign luminaire during fitting/removal in plasterboard or fibreboard
- Mounting frame required for walls of thickness less than 12 mm to ensure the mounting clips are held properly

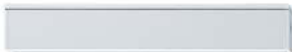
Accessory

ARTSIGN C ED ER 12,5 mm Mounting surround	22 166 900
ARTSIGN C ED ER 25 mm Mounting surround	22 166 901
ARTSIGN C ED GEH Beton Concrete casting surround, ceiling	22 168 742



ONLITE COMSIGN150 AD ceiling surface-mount

Order no.



- Two-piece surface-mount housing made of die cast aluminium to fit COMSIGN 150 and PURESIGN 150
- Luminaire housing of diecast aluminium, powder-coated silver, similar to RAL 7035
- Simple screw-fitting for luminaire and emergency sign
- Plug-in terminals for 2.5 mm² conductors; 1.5 mm² for loop-in/loop-out
- LED control gear with “Maintenance Function” guarantees a constant luminous flux over the entire operating life of the LED luminaire (excludes NPS version)
- Address for individual luminaires set mechanically or optically (excluding NPS version)
- Power consumption: NT1 (4.5 W), NT3 (4.5 W)
- Power consumption: NSI (5 W), NDA (4.5 W), NPS (4.5 W)
- NPS: standard 230 V AC/DC 50/60 Hz compatible driver without monitoring

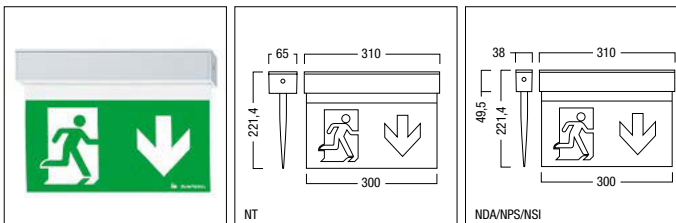
Self contained with monitoring

PURESIGN/COMSIGN 150 AD NT1 1 h	42 180 886
PURESIGN/COMSIGN 150 AD NT3 3 h	42 180 887

Centrally supplied

PURESIGN/COMSIGN 150 AD NDA	42 180 884
PURESIGN/COMSIGN 150 AD NPS electronic	42 180 885
PURESIGN/COMSIGN 150 AD NSI	42 180 883

Please order emergency signs separately (including LED and aluminium cover).



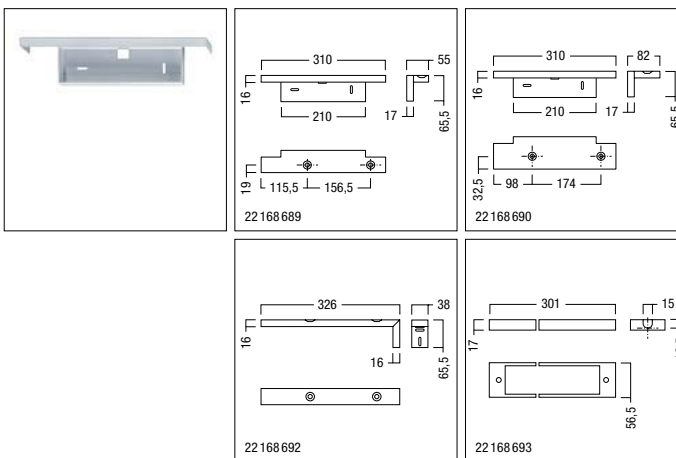
ONLITE COMSIGN 150 installation accessories

Order no.

- 90° bracket made of sheet steel, powder-coated silver, similar to RAL 7035
- Cable duct concealed in mounting bracket
- Extension frame for side cable feed

Accessory

COMSIGN 150 AW 180° NDA/NSI/NPS Wall bracket for parallel surface-mounting	22 168 690
COMSIGN 150 AW 180° NTx Wall bracket for parallel surface-mounting	22 168 689
PURESIGN/COMSIGN 150 AW 90° NDA/NSI/NPS Wall bracket for surface-mounting	22 168 692
PURESIGN/COMSIGN 150 AW 90° NTx Wall bracket for surface-mounting	22 168 691
PURESIGN/COMSIGN 150 FRAME NDA/NSI/NPS Surround	22 168 694
PURESIGN/COMSIGN 150 FRAME NTx Surround	22 168 693



ONLITE COMSIGN 150 ED ceiling-recessed



- Sheet-steel recessed housing in silver powder-coated finish, similar to RAL 7035
- Ultra-simple to fit using level-adjustment kit (included) designed for COMSIGN 150 and PURESIGN 150
- Extruded aluminium cover in powder-coated silver-look finish
- Plug-in terminals for 2.5 mm² conductors; 1.5 mm² for loop-in/loop-out
- LED control gear with “Maintenance Function” guarantees a constant luminous flux over the entire operating life of the LED luminaire (excludes NPS version)
- Address for individual luminaires set mechanically or optically (excluding NPS version)
- Power consumption: NT1 (4.5 W), NT3 (4.5 W)
- Power consumption: NSI (5 W), NDA (4.5 W), NPS (4.5 W)
- NPS: standard 230 V AC/DC 50/60 Hz compatible driver without monitoring

Self contained with monitoring

PURESIGN/COMSIGN 150 ED NT1 1 h	42 180 889
PURESIGN/COMSIGN 150 ED NT3 3 h	42 180 890

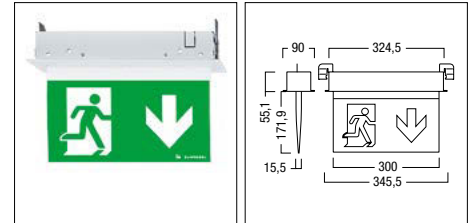
Centrally supplied

PURESIGN/COMSIGN 150 ED NDA	42 180 949
PURESIGN/COMSIGN 150 ED NPS electronic	42 180 893
PURESIGN/COMSIGN 150 ED NSI	42 180 892

Accessory

PURESIGN/COMSIGN 150 ED GEH BETON Concrete casting surround	22 168 778
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Please order emergency signs separately (including LED and aluminium cover).



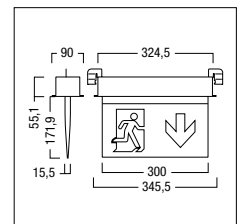
ONLITE COMSIGN 150 AD/ED emergency sign RZ



- Acrylic glass panel with single-sided or dual-sided digitally printed escape route symbol
- LED cover made of die-cast aluminium in powder-coated silver-look finish
- Single-sided emergency sign is printed white on rear
- Emergency sign symbol backlit by LEDs
- Luminance > 500 cd/m² in white area
- Emergency sign 2Rx-LR, left or right direction by rotating luminaire

Emergency sign

COMSIGN 150 AD/ED RZ-1L 1x left arrow, 1x white unprinted	22 168 640
COMSIGN 150 AD/ED RZ-1LO 1x pointing left up, 1x white unprinted	22 900 396
COMSIGN 150 AD/ED RZ-1LU 1x pointing left down, 1x white unprinted	22 900 397
COMSIGN 150 AD/ED RZ-1O 1x pointing up, 1x white unprinted	22 900 392
COMSIGN 150 AD/ED RZ-1R 1x right arrow, 1x white unprinted	22 168 650
COMSIGN 150 AD/ED RZ-1RO 1x pointing right up, 1x white unprinted	22 900 394
COMSIGN 150 AD/ED RZ-1RU 1x pointing right down, 1x white unprinted	22 900 395
COMSIGN 150 AD/ED RZ-1U 1x down arrow, 1x white unprinted	22 168 651
COMSIGN 150 AD/ED RZ-2LR 2x right/left arrows	22 168 652
COMSIGN 150 AD/ED RZ-2LRO 1x pointing left up, 1x pointing right up	22 900 398
COMSIGN 150 AD/ED RZ-2LRU 1x pointing left down, 1x pointing right down	22 900 399
COMSIGN 150 AD/ED RZ-2O 2x pointing up	22 900 393
COMSIGN 150 AD/ED RZ-2U 2x down arrows	22 168 653



[...] Shared properties ONLITE COMSIGN 150

- LED control gear with "Maintenance Function" guarantees a constant luminous flux over the entire operating life of the LED luminaire (excludes NPS version)
- Address for individual luminaires set mechanically or optically (excluding NPS version)
- Power consumption: NT1 (4.5 W), NT3 (4.5 W)
- Power consumption: NSI (5 W), NDA (4.5 W), NPS (4.5 W)
- NPS: standard 230 V AC/DC 50/60 Hz compatible driver without monitoring

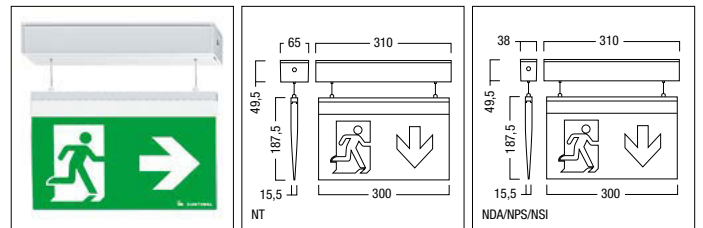
ONLITE COMSIGN 150 ASI surface-mount, cord



- [...]
- Two-piece surface-mount housing made of die-cast aluminium designed to fit pictograms with cord suspension from COMSIGN 150 and PURESIGN 150 range
- Luminaire housing of diecast aluminium, powder-coated silver, similar to RAL 7035
- Simple screw-fitting for luminaire and emergency sign
- Plug-in terminals for 2.5 mm² conductors; 1.5 mm² for loop-in/loop-out

Self contained with monitoring	Order no.	electronic
PURESIGN/COMSIGN 150 ASI NT1 1 h	42 180 902	
PURESIGN/COMSIGN 150 ASI NT3 3 h	42 180 903	
Centrally supplied		
PURESIGN/COMSIGN 150 ASI NDA	42 180 900	
PURESIGN/COMSIGN 150 ASI NPS electronic	42 180 901	
PURESIGN/COMSIGN 150 ASI NSI	42 180 899	

Please order emergency signs separately (including LED and aluminium cover).



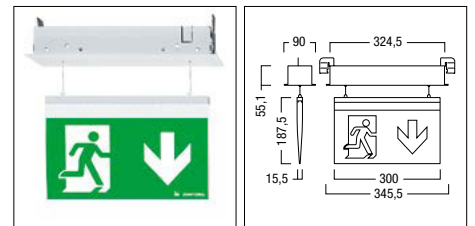
ONLITE COMSIGN 150 ESI recessed, cord



- [...]
- Sheet-steel recessed housing in silver powder-coated finish, similar to RAL 7035
- Ultra-easy to fit using level-adjustment kit (included) designed for pictograms with cord suspension from COMSIGN 150 and PURESIGN 150
- Extruded aluminium cover in powder-coated silver-look finish
- Plug-in terminals for 2.5 mm² conductors; 1.5 mm² for loop-in/loop-out

Self contained with monitoring	Order no.	electronic
PURESIGN/COMSIGN 150 ESI NT1 1 h	42 180 905	
PURESIGN/COMSIGN 150 ESI NT3 3 h	42 180 906	
Centrally supplied		
PURESIGN/COMSIGN 150 ESI NDA	42 180 909	
PURESIGN/COMSIGN 150 ESI NPS electronic	42 180 910	
PURESIGN/COMSIGN 150 ESI NSI	42 180 908	

Please order emergency signs separately (including LED and aluminium cover).



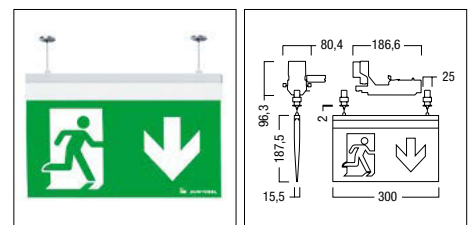
ONLITE COMSIGN 150 RSI remote, cord



- [...]
- Polycarbonate gearbox for installation in ceiling recess in modular ceilings
- Connecting lead between emergency sign and gearbox fitted with strain relief at both ends suitable for COMSIGN 150 and PURESIGN 150 pictograms with cord suspension
- Level can be adjusted without tools using ceiling attachments
- Plug-in terminals for loop-in/loop-out conductor up to 2.5 mm²

Self contained with monitoring	Order no.	electronic
PURESIGN/COMSIGN 150 RSI NT1 1 h	42 180 911	
PURESIGN/COMSIGN 150 RSI NT3 3 h	42 180 912	
Centrally supplied		
PURESIGN/COMSIGN 150 RSI NDA	42 180 915	
PURESIGN/COMSIGN 150 RSI NPS electronic	42 180 916	
PURESIGN/COMSIGN 150 RSI NSI	42 180 914	

Please order emergency signs separately (including LED and aluminium cover).



ONLITE COMSIGN 150 ASI/ESI/RSI emergency sign RZ

Order no.

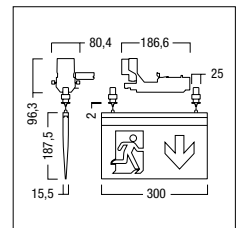


- Acrylic glass panel with single-sided or dual-sided digitally printed escape route symbol
- LED cover made of die-cast aluminium in powder-coated silver-look finish
- Single-sided emergency sign is printed white on rear
- Emergency sign symbol backlit by LEDs
- Luminance > 500 cd/m² in white area
- Fitted to base unit without tools via insulated steel cord
- Emergency sign 2Rx-LR, left or right direction by rotating luminaire

Emergency sign

COMSIGN 150 ASI/ESI/RSI 1500 RZ-1L 1x left arrow, 1x white unprinted	22 168 679
COMSIGN 150 ASI/ESI/RSI 1500 RZ-1LO 1x pointing left up, 1x white unprinted	22 900 388
COMSIGN 150 ASI/ESI/RSI 1500 RZ-1LU 1x pointing left down, 1x white unprinted	22 900 389
COMSIGN 150 ASI/ESI/RSI 1500 RZ-1O 1x pointing up, 1x white unprinted	22 900 384
COMSIGN 150 ASI/ESI/RSI 1500 RZ-1R 1x right arrow, 1x white unprinted	22 168 680
COMSIGN 150 ASI/ESI/RSI 1500 RZ-1RO 1x pointing right up, 1x white unprinted	22 900 386
COMSIGN 150 ASI/ESI/RSI 1500 RZ-1RU 1x pointing right down, 1x white unprinted	22 900 387
COMSIGN 150 ASI/ESI/RSI 1500 RZ-1U 1x down arrow, 1x white unprinted	22 168 681
COMSIGN 150 ASI/ESI/RSI 1500 RZ-2LR 2x right/left arrows	22 168 682
COMSIGN 150 ASI/ESI/RSI 1500 RZ-2LRO 1x pointing left up, 1x pointing right up	22 900 390
COMSIGN 150 ASI/ESI/RSI 1500 RZ-2LRU 1x pointing left down, 1x pointing right down	22 900 391
COMSIGN 150 ASI/ESI/RSI 1500 RZ-2O 2x pointing up	22 900 385
COMSIGN 150 ASI/ESI/RSI 1500 RZ-2U 2x down arrows	22 168 683

DIN 4844 500 cd/m² 30m 850 °C EN1838 **LED**



[...] Shared properties ONLITE PURESIGN 150 AW/EW ERI

- Plug-in terminals for 2.5 mm² conductors; 1.5 mm² for loop-in/loop-out
- LED control gear with "Maintenance Function" guarantees a constant luminous flux over the entire operating life of the LED luminaire (excludes NPS version)
- Address for individual luminaires set mechanically or optically (excluding NPS version)
- ERI (Escape Route Illumination) using two rotatable LED spots as versatile emergency lighting
- Installed load: NT1 (4.5 W), NT3 (5.2 W)
- Power consumption: NSI (5 W), NDA (4.5 W), NPS (4.5 W)
- NPS: standard 230 V AC/DC 50/60 Hz compatible driver without monitoring

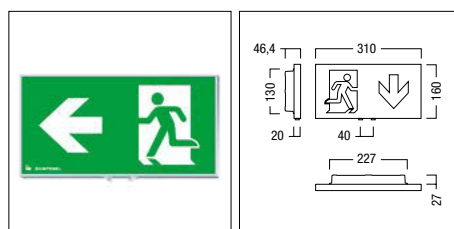
ONLITE PURESIGN 150 AW ERI surface-mount, wall



- [...]
- Surface-mount wall housing made of white polycarbonate for PURESIGN 150 ERI
- Straightforward screw-fitting for luminaire

Self contained with monitoring	Order no.
PURESIGN 150 AW NT1 ERI 1 h	<i>electronic</i> 42 180 939
PURESIGN 150 AW NT3 ERI 3 h	42 180 940
Centrally supplied	
PURESIGN 150 AW NDA ERI	42 180 942
PURESIGN 150 AW NSI ERI	42 180 941

Please order emergency signs separately (including LED and aluminium frame).



ONLITE PURESIGN 150 EW ERI recessed, wall

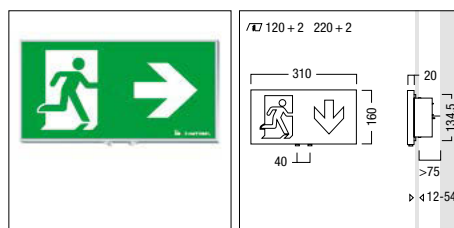


- [...]
- Wall-recessed housing made of white powder-coated sheet steel for PURESIGN 150 ERI
- Ultra-simple to fit thanks to leveling kit (included)

Self contained with monitoring	Order no.
PURESIGN 150 EW NT1 ERI 1 h	<i>electronic</i> 42 180 944
PURESIGN 150 EW NT3 ERI 3 h	42 180 945
Centrally supplied	
PURESIGN 150 EW NDA ERI	42 180 947
PURESIGN 150 EW NSI ERI	42 180 946

Accessory	Order no.
PURESIGN 150 EW GEH BETON Concrete casting surround	22 168 777

Please order emergency signs separately (including LED and aluminium frame).

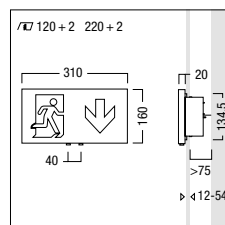
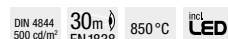


ONLITE PURESIGN 150 AW/EW ERI emergency sign RZ



- Extruded aluminium designer surround in powder-coated, silver-look finish
- ERI (Escape Route Illumination) LEDs and adjustable lenses
- Plastic diffuser made of PC with digitally printed escape route symbol
- Emergency sign symbol backlit by LEDs
- Luminance > 500 cd/m² in white area
- Tool-free installation on base unit

Emergency sign	Order no.
PURESIGN 150 AW/EW RZ-1L ERI left arrow	22 168 701
PURESIGN 150 AW/EW RZ-1LO ERI pointing left up	22 900 417
PURESIGN 150 AW/EW RZ-1LU ERI pointing left down	22 900 419
PURESIGN 150 AW/EW RZ-1O ERI pointing up	22 900 411
PURESIGN 150 AW/EW RZ-1R ERI right arrow	22 168 702
PURESIGN 150 AW/EW RZ-1RO ERI pointing right up	22 900 413
PURESIGN 150 AW/EW RZ-1RU ERI pointing right down	22 900 415
PURESIGN 150 AW/EW RZ-1U ERI down arrow	22 168 703



[...] Shared properties ONLITE PURESIGN 150 AW/EW

- Plug-in terminals for 2.5 mm² conductors; 1.5 mm² for loop-in/loop-out
- LED control gear with "Maintenance Function" guarantees a constant luminous flux over the entire operating life of the LED luminaire (excludes NPS version)
- Address for individual luminaires set mechanically or optically (excluding NPS version)
- Power consumption: NT1 (4.5 W), NT3 (4.5 W)
- Power consumption: NSI (5 W), NDA (4.5 W), NPS (4.5 W)
- NPS: standard 230 V AC/DC 50/60 Hz compatible driver without monitoring

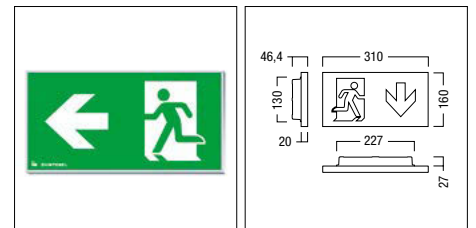
ONLITE PURESIGN 150 AW surface-mount, wall



- [...]
- Surface-mount wall housing made of white polycarbonate for PURESIGN 150
- Straightforward screw-fitting for luminaire

	Order no.
Self contained with monitoring	<i>electronic</i>
PURESIGN 150 AW NT1 1 h	42 180 927
PURESIGN 150 AW NT3 3 h	42 180 928
Centrally supplied	
PURESIGN 150 AW NDA	42 180 931
PURESIGN 150 AW NPS electronic	42 180 932
PURESIGN 150 AW NSI	42 180 930

Please order emergency signs separately (including LED and aluminium frame).



ONLITE PURESIGN 150 EW surface-mount, wall

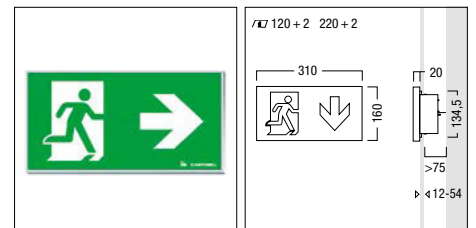


- [...]
- Wall-recessed housing made of white powder-coated sheet steel for PURESIGN 150
- Ultra-simple to fit thanks to leveling kit (included)

	Order no.
Self contained with monitoring	<i>electronic</i>
PURESIGN 150 EW NT1 1 h	42 180 933
PURESIGN 150 EW NT3 3 h	42 180 934
Centrally supplied	
PURESIGN 150 EW NDA	42 180 937
PURESIGN 150 EW NPS electronic	42 180 938
PURESIGN 150 EW NSI	42 180 936

Accessory	
PURESIGN 150 EW GEH BETON Concrete casting surround	22 168 777

Please order emergency signs separately (including LED and aluminium frame).



ONLITE PURESIGN 150 AW/EW emergency sign RZ

Order no.



- Extruded aluminium designer surround in powder-coated, silver-look finish
- Plastic diffuser made of PC with digitally printed escape route symbol
- Emergency sign symbol backlit by LEDs
- Luminance > 500 cd/m² in white area
- Tool-free installation on base unit

Emergency sign

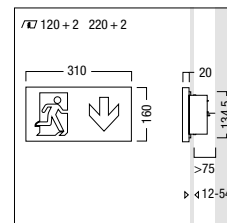
PURESIGN 150 AW/EW RZ-1L left arrow	22 168 695
PURESIGN 150 AW/EW RZ-1LO pointing left up	22 900 416
PURESIGN 150 AW/EW RZ-1LU pointing left down	22 900 418
PURESIGN 150 AW/EW RZ-1O pointing up	22 900 410
PURESIGN 150 AW/EW RZ-1R right arrow	22 168 696
PURESIGN 150 AW/EW RZ-1RO pointing right up	22 900 412
PURESIGN 150 AW/EW RZ-1RU pointing right down	22 900 414
PURESIGN 150 AW/EW RZ-1U down arrow	22 168 697

DIN 4844
500 cd/m²

30m
EN 1838

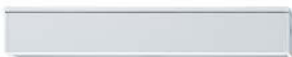
850 °C

incl. LED



ONLITE PURESIGN 150 AD ERI ceiling surface-mount

Order no.



- Two-piece surface-mount housing made of die-cast aluminium designed to fit PURESIGN 150 ERI
- Luminaire housing of diecast aluminium, powder-coated silver, similar to RAL 7035
- Simple screw-fitting for luminaire and emergency sign
- Plug-in terminals for 2.5 mm² conductors; 1.5 mm² for loop-in/loop-out
- LED control gear with "Maintenance Function" guarantees a constant luminous flux over the entire operating life of the LED luminaire (excludes NPS version)
- Address for individual luminaires set mechanically or optically (excluding NPS version)
- ERI (Escape Route Illumination) using two rotatable LED spots as versatile emergency lighting
- Installed load: NT1 (4.5 W), NT3 (5.2 W)
- Installed load: NSI (5 W), NDA (4.5 W)

Self contained with monitoring

PURESIGN 150 AD NT1 ERI 1 h	42 180 920
PURESIGN 150 AD NT3 ERI 3 h	42 180 921

Centrally supplied

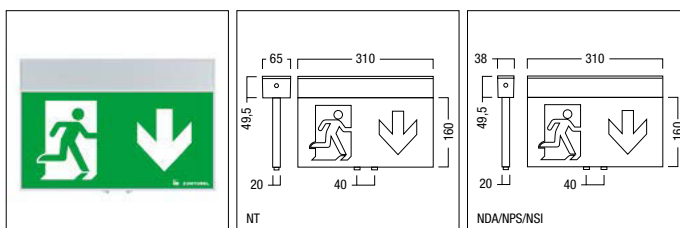
PURESIGN 150 AD NDA ERI	42 180 918
PURESIGN 150 AD NSI ERI	42 180 917

Please order emergency signs separately (including LED and aluminium frame).

halogen

850 °C

incl. LED



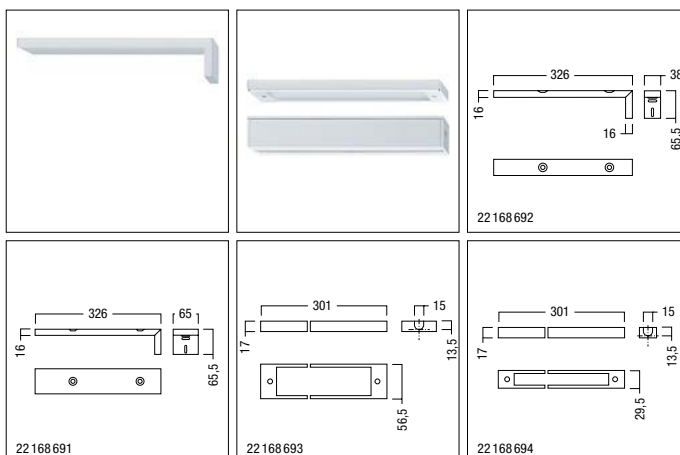
ONLITE PURESIGN 150 AD installation accessories

Order no.

- 90° bracket made of sheet steel, powder-coated silver, similar to RAL 7035
- Cable duct concealed in mounting bracket
- Extension frame for side cable feed

Accessory

PURESIGN/COMSIGN 150 AW 90° NDA/NSI/NPS Wall bracket for surface-mounting	22 168 692
PURESIGN/COMSIGN 150 AW 90° NTx Wall bracket for surface-mounting	22 168 691
PURESIGN/COMSIGN 150 FRAME NDA/NSI/NPS Surround	22 168 694
PURESIGN/COMSIGN 150 FRAME NTx Surround	22 168 693



ONLITE PURESIGN 150 ED ERI ceiling-recessed



- Ceiling-recessed housing made of white powder-coated sheet steel for PURESIGN 150 ERI
- Extremely easy to install using leveling kit
- Extruded aluminium cover in powder-coated silver-look finish
- Plug-in terminals for 2.5 mm² conductors; 1.5 mm² for loop-in/loop-out
- LED control gear with "Maintenance Function" guarantees a constant luminous flux over the entire operating life of the LED luminaire (excludes NPS version)
- Address for individual luminaires set mechanically or optically (excluding NPS version)
- ERI (Escape Route Illumination) using two rotatable LED spots as versatile emergency lighting
- Installed load: NT1 (4.5 W), NT3 (5.2 W)
- Power consumption: NSI (5 W), NDA (4.5 W), NPS (4.5 W)
- NPS: standard 230 V AC/DC 50/60 Hz compatible driver without monitoring

Self contained with monitoring

PURESIGN 150 ED NT1 ERI 1 h	42 180 922
PURESIGN 150 ED NT3 ERI 3 h	42 180 923

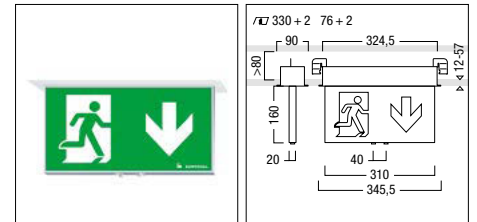
Centrally supplied

PURESIGN 150 ED NDA ERI	42 180 925
PURESIGN 150 ED NSI ERI	42 180 924

Accessory

PURESIGN/COMSIGN 150 ED GEH BETON Concrete casting surround	22 168 778
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Please order emergency signs separately (including LED and aluminium frame).



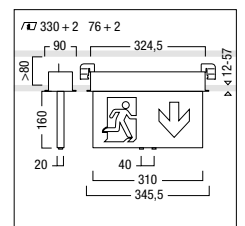
ONLITE PURESIGN 150 AD/ED ERI emergency sign RZ



- Extruded aluminium designer surround in powder-coated, silver-look finish
- ERI (Escape Route Illumination) LEDs and adjustable lenses
- Plastic diffuser made of PC with digitally printed escape route symbol
- Emergency sign symbol backlit by LEDs
- Luminance > 500 cd/m² in white area
- Fits easily onto base unit
- Emergency sign 2Rx-LR, left or right direction by rotating luminaire

Emergency sign

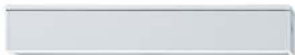
PURESIGN 150 AD/ED RZ-1L ERI 1x left arrow, 1x white unprinted	22 168 669
PURESIGN 150 AD/ED RZ-1LO ERI 1x pointing left up, 1x white unprinted	22 900 424
PURESIGN 150 AD/ED RZ-1LU ERI 1x pointing left down, 1x white unprinted	22 900 425
PURESIGN 150 AD/ED RZ-1O ERI 1x pointing up, 1x white unprinted	22 900 420
PURESIGN 150 AD/ED RZ-1R ERI 1x right arrow, 1x white unprinted	22 168 670
PURESIGN 150 AD/ED RZ-1RO ERI 1x pointing right up, 1x white unprinted	22 900 422
PURESIGN 150 AD/ED RZ-1RU ERI 1x pointing right down, 1x white unprinted	22 900 423
PURESIGN 150 AD/ED RZ-1U ERI 1x down arrow, 1x white unprinted	22 168 671
PURESIGN 150 AD/ED RZ-2LR ERI 2x right/left arrows	22 168 672
PURESIGN 150 AD/ED RZ-2LRO ERI 1x pointing left up, 1x pointing right up	22 900 426
PURESIGN 150 AD/ED RZ-2LRU ERI 1x pointing left down, 1x pointing right down	22 900 427
PURESIGN 150 AD/ED RZ-2O ERI 2x pointing up	22 900 421
PURESIGN 150 AD/ED RZ-2U ERI 2x down arrows	22 168 673



[...] Shared properties ONLITE PURESIGN 150 AD/ED

- Plug-in terminals for 2.5 mm² conductors; 1.5 mm² for loop-in/loop-out
- LED control gear with "Maintenance Function" guarantees a constant luminous flux over the entire operating life of the LED luminaire (excludes NPS version)
- Address for individual luminaires set mechanically or optically (excluding NPS version)
- Power consumption: NT1 (4.5 W), NT3 (4.5 W)
- Power consumption: NT3 (4.5 W), NTA (4.5 W), NPS (4.5 W)
- NPS: standard 230 V AC/DC 50/60 Hz compatible driver without monitoring

ONLITE PURESIGN 150 AD ceiling surface-mount

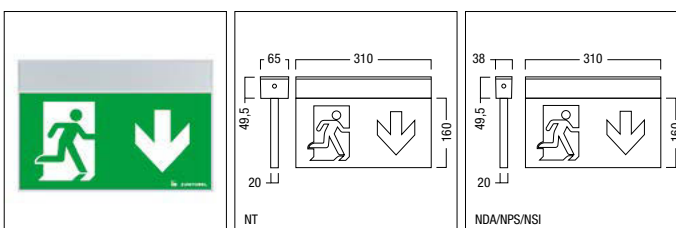


- [...]
- Two-piece surface-mount housing made of die cast aluminium to fit COMSIGN 150 and PURESIGN 150
- Luminaire housing of diecast aluminium, powder-coated silver, similar to RAL 7035
- Simple screw-fitting for luminaire and emergency sign

Self contained with monitoring	Order no.
PURESIGN/COMSIGN 150 AD NT1 1 h	<i>electronic</i> 42 180 886
PURESIGN/COMSIGN 150 AD NT3 3 h	42 180 887

Centrally supplied	Order no.
PURESIGN/COMSIGN 150 AD NDA	42 180 884
PURESIGN/COMSIGN 150 AD NPS electronic	42 180 885
PURESIGN/COMSIGN 150 AD NSI	42 180 883

Please order emergency signs separately (including LED and aluminium frame).



ONLITE PURESIGN 150 ED ceiling-recessed



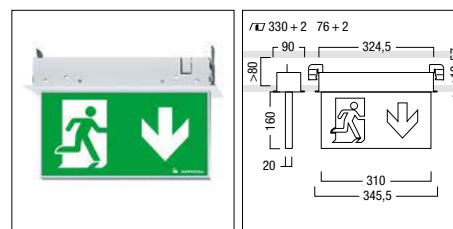
- [...]
- Sheet-steel recessed housing in silver powder-coated finish, similar to RAL 7035
- Ultra-simple to fit using level-adjustment kit (included) designed for COMSIGN 150 and PURESIGN 150
- Extruded aluminium cover in powder-coated silver-look finish

Self contained with monitoring	Order no.
PURESIGN/COMSIGN 150 ED NT1 1 h	<i>electronic</i> 42 180 889
PURESIGN/COMSIGN 150 ED NT3 3 h	42 180 890

Centrally supplied	Order no.
PURESIGN/COMSIGN 150 ED NDA	42 180 949
PURESIGN/COMSIGN 150 ED NPS electronic	42 180 893
PURESIGN/COMSIGN 150 ED NSI	42 180 892

Accessory	Order no.
PURESIGN/COMSIGN 150 ED GEH BETON Concrete casting surround	22 168 778

Please order emergency signs separately (including LED and aluminium frame).



ONLITE PURESIGN 150 TEC TECTON continuous-row lighting system



Order no.

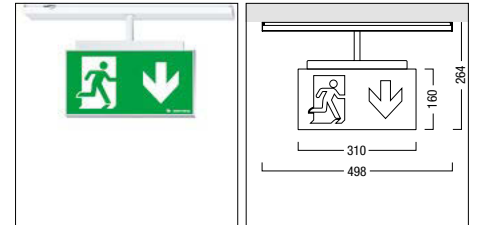
- TECTON pendant suspension
- Adapter for COMSIGN 150 and PURESIGN 150 fitted without tools
- Phase/neutral conductor for the emergency circuit can be chosen to suit
- LED control gear with "Maintenance Function" guarantees a constant luminous flux over the entire operating life of the LED luminaire (excludes NPS version)
- Address for individual luminaires set mechanically or optically (excluding NPS version)
- Power consumption: NT1 (4.5 W), NT3 (4.5 W)
- Power consumption: NSI (5 W), NDA (4.5 W), NPS (4.5 W)
- NPS: standard 230 V AC/DC 50/60 Hz compatible driver without monitoring

Centrally supplied

PURESIGN 150 TEC-GP NDA	42 183 157
PURESIGN 150 TEC-GP NPS	42 183 158

Self contained with monitoring; white

PURESIGN 150 TEC-GP NSI	42 183 156
PURESIGN 150 TEC-GP NT1 1h	42 183 154
PURESIGN 150 TEC-GP NT3 3h	42 183 155



ONLITE PURESIGN 150 AD/ED/TEC emergency sign RZ



Order no.

- Extruded aluminium designer surround in powder-coated, silver-look finish
- Plastic diffuser made of PC with digitally printed escape route symbol
- Emergency sign symbol backlit by LEDs
- Luminance > 500 cd/m² in white area
- Fits easily onto base unit
- Emergency sign 2Rx-LR, left or right direction by rotating luminaire

Emergency sign

PURESIGN 150 AD/ED/TEC RZ-1L 1x left arrow, 1x white unprinted	22 168 639
PURESIGN 150 AD/ED/TEC RZ-1LO 1x pointing left up, 1x white unprinted	22 900 432
PURESIGN 150 AD/ED/TEC RZ-1LU 1x pointing left down, 1x white unprinted	22 900 433
PURESIGN 150 AD/ED/TEC RZ-1O 1x pointing up, 1x white unprinted	22 900 428
PURESIGN 150 AD/ED/TEC RZ-1R 1x right arrow, 1x white unprinted	22 168 641
PURESIGN 150 AD/ED/TEC RZ-1RO 1x pointing right up, 1x white unprinted	22 900 430
PURESIGN 150 AD/ED/TEC RZ-1RU 1x pointing right down, 1x white unprinted	22 900 431
PURESIGN 150 AD/ED/TEC RZ-1U 1x down arrow, 1x white unprinted	22 168 642
PURESIGN 150 AD/ED/TEC RZ-2LR 2x right/left arrows	22 168 643
PURESIGN 150 AD/ED/TEC RZ-2LRO 1x pointing left up, 1x pointing right up	22 900 434
PURESIGN 150 AD/ED/TEC RZ-2LRU 1x pointing left down, 1x pointing right down	22 900 435
PURESIGN 150 AD/ED/TEC RZ-2O 2x pointing up	22 900 429
PURESIGN 150 AD/ED/TEC RZ-2U 2x down arrows	22 168 644



[...] Shared properties ONLITE PURESIGN 150 ASI/ESI/RSI

- LED control gear with "Maintenance Function" guarantees a constant luminous flux over the entire operating life of the LED luminaire (excludes NPS version)
- Address for individual luminaires set mechanically or optically (excluding NPS version)
- Power consumption: NT1 (4.5 W), NT3 (4.5 W)
- Power consumption: NSI (5 W), NDA (4.5 W), NPS (4.5 W)
- NPS: standard 230 V AC/DC 50/60 Hz compatible driver without monitoring

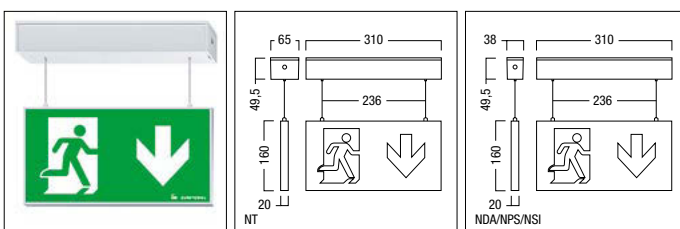
ONLITE PURESIGN 150 ASI surface-mount, cord



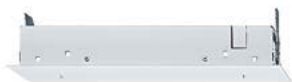
- [...]
- Two-piece surface-mount housing made of die-cast aluminium designed to fit pictograms with cord suspension from COMSIGN 150 and PURESIGN 150 range
- Luminaire housing of diecast aluminium, powder-coated silver, similar to RAL 7035
- Simple screw-fitting for luminaire and emergency sign
- Plug-in terminals for 2.5 mm² conductors; 1.5 mm² for loop-in/loop-out

Self contained with monitoring		Order no.
PURESIGN/COMSIGN 150 ASI NT1 1 h		<i>electronic</i> 42 180 902
PURESIGN/COMSIGN 150 ASI NT3 3 h		42 180 903
Centrally supplied		
PURESIGN/COMSIGN 150 ASI NDA		42 180 900
PURESIGN/COMSIGN 150 ASI NPS electronic		42 180 901
PURESIGN/COMSIGN 150 ASI NSI		42 180 899

Please order emergency signs separately (including LED and aluminium frame).



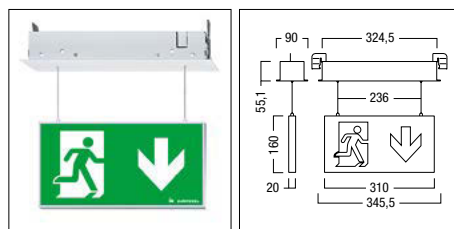
ONLITE PURESIGN 150 ESI recessed, cord



- [...]
- Sheet-steel recessed housing in silver powder-coated finish, similar to RAL 7035
- Ultra-easy to fit using level-adjustment kit (included) designed for pictograms with cord suspension from COMSIGN 150 and PURESIGN 150
- Extruded aluminium cover in powder-coated silver-look finish
- Plug-in terminals for 2.5 mm² conductors; 1.5 mm² for loop-in/loop-out

Self contained with monitoring		Order no.
PURESIGN/COMSIGN 150 ESI NT1 1 h		<i>electronic</i> 42 180 905
PURESIGN/COMSIGN 150 ESI NT3 3 h		42 180 906
Centrally supplied		
PURESIGN/COMSIGN 150 ESI NDA		42 180 909
PURESIGN/COMSIGN 150 ESI NPS electronic		42 180 910
PURESIGN/COMSIGN 150 ESI NSI		42 180 908

Please order emergency signs separately (including LED and aluminium frame).



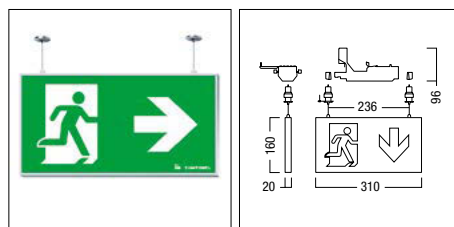
ONLITE PURESIGN 150 RSI remote, cord



- [...]
- Polycarbonate gearbox for installation in ceiling recess in modular ceilings
- Connecting lead between emergency sign and gearbox fitted with strain relief at both ends suitable for COMSIGN 150 and PURESIGN 150 pictograms with cord suspension
- Level can be adjusted without tools using ceiling attachments
- Plug-in terminals for loop-in/loop-out conductor up to 2.5 mm²

Self contained with monitoring		Order no.
PURESIGN/COMSIGN 150 RSI NT1 1 h		<i>electronic</i> 42 180 911
PURESIGN/COMSIGN 150 RSI NT3 3 h		42 180 912
Centrally supplied		
PURESIGN/COMSIGN 150 RSI NDA		42 180 915
PURESIGN/COMSIGN 150 RSI NPS electronic		42 180 916
PURESIGN/COMSIGN 150 RSI NSI		42 180 914

Please order emergency signs separately (including LED and aluminium frame).



ONLITE PURESIGN 150 ASI/ESI/RSI emergency sign RZ

Order no.



- Extruded aluminium designer surround in powder-coated, silver-look finish
- Plastic diffuser made of PC with digitally printed escape route symbol
- Emergency sign symbol backlit by LEDs
- Luminance > 500 cd/m² in white area
- Fitted to base unit without tools via insulated steel cord
- Emergency sign 2Rx-LR, left or right direction by rotating luminaire

Emergency sign

PURESIGN 150 ASI/ESI/RSI 1500 RZ-1L 1x left arrow, 1x white unprinted	22 168 659
PURESIGN 150 ASI/ESI/RSI 1500 RZ-1LO 1x pointing left up, 1x white unprinted	22 900 440
PURESIGN 150 ASI/ESI/RSI 1500 RZ-1LU 1x pointing left down, 1x white unprinted	22 900 441
PURESIGN 150 ASI/ESI/RSI 1500 RZ-1O 1x pointing up, 1x white unprinted	22 900 436
PURESIGN 150 ASI/ESI/RSI 1500 RZ-1R 1x right arrow, 1x white unprinted	22 168 660
PURESIGN 150 ASI/ESI/RSI 1500 RZ-1RO 1x pointing right up, 1x white unprinted	22 900 438
PURESIGN 150 ASI/ESI/RSI 1500 RZ-1RU 1x pointing right down, 1x white unprinted	22 900 439
PURESIGN 150 ASI/ESI/RSI 1500 RZ-1U 1x down arrow, 1x white unprinted	22 168 661
PURESIGN 150 ASI/ESI/RSI 1500 RZ-2LR 2x right/left arrows	22 168 662
PURESIGN 150 ASI/ESI/RSI 1500 RZ-2LRO 1x pointing left up, 1x pointing right up	22 900 442
PURESIGN 150 ASI/ESI/RSI 1500 RZ-2LRU 1x pointing left down, 1x pointing right down	22 900 443
PURESIGN 150 ASI/ESI/RSI 1500 RZ-2O 2x pointing up	22 900 437
PURESIGN 150 ASI/ESI/RSI 1500 RZ-2U 2x down arrows	22 168 663

DIN 4844 500 cd/m ²	30m EN 1838	850 °C	incl. LED
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[...] Shared properties ONLITE CROSSIGN 110 AB

- White polycarbonate surface-mount housing
- Cable feed possible from all sides
- Plug-in terminals for 2.5 mm² conductors; 1.5 mm² for loop-in/loop-out
- Frameless pictogram can be fitted
- without tools
- LED control gear with "Maintenance Function" guarantees a constant luminous flux over the entire operating life of the LED luminaire (excludes NPS version)
- Address for individual luminaires
- set mechanically or optically (excluding NPS version)
- Power consumption: NSI (5 W), NDA (4.5 W), NPS (4.5 W)
- NPS: standard 230 V AC/DC 50/60 Hz compatible driver without monitoring

ONLITE CROSSIGN 110 AB ERI surface-mount



- [...]
- ERI (Escape Route Illumination) using two rotatable LED spots as versatile emergency lighting
- Installed load: NT1 (4.5 W), NT3 (5.2 W)

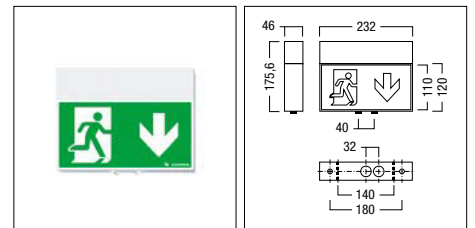
Self contained with monitoring

	<i>electronic</i>
CROSSIGN 110 AB LED NT1 ERI 1 h	42 180 803
CROSSIGN 110 AB LED NT3 ERI 3 h	42 180 804

Centrally supplied

CROSSIGN 110 AB LED NDA ERI	42 180 806
CROSSIGN 110 AB LED NSI ERI	42 180 805

Please order emergency signs separately.



ONLITE CROSSIGN 110 AB surface-mount



- [...]
- Power consumption: NT1 (4.5 W), NT3 (4.5 W)

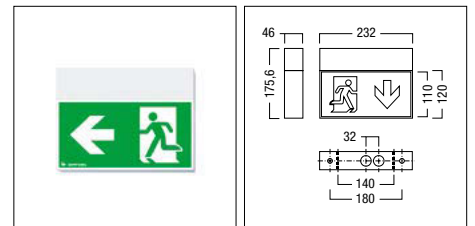
Self contained with monitoring

	<i>electronic</i>
CROSSIGN 110 AB LED NT1 1 h	42 180 798
CROSSIGN 110 AB LED NT3 3 h	42 180 799

Centrally supplied

CROSSIGN 110 AB LED NDA	42 180 801
CROSSIGN 110 AB LED NPS electronic	42 180 802
CROSSIGN 110 AB LED NSI	42 180 800

Please order emergency signs separately.



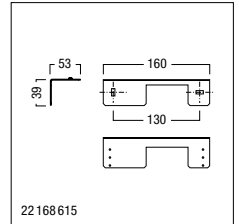
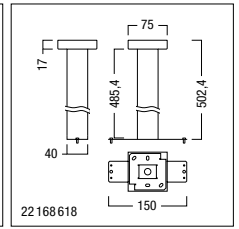
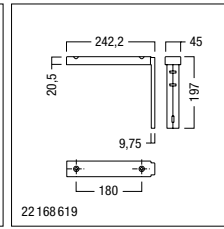
ONLITE CROSSIGN 110 AB installation accessories

Order no.

- 90° bracket made of sheet steel, powder-coated white, RAL 9016
- Cable duct concealed in mounting bracket

Accessory

CROSSIGN 110 AW 90° Wall bracket for surface-mounting	22 168 619
CROSSIGN 110+160 API 500 Pendant suspension	22 168 618
CROSSIGN 110+160 ASI 2000 Cord suspension	22 168 617
CROSSIGN 110+160 AW 180° Wall bracket for parallel surface-mounting	22 168 615



[...] Shared properties ONLITE CROSSIGN 110 TEC

- TECTON pendant suspension
- Adapter fitted without tools
- Phase/neutral conductor for the emergency circuit can be chosen to suit
- In the self-contained models (NT1 and NT3), the NiMh battery is replaced without tools
- Housing made of white polycarbonate
- Frameless pictogram can be fitted without tools
- LED control gear with "Maintenance Function" guarantees a constant luminous flux over the entire operating life of the LED luminaire (excludes NPS version)
- Address for individual luminaires set mechanically or optically (excluding NPS version)
- Power consumption: NSI (5 W), NDA (4.5 W), NPS (4.5 W)
- NPS: standard 230 V AC/DC 50/60 Hz compatible driver without monitoring

ONLITE CROSSIGN 110 TEC ERI TECTON continuous-row lighting system

Order no.



- [...]
- ERI (Escape Route Illumination) using two rotatable LED spots as versatile emergency lighting
- Installed load: NT1 (4.5 W), NT3 (5.2 W)

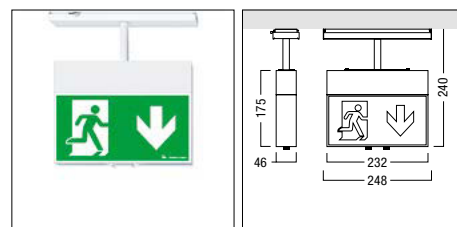
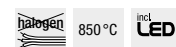
Self contained with monitoring

CROSSIGN 110 TEC-GP NT1 ERI 1h	42 183 148
CROSSIGN 110 TEC-GP NT3 ERI 3h	42 183 149

Centrally supplied

CROSSIGN 110 TEC-GP NDA ERI	42 183 151
CROSSIGN 110 TEC-GP NSI ERI	42 183 150

Please order emergency signs separately.



ONLITE CROSSIGN 110 TEC TECTON continuous-row lighting system

Order no.



- [...]
- Power consumption: NT1 (4.5 W), NT3 (4.5 W)

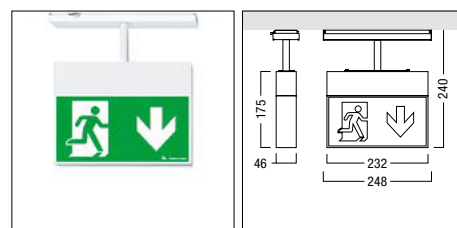
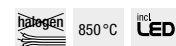
Self contained with monitoring

CROSSIGN 110 TEC-GP NT1 1h	42 183 143
CROSSIGN 110 TEC-GP NT3 3h	42 183 144

Centrally supplied

CROSSIGN 110 TEC-GP NDA	42 183 146
CROSSIGN 110 TEC-GP NPS	42 183 147
CROSSIGN 110 TEC-GP NSI	42 183 145

Please order emergency signs separately.



ONLITE CROSSIGN 110 AB/TEC emergency sign RZ

Order no.



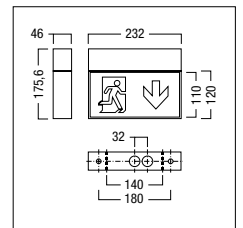
- Opal polycarbonate diffuser with digitally printed escape route symbol
- Emergency sign symbol backlit by LEDs
- Luminance > 500 cd/m² in white area
- Tool-free installation on base unit
- Emergency sign Rx-2S, left or right direction by rotating luminaire

Emergency sign

CROSSIGN 110 2RZ-1L 1x left arrow, 1x white unprinted	22 168 605
CROSSIGN 110 2RZ-1R 1x right arrow, 1x white unprinted	22 168 606
CROSSIGN 110 2RZ-1U 1x down arrow, 1x white unprinted	22 168 604
CROSSIGN 110 2RZ-2U 2x down arrows	22 168 607
CROSSIGN 110 2RZ-LR 2x right/left arrows	22 168 608
CROSSIGN 110 RZ-1LO 1x pointing left up, 1x white unprinted	22 900 357
CROSSIGN 110 RZ-1LU 1x pointing left down, 1x white unprinted	22 900 358
CROSSIGN 110 RZ-1O 1x pointing up, 1x white unprinted	22 900 362
CROSSIGN 110 RZ-1RO 1x pointing right up, 1x white unprinted	22 900 355
CROSSIGN 110 RZ-1RU 1x pointing right down, 1x white unprinted	22 900 356
CROSSIGN 110 RZ-2LRO 1x pointing left up, 1x pointing right up	22 900 359
CROSSIGN 110 RZ-2LRU 1x pointing left down, 1x pointing right down	22 900 360
CROSSIGN 110 RZ-2O 2x pointing up	22 900 361

DIN 4844
500 cd/m²
EN 1838

22m
850 °C



[...] Shared properties ONLITE CROSSIGN 160 AB

- White polycarbonate surface-mount housing
- Basic version can be mounted on ceiling without use of tools
- Cable feed possible from all sides
- Plug-in terminals for 2.5 mm² conductors; 1.5 mm² for loop-in/loop-out
- Frameless pictogram can be fitted without tools
- LED control gear with "Maintenance Function" guarantees a constant luminous flux over the entire operating life of the LED luminaire (excludes NPS version)
- Address for individual luminaires set mechanically or optically (excluding NPS version)

ONLITE CROSSIGN 160 AB ERI surface-mount



- [...]
- ERI (Escape Route Illumination) using two rotatable LED spots as versatile emergency lighting
- Installed load: NT1 (5.8 W), NT3 (6.5 W)
- Power consumption: NSI (6 W), NDA (6 W)

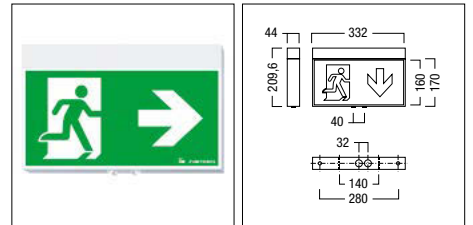
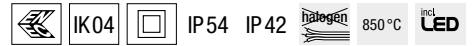
Centrally supplied

CROSSIGN 160 AB LED NDA ERI	42 180 796
CROSSIGN 160 AB LED NDA ERI	42 181 391
CROSSIGN 160 AB LED NSI ERI	42 180 795
CROSSIGN 160 AB LED NSI ERI	42 181 390

Self contained with monitoring

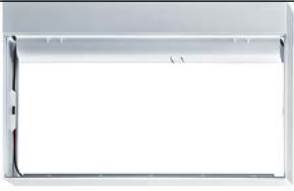
CROSSIGN 160 AB LED NT1 ERI 1 h electronic	42 180 793
CROSSIGN 160 AB LED NT1 ERI 1 h electronic	42 181 388
CROSSIGN 160 AB LED NT3 ERI 3 h electronic	42 180 794
CROSSIGN 160 AB LED NT3 ERI 3 h electronic	42 181 389

Please order emergency signs separately.



Order no.

ONLITE CROSSIGN 160 AB surface-mount



- [...]
- Installed load: NT1 (5.8 W), NT3 (5.8 W)
- Power consumption: NSI (6 W), NDA (5.5 W), NPS (5.5 W)
- NPS: standard 230 V AC/DC 50/60 Hz compatible driver without monitoring

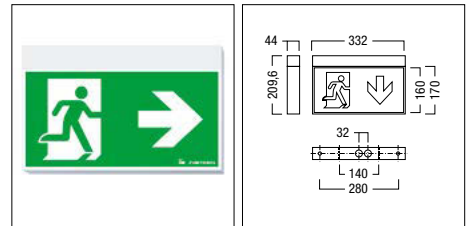
Centrally supplied

CROSSIGN 160 AB LED NDA	42 181 386
CROSSIGN 160 AB LED NPS	42 181 387
CROSSIGN 160 AB LED NSI	42 181 385

Self contained with monitoring

CROSSIGN 160 AB LED NT1 1 h electronic	42 180 768
CROSSIGN 160 AB LED NT1 1 h electronic	42 181 383
CROSSIGN 160 AB LED NT3 3 h electronic	42 180 769
CROSSIGN 160 AB LED NT3 3 h electronic	42 181 384

Please order emergency signs separately (including LED and aluminium cover).



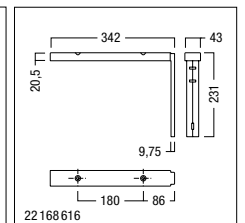
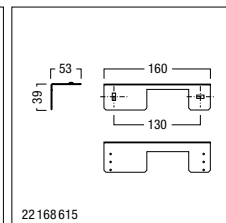
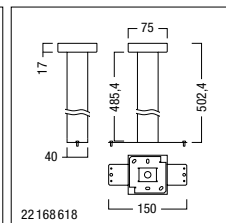
Order no.

ONLITE CROSSIGN 160 AB installation accessories

- 90° bracket made of sheet steel, powder-coated white, RAL 9016
- Cable duct concealed in mounting bracket

Accessory

CROSSIGN 110+160 API 500 Pendant suspension	22 168 618
CROSSIGN 110+160 ASI 2000 Cord suspension	22 168 617
CROSSIGN 110+160 AW 180° Wall bracket for parallel surface-mounting	22 168 615
CROSSIGN 160 AW 90° Wall bracket for surface-mounting	22 168 616



Order no.



[...] Shared properties ONLITE CROSSIGN 160 TEC

- TECTON pendant suspension
- Adapter fitted without tools
- Phase/neutral conductor for the emergency circuit can be chosen to suit
- In the self-contained models (NT1 and NT3), the NiMh battery is replaced without tools
- Housing made of white polycarbonate
- Frameless pictogram can be fitted without tools
- LED control gear with "Maintenance Function" guarantees a constant luminous flux over the entire operating life of the LED luminaire (excludes NPS version)
- Address for individual luminaires set mechanically or optically (excluding NPS version)

ONLITE CROSSIGN 160 TEC ERI TECTON continuous-row lighting system



- [...]
- ERI (Escape Route Illumination) using two rotatable LED spots as versatile emergency lighting
- Installed load: NT1 (5.8 W), NT3 (6.5 W)
- Power consumption: NSI (6 W), NDA (6 W)

Self contained with monitoring

CROSSIGN 160 TEC-GP NT1 ERI 1h	42 183 139
CROSSIGN 160 TEC-GP NT3 ERI 3h	42 183 140

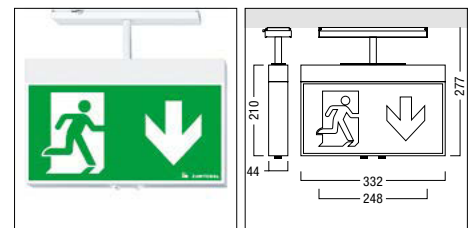
Centrally supplied

CROSSIGN 160 TEC-GP NDA ERI	42 183 142
CROSSIGN 160 TEC-GP NSI ERI	42 183 141

Please order emergency signs separately.

Order no.

IP54 IP42  850°C 



ONLITE CROSSIGN 160 TEC TECTON continuous-row lighting system



- [...]
- Installed load: NT1 (5.8 W), NT3 (5.8 W)
- Power consumption: NSI (6 W), NDA (5.5 W), NPS (5.5 W)
- NPS: standard 230 V AC/DC 50/60 Hz compatible driver without monitoring

Self contained with monitoring

CROSSIGN 160 TEC-GP NT1 1h	42 183 134
CROSSIGN 160 TEC-GP NT3 3h	42 183 135

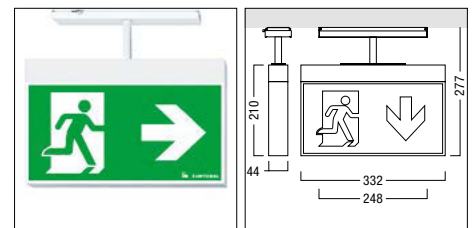
Centrally supplied

CROSSIGN 160 TEC-GP NDA	42 183 137
CROSSIGN 160 TEC-GP NPS	42 183 138
CROSSIGN 160 TEC-GP NSI	42 183 136

Please order emergency signs separately.

Order no.

IP54 IP42  850°C 



ONLITE CROSSIGN 160 AB/TEC emergency sign RZ

Order no.

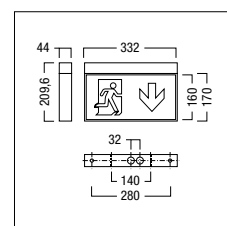


- Opal polycarbonate diffuser with digitally printed escape route symbol
- Emergency sign symbol backlit by LEDs
- Luminance > 500 cd/m² in white area
- Tool-free installation on base unit
- Emergency sign Rx-2S, left or right direction by rotating luminaire

Emergency sign

CROSSIGN 160 2RZ-1L 1x left arrow, 1x white unprinted	22 168 595
CROSSIGN 160 2RZ-1R 1x right arrow, 1x white unprinted	22 168 596
CROSSIGN 160 2RZ-1U 1x down arrow, 1x white unprinted	22 168 614
CROSSIGN 160 2RZ-2U 2x down arrows	22 168 597
CROSSIGN 160 2RZ-LR 2x right/left arrows	22 168 598
CROSSIGN 160 RZ-1LO 1x pointing left up, 1x white unprinted	22 900 367
CROSSIGN 160 RZ-1LU 1x pointing left down, 1x white unprinted	22 900 368
CROSSIGN 160 RZ-1O 1x pointing up, 1x white unprinted	22 900 363
CROSSIGN 160 RZ-1RO 1x pointing right up, 1x white unprinted	22 900 365
CROSSIGN 160 RZ-1RU 1x pointing right down, 1x white unprinted	22 900 366
CROSSIGN 160 RZ-2LRO 1x pointing left up, 1x pointing right up	22 900 369
CROSSIGN 160 RZ-2LRU 1x pointing left down, 1x pointing right down	22 900 370
CROSSIGN 160 RZ-2O 2x pointing up	22 900 364

DIN 4844
500 cd/m² **32m** 850 °C
EN1838

**ONLITE ECOSIGN AB surface mount**

Order no.



- Housing made of white polycarbonate with metal clips along the sides
- Cable input from any side, with versatile cable guide in base of housing
- Plug-in terminals for through-wiring, max. 2.5 mm²
- Plenty of space for cables in wiring box
- LED control gear with "maintenance function" for constant luminance over the entire lifetime of the luminaire
- Installed load: NT1 (6.21 W), NT3 (6.78 W)
- Power consumption: NSI (5.7 W), NDA (5.7 W)
- Frameless pictogram can be fitted without tools
- NiMh batteries in the self-contained models (NT1 and NT3) can be replaced easily

Self contained with monitoring

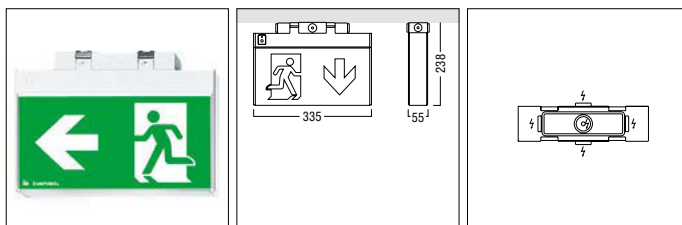
ECOSIGN C AB LED NT1 1 h	42 180 503
ECOSIGN C AB LED NT3 3 h	42 180 504

Centrally supplied

ECOSIGN C AB LED NDA	42 180 506
ECOSIGN C AB LED NPS electronic	42 182 480
ECOSIGN C AB LED NSI	42 180 505

Please order emergency signs separately

IP65 850 °C **incl LED**



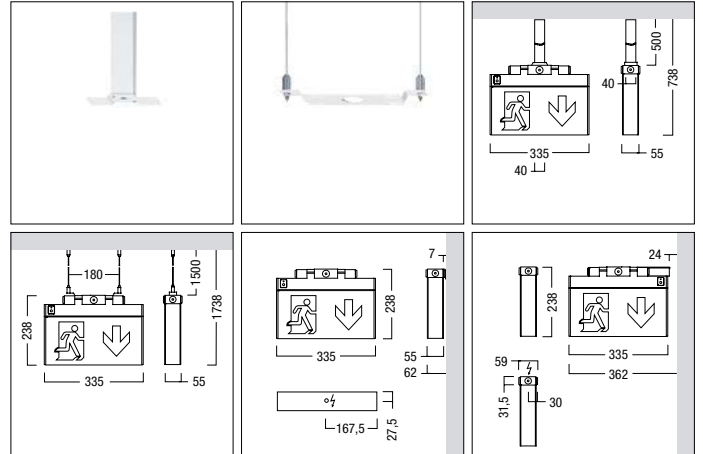
ONLITE ECOSIGN AB installation accessories

Order no.

- Installation accessories can be combined with basic version as required
- No additional accessories are required for ceiling-mounting

Accessory

ECOSIGN C API500 Pendant suspension	22 168 744
ECOSIGN C ASI1500 Cord suspension	22 168 745
ECOSIGN C AW 90° Wall bracket for surface-mounting	22 168 747
ECOSIGN C AW Wall bracket for parallel surface-mounting	22 168 746
ECOSIGN C BWS Ballproof grill	22 168 748
ECOSIGN C ED GEH BETON Concrete casting surround galvanised	22 066 751



ONLITE ECOSIGN TEC TECTON trunking system

Order no.



- Housing made of white polycarbonate with metal clips along the sides
- TECTON module length 248 mm
- Tool-free mounting of adapter to the TECTON rail
- Tool-free mounting of frameless pictograms (as escape sign luminaire) and tool-free mounting of transparent cover (as safety luminaire)
- In the self-contained models (NT1 and NT3), the NiMh battery is replaced without tools
- Address for individual luminaires set mechanically or optically (excluding NPS version)
- LED control gear with „maintenance function“ for constant luminance over the entire lifetime of the luminaire
- Power consumption: NSI (7 W), NDA and NPS (5.5 W)
- Installed load: NT1 (5.8 W), NT3 (5.8 W)

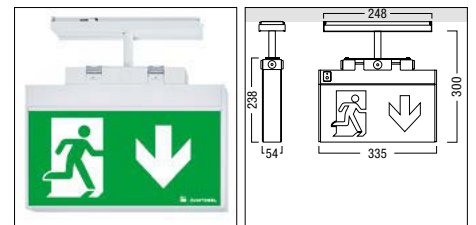
Centrally supplied

ECOSIGN C TEC-GP NDA	42 184 507
ECOSIGN C TEC-GP NPS electronic	42 184 525
ECOSIGN C TEC-GP NSI	42 184 506

Self contained with monitoring

	<i>electronic</i>
ECOSIGN C TEC-GP NT1	42 184 504
ECOSIGN C TEC-GP NT3	42 184 505

int. LED



ONLITE ECOSIGN AB/TECTON emergency sign RZ

Order no.



- Polycarbonate opal cover with additional downwards light outlet, internal longitudinal prisms providing support illumination of escape route
- Emergency sign printed digitally
- Tool-free installation on base unit
- RZ-2S emergency sign; left or right direction by rotating the luminaire
- Optimized for use with the LED luminaire

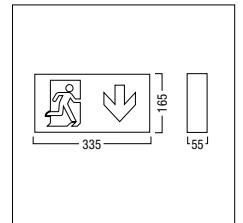
Single-sided emergency sign

ECOSIGN C RZ-1L 1x left arrow, 1x white unprinted	22 166 881
ECOSIGN C RZ-10 1x pointing up, 1x white unprinted	22 900 371
ECOSIGN C RZ-1R 1x right arrow, 1x white unprinted	22 166 880
ECOSIGN C RZ-1U 1x down arrow, 1x white unprinted	22 166 876

Two-sided emergency sign

ECOSIGN C RZ-2LR 2x right/left arrows	22 166 875
ECOSIGN C RZ-20 2x pointing up	22 900 372
ECOSIGN C RZ-2U 2x down arrows	22 166 877

DIN 4844
500 cd/m² 32m³
EN 1838



ONLITE ECOSIGN AB/TECTON cover, transparent

kg

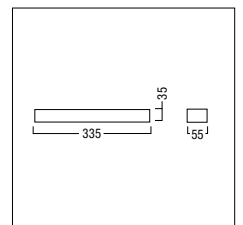
Order no.



- Crystal-clear polycarbonate diffuser with longitudinal prisms and highly specular reflector for emergency and escape route lighting
- Can be fitted on basic housing without use of tools
- Reduced lumen output for emergency lighting: central power supply (Central): 10 % to 100 %, self-contained (NF1/NT1): 29 %, self-contained (NF3/NT3): 22 %

Diffuser for emergency and escape-route lighting

ECOSIGN ABD RW AB clear diffuser	0,2	22 156 875
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ONLITE ERGOSIGN AW wall surface-mount

Order no.



- Die-cast aluminium housing in white powder-coated finish
- Cable input from any side, with versatile cable guide in base of housing
- Plug-in terminals for through-wiring, max. 2.5 mm²
- Plenty of space for the cable in the luminaire housing
- LED control gear with "maintenance function" for constant luminance over the entire lifetime of the luminaire
- Power consumption: NT1 (2.88 W), NT3 (2.88 W)
- Power consumption: NSI (2.35 W), NDA (2.35 W)
- Frameless pictogram can be fitted without tools
- In the self-contained models (NT1 and NT3), the NiMH battery is replaced without tools

Self contained with monitoring

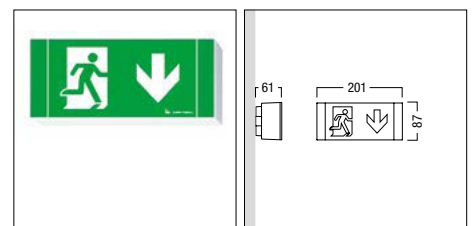
ERGOSIGN C AW LED NT1 1 h	42 180 515
ERGOSIGN C AW LED NT3 3 h	42 180 516

Centrally supplied

ERGOSIGN C AW LED NDA	42 180 518
ERGOSIGN C AW LED NPS electronic	42 180 519
ERGOSIGN C AW LED NSI	42 180 517

Please order emergency signs separately

IP54 850 °C incl LED



ONLITE ERGOSIGN AD installation accessories

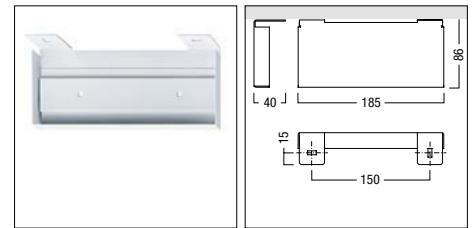
Order no.

- Cable duct concealed in mounting bracket
- Bracket for fitting ERGOSIGN to the ceiling

Accessory

ERGOSIGN C AD 90° Ceiling bracket for surface-mounting

22 168 749



ONLITE ERGOSIGN AW emergency sign RZ

Order no.



- Opal PC diffuser with integral light waveguide and reflector
- Printed pictogram
- Transparent TPE seal around entire edge

Emergency sign

ERGOSIGN C RZ-1L pointing left

22 166 888

ERGOSIGN C RZ-1O pointing up

22 900 350

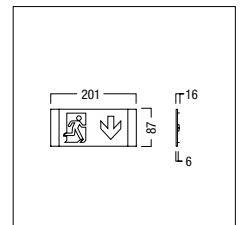
ERGOSIGN C RZ-1R pointing right

22 166 889

ERGOSIGN C RZ-1U pointing down

22 166 887

 DN 4844
 500 cd/m²

 16 m
 EN 1838


ONLITE CUBESIGN 210 AB ceiling surface-mount

Order no.



- Housing made of galvanised sheet steel
- Power consumption: NT1 (8.2 W), NT3 (11.52 W)
- Installed load: NSI (11.06 W), NDA (10.6 W)
- Length of cord suspension continuously adjustable up to 5 m
- Installed on ceiling as surface-mount luminaire or using cord suspension (not included with luminaire)
- Luminaire pre-wired using halogen-free leads

Self contained with monitoring

CUBESIGN 210 C AB LED NT1 1 h IP40

electronic

42 181 052

CUBESIGN 210 C AB LED NT3 3 h IP40

42 181 053

Centrally supplied

CUBESIGN 210 C AB LED NDA IP40

42 181 055

CUBESIGN 210 C AB LED NPS electronic IP40

42 181 056

CUBESIGN 210 C AB LED NSI IP40

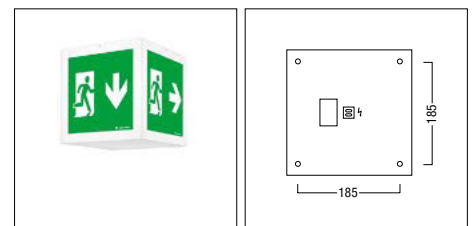
42 181 054

Cord suspension

CUBESIGN 210 C+450 ASI 5000 Cord suspension

22 168 756

Please order emergency sign separately.



ONLITE CUBESIGN 210 AB emergency sign

Order no.



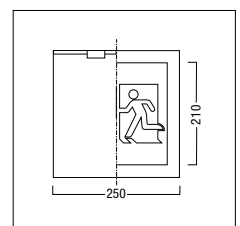
- Luminaire cube made of opal plastic
- Emergency sign screen-printed onto plastic panel
- Project-specific pictograms available on request

Emergency sign

CUBESIGN 210 C RZ Cube

22 168 758

 DN 4844
 200 cd/m²

 42 m
 EN 1838


ONLITE SQUARESIGN 300+ AW wall surface-mount

- Housing made of white powder-coated plastic (RAL 9016)
- High-quality all-round foamed waterproof polyurethane gasket for increased IP54 requirements
- Extremely homogeneous illumination of pictogram due to PCB with 32 LEDs and diffuser plate
- LED control gear with "maintenance function" for constant luminance over the entire lifetime of the luminaire
- Power consumption: NT1 (6 W), NT3 (6 W), NDA (5,5 W), NSI (7 W)
- In the self-contained models (NT1 and NT3), the NiMH battery can be replaced without tools
- Plug-in terminals for through-wiring, max. 2.5 mm²
- Installed using slotted washers supplied

Self contained with monitoring

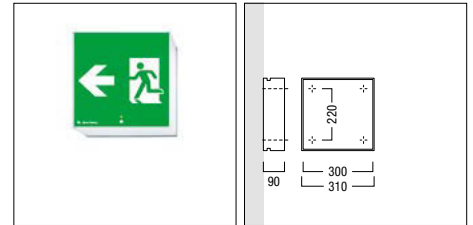
SQUARESIGN 300+ C AW LED NT1 1h	42 183 256
SQUARESIGN 300+ C AW LED NT3 3h	42 183 258

Centrally supplied

SQUARESIGN 300+ C AW LED NDA	42 183 255
SQUARESIGN 300+ C AW LED NSI	42 183 257

Please order cover with emergency sign separately

Order no.

*electronic*IP54 incl LED**ONLITE SQUARESIGN 300+ AW emergency sign RZ**

- Cover made of opal injection-moulded polycarbonate
- Spring-clip mechanism provided for tool-free installation
- Emergency sign printed digitally
- Uniform background lighting of pictograms with a luminance of over 500 cd/m²

Single-sided emergency sign

SQUARESIGN 300+ C RZ-1L left arrow	22 168 754
SQUARESIGN 300+ C RZ-10 pointing up	22 900 400
SQUARESIGN 300+ C RZ-1R right arrow	22 168 753
SQUARESIGN 300+ C RZ-1U down arrow	22 168 755

DIN 4844
500 cd/m² **60 m**
EN1838 850 °C

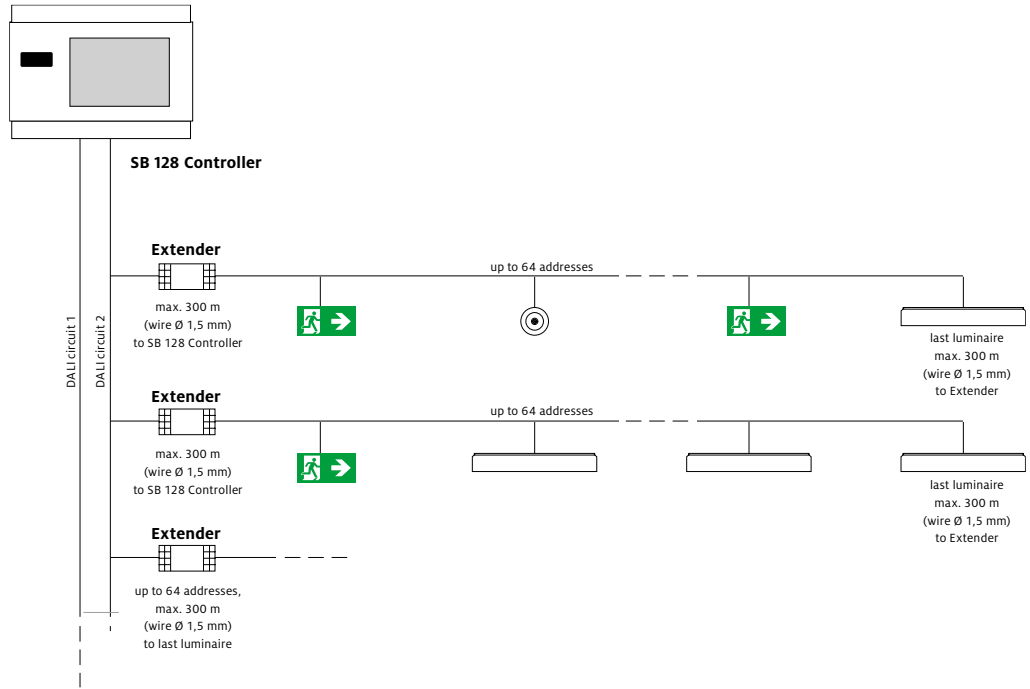


ONLITE local

The emergency lighting system with separate battery supply

Emergency lighting systems with separate battery supply have one feature in common – a battery is fitted into every luminaire. In emergency mode, this supplies the lamp with power in order to prevent panic reactions, ensure the workplace is evacuated safely and show the escape route. Economic efficiency and a high level of safety are both factors in favour of systems with separate battery supply. This system is the ideal solution for small and medium-sized buildings in particular.

Application example ONLITE LOCAL



ONLITE local SB128 CONTROLLER

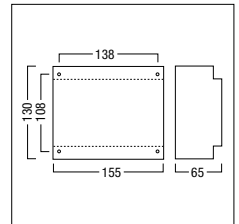
Order no.



- Central monitoring and display of 128 emergency signs and emergency luminaires
- Easy control via touch screen
- Individually programmable function and annual system tests
- Three individually programmable floating signalling contacts
- Built-in power supply for DALI control line
- Mains connection: 220/240 V
- Can be extended to include up to 256 luminaires, using extenders
- All luminaires configured individually via Controller
- Test results are stored in the internal logbook for at least 3 years
- Readout of test log book via RS 232 or infrared interface
- Software available in seven languages (DE, EN, FR, NL, IT, ES, PL)

ONLITE local SB 128 Controller

22 156 829



ONLITE local EXTENDER

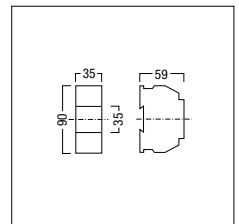
Order no.



- Extension module for DALI circuit 2 of SB 128 Controller
- 3 extender modules with a max. of 64 luminaires per extender can be connected (max. number of luminaires: 256)
- Bus supply integrated in module
- Max. cable length to extender: 300 m, from extender to luminaire: 300 m
- Switch-cabinet module

ONLITE local Extender

22 156 830



ONLITE local REPEATER

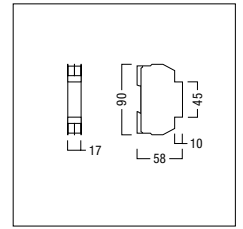
Order no.



- For metallic separation of 2 DALI power supplies in one DALI address range
- Switch-cabinet module
- Only one power supply may be active per DALI address range

ONLITE local Repeater

22 157 024



ONLITE local SWITCH MODULE

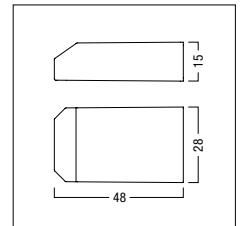
Order no.



- Switching of individual or all emergency signs and emergency luminaires of the SB 128 Controller's four emergency lighting circuits from maintained to non-maintained mode
- Power supply via DALI line (2 DALI loads)
- Installed in standard flush socket
- Increases lamp service life and reduces energy consumption
- Switched via standard switches or time switches with floating contacts

ONLITE local Switch Module II

22 169 120



ONLITE local PRINTER

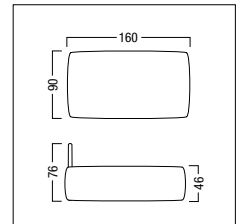
Order no.



- For printing out test logs
- Sturdy, fixed thermo-print line
- Battery pack and mains unit included in scope of supply
- Incl. 4 reels of thermopaper
- Insensitive to interferences and short interruptions of infrared connection

ONLITE IR-Printer

22 154 522





ONLITE central CPS

Project-specific customised,
networked central battery system

Every central battery system is designed project-specifically on the basis of a modular system. This produces solutions which are optimised in terms of the cost and functionality of the system. The modular design of ONLITE central CPS guarantees a tailor-made solution for any project and a significantly optimised cost/functionality ratio.



[...] Shared properties ONLITE CENTRAL eBOX MSxxxx

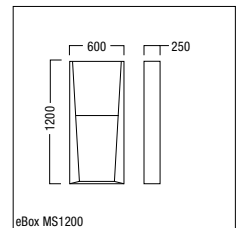
- Central supply system including monitoring of LED emergency and emergency sign luminaires
- TÜV certified CPS/LPS device for use in emergency lighting installations to EN 50172
- Full support system for up to 600 LED emergency and emergency sign luminaires
- Up to 100 eBox units can be networked by TCP/IP
- Web-browser based visualisation
- Colour touch display with commissioning WIZARD for first-time use
- Test log function > 3 years
- Two TCP/IP interfaces
- USB 2.0 port for data upload/download
- Sheet-steel housing wall in RAL 7035 powder-coated finish
- Large wiring compartment for easy wiring
- Cable can be connected from above or below
- Cage-clamp terminals for all line outputs
- Three optional plug-in dual circuit modules: OCM NDA DALI (2-wire communication; L/N/PE/DA/DA); OCM NSI (Powerline communication; L/N/PE); OCM NPS (no communication)
- Four optional plug-in circuit outputs to sub-distribution circuit
- Optimized, temperature-controlled battery charging
- Voltage: 230 V ±10 %, frequency: 50 Hz, output voltage: 230 V AC (mains power mode), 216 V DC (emergency mode)
- Maximum installed load 5.5 kVA

ONLITE central eBox MS1200 central supply system



- [...]
- Battery set (7 Ah / 12 Ah) not included

	kg	Order no.
ONLITE central eBox		
ONLITE central eBox MS1200	47,5	22 176 359
Optional modules		
ONLITE central eBox OCM-NDA <input type="checkbox"/>	0,4	22 168 594
ONLITE central eBox OCM-NPS <input type="checkbox"/>	0,4	22 185 295
ONLITE central eBox OCM-NSI <input type="checkbox"/>	0,4	22 185 293
ONLITE central eBox SCM <input type="checkbox"/>	0,3	22 185 297
Battery set (18 x 12 V)		
ONLITE central eBox ACCU PB/12 12Ah	70,0	22 168 851
ONLITE central eBox ACCU PB/12 7Ah	45,0	22 168 850

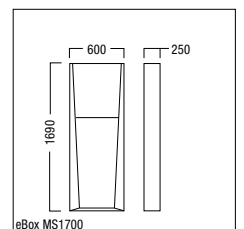


ONLITE central eBox MS1700 central supply system



- [...]
- Battery set (12 Ah / 24 Ah) not included

	kg	Order no.
ONLITE central eBox		
ONLITE central eBox MS1700	80,0	22 176 472
Optional modules		
ONLITE central eBox OCM-NDA <input type="checkbox"/>	0,4	22 168 594
ONLITE central eBox OCM-NPS <input type="checkbox"/>	0,4	22 185 295
ONLITE central eBox OCM-NSI <input type="checkbox"/>	0,4	22 185 293
ONLITE central eBox SCM <input type="checkbox"/>	0,3	22 185 297
Battery set (18 x 12 V)		
ONLITE central eBox ACCU PB/12 12Ah	70,0	22 168 851
ONLITE central eBox ACCU PB/12 24Ah	161,0	22 168 852



ONLITE central eBox OCM output circuit module



- Output circuit module for ONLITE central eBox
- TÜV certified module for use in emergency lighting installations to EN 50172
- Per output circuit for 20 emergency or emergency sign luminaires
- Output voltage 230 V AC (mains operation), 216 V DC (emergency operation)
- Max. output current 1.89 A (fuse rating 3.15 AT); max. 420 VA / 200 W
- Cage-clamp terminals for all line outputs
- Current monitoring can be activated using “learn function”
- Additional functions for OCM NSI and OCM NDA:
- Mixed operation of maintained and non-maintained mode; switched continuous lighting per luminaire
- SET DC function, adjustable DC power of loads
- DALI In input with memory function for integrating lighting management
- OCM NSI – Powerline communication (L/N/PS) OCM NDA – 5-line technology (L/N/PE/DA/DA)

	kg	Order no.
ONLITE central eBox OCM-NDA	0,4	22 168 594
ONLITE central eBox OCM-NPS	0,4	22 185 295
ONLITE central eBox OCM-NSI	0,4	22 185 293

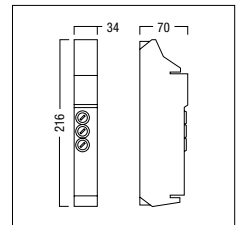


ONLITE central eBox SCM switch connection module



- Switchover and fuse module for ONLITE central eBox sub-station
- TÜV certified module for use in emergency lighting installations to EN 50172
- One sub-distribution station per SCM
- Output voltage: AC operation (L, N, PE terminals): 230 V ±10 %, 50 Hz DC operation (B+, B- terminals): 216 V DC
- Output current 4.8 A (fuse rating 8 AT) max. 1000 VA / 750 W
- Cage-clamp terminals for all line outputs
- Cable cross-section 0.5–4 mm² solid wire / stranded

	kg	Order no.
ONLITE central eBox SCM	0,3	22 185 297



ONLITE central eBox BATTERY SET

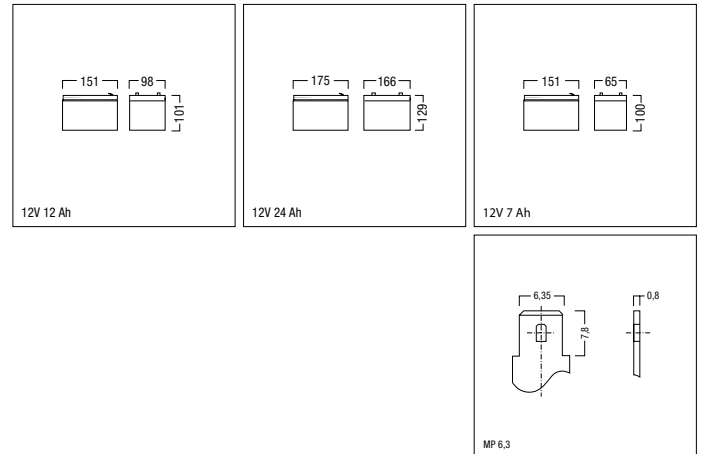
Order no.



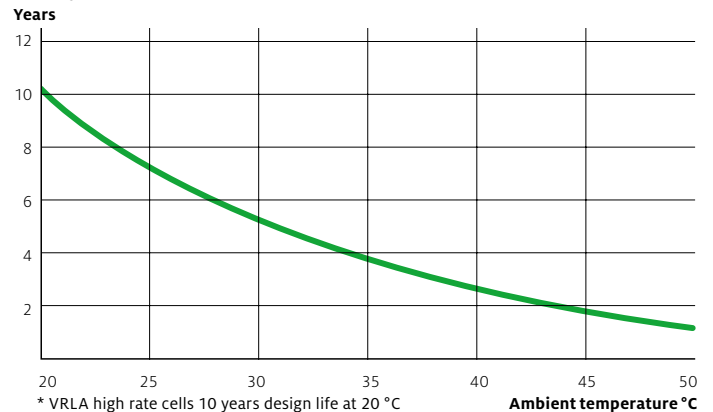
- OGiV high-rate pasted plates (lead/calcium)
- Rated EUROBAT high performance class
- 10-year useful service life @ 20 °C ambient temperature
- ABS case and lid
- Poles with MP 6.3 flat spade terminal
- Extremely low gas emission
- Low self-discharge
- No transportation restrictions
- 100 % recyclable
- No maintenance required over entire useful service life
- Rated voltage 18 x 12 V / 216 V DC
- DIN EN 60896 compliant
- Ventilation to EN 50272-2

Accessory

ONLITE central eBox TS35 SET	22 169 170
Battery set (18 x 12 V)	
ONLITE central eBox ACCU PB/12 12Ah	22 168 851
ONLITE central eBox ACCU PB/12 24Ah	22 168 852
ONLITE central eBox ACCU PB/12 7Ah	22 168 850



Battery Lifetime *



ONLITE central eBox SUB sub-distribution board

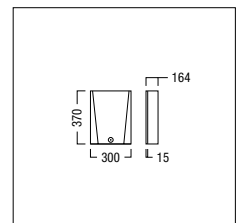


- Sub-distribution station for central supply system including monitoring of LED emergency and emergency sign luminaires
- Sheet-steel IP20 wall-mounted housing in RAL 7035 powder-coated finish
- Large wiring compartment for easy cable connection
- Cable can be connected from above or below
- Cage-clamp terminals for all line outputs
- Three optional plug-in dual circuit modules: OCM NDA DALI (2-wire communication; L/N/PE/DA/DA); OCM NSI (Powerline communication; L/N/PE); OCM NPS (no communication)
- Maximum output power 1000 VA / 750 W

ONLITE central eBox

	kg	Order no.
ONLITE central eBox SUB	9,3	22 185 290
Optional modules		
ONLITE central eBox OCM-NDA <input type="checkbox"/>	0,4	22 168 594
ONLITE central eBox OCM-NPS <input type="checkbox"/>	0,4	22 185 295
ONLITE central eBox OCM-NSI <input type="checkbox"/>	0,4	22 185 293

960 °C



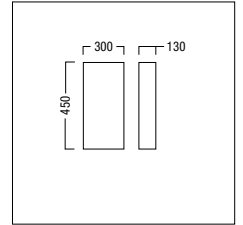
ONLITE central eBox SUB IP65 sub-distribution board



- Sub-distribution station for central supply system including monitoring of LED emergency and emergency sign luminaires
- IP65 wall-mounted housing
- Large wiring compartment for easy cable connection
- Cage-clamp terminals for all line outputs
- Three optional plug-in dual circuit modules: OCM NDA DALI (2-wire communication; L/N/PE/DA/DA); OCM NSI (Powerline communication; L/N/PE); OCM NPS (no communication)
- Maximum output power 1000 VA / 750 W

	kg	Order no.
ONLITE central eBox		
ONLITE central eBox SUB IP65	8,5	22 185 292
Optional modules		
ONLITE central eBox OCM-NDA	0,4	22 168 594
ONLITE central eBox OCM-NPS	0,4	22 185 295
ONLITE central eBox OCM-NSI	0,4	22 185 293

960 °C



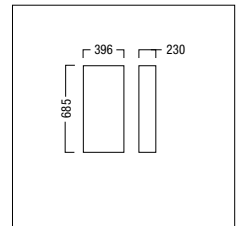
ONLITE central eBox SUB E60 sub-distribution board



- Sub-distribution station with E60 functional endurance with VDE approval mark EN 61 439-1 for central supply system including monitoring of LED emergency and emergency sign luminaires
- Tested to DIN 4102 Part 2 by MPA Dresden
- IP65 wall-mounted housing with fire protection for F60 fire resistance
- Impact strength IK 10
- Large wiring compartment for easy cable connection
- Cage-clamp terminals for all line outputs
- Three optional plug-in dual circuit modules: OCM NDA DALI (2-wire communication; L/N/PE/DA/DA); OCM NSI (Powerline communication; L/N/PE); OCM NPS (no communication)
- Maximum output power 1000 VA / 750 W

	kg	Order no.
ONLITE central eBox		
ONLITE central eBox SUB E60	53,0	22 185 291
Optional modules		
ONLITE central eBox OCM-NDA	0,4	22 168 594
ONLITE central eBox OCM-NPS	0,4	22 185 295
ONLITE central eBox OCM-NSI	0,4	22 185 293

960 °C



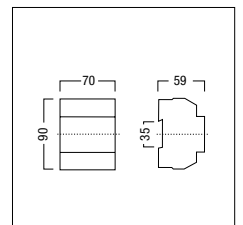
ONLITE central eBox BPD bus phase detector



- Three-phase monitoring module with BUS communication, control cabinet module for DIN-rail mounting
- TÜV certified module for use in emergency lighting installations to EN 50172
- System bus heartbeat monitoring; no fireproof cabling required
- Monitors three-phase supplies for undervoltage, phase failure and open-circuit in neutral line
- 2 floating, isolated alarm inputs for standard phase monitoring loops or fire alarm systems
- Status LED and test button for manual actuation
- Mechanical address witch for up to 9 phase monitors per eBox system
- Rated voltage 230/240 V, 50 Hz
- Permitted input voltage 207–264 V, 50 Hz
- Maximum current consumption 20 mA
- Permitted ambient temperature: 0 °C ... +50 °C

	kg	Order no.
ONLITE central eBox BPD	0,2	22 185 299

960 °C



ONLITE central phase detector II

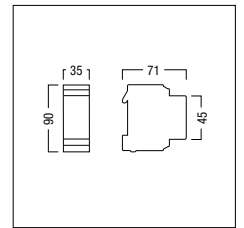
Order no.



- Three-phase monitoring module, control cabinet module for DIN-rail mounting
- Monitors three-phase supplies for undervoltage and phase failure; also detects open-circuit in neutral line
- Green and red status LEDs and test pushbutton for manual actuation
- Two changeover contacts 750 VA (3 A / 250 V AC)
- Fixed switching threshold, 195 V AC ($U_n \times 0.85$)
- Permitted input voltage 3N 400/230 V, 50 Hz
- Power consumption: 16 VA (1.7 W)
- Permitted ambient temperature: -25 °C ... +55 °C
- Trip delay: approx. 100 ms

ONLITE central EPD 2

24 161 074



ONLITE central interface for luminaires

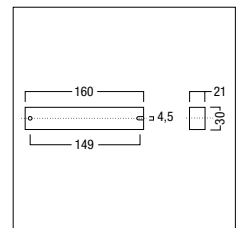
Order no.



- PLC-DALI module converts the Powerline signal into a DALI signal
- Lamp errors are returned to the emergency power source (ONLITE central eBox)
- 20 physically adjustable addresses
- SET DC function via PLC to LED driver or ECG (settable emergency light level in control unit)
- Switching and dimming without additional control line
- With integrated L' switching input' (phase of L' and supply voltage of eBox must be identical)
- The cable from the emergency power supply to the PLC may have a max. length of 300 m
- Input voltage: 230 V AC / 230 V DC
Wattage: AC mode < 2 W (without load), DC mode < 0.5 W (without load)
- Luminaire installation module (max. distance between module and luminaire is 10 m)

ONLITE central PLC DALI Interface III

22 168 875



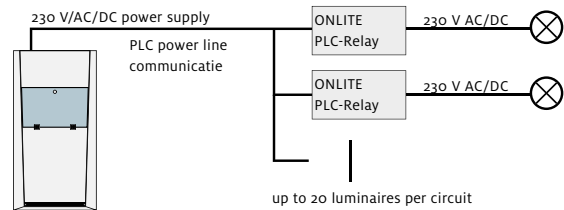
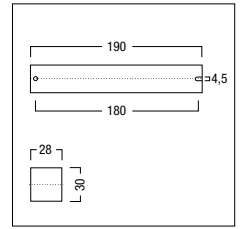
ONLITE central relay for luminaires

Order no.

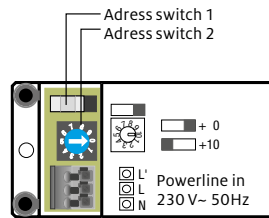


- PLC relay module switches AC/DC-compatible consumers via the Powerline signal
- Lamp faults are reported back to the emergency power supply (ONLITE central LPS)
- 20 physically adjustable addresses
- Switching without additional control line
- With integrated L' switching input (phase of L' and supply voltage of eBox must be identical)
- Input voltage: 230 V AC / 230 V DC
Wattage: AC mode < 2 W (without load), DC mode < 0.5 W (without load)
- Luminaire installation module
- The cable from the emergency power supply to the PLC may have a max. length of 300 m

ONLITE central PLC DALI Relais 22 156 805



Luminaire address	Adress switch 1	Adress switch 2
1	0	1
2	0	2
3	0	3
..
10	0	10
11	10	1
12	10	2
..
20	10	10



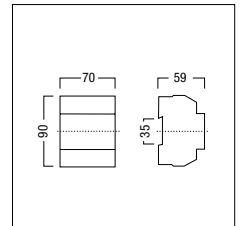
ONLITE central eBox BSIM bus switch input module

kg Order no.



- Four-way switching input module with BUS communication; for DIN-rail mounting in control cabinet
- TÜV certified module for use in emergency lighting installations to EN 50172
- 4 independent mains switching inputs for switching emergency and emergency sign luminaires as individual luminaires or across the whole circuit
- Status LED
- Mechanical address switch for up to 9 switching input modules per eBox system
- Rated voltage 230/240 V, 50 Hz
- Permitted input voltage 207–264 V, 50 Hz
- Maximum current consumption 20 mA
- Permitted ambient temperature: 0 °C ... +50 °C

ONLITE central eBox BSIM 0,2 22 185 298



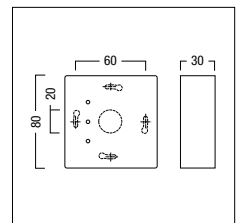
ONLITE central eBox BRI bus remote Interface

kg Order no.



- Remote display of system status using LED indicators
- 2-wire communication over system bus, for ONLITE central eBox status display
- An additional power supply is not needed when using the system bus
- Uses the direct inputs (fault alarm relay of ONLITE Central LPS and ONLITE central CPS)
- 5 pole (+Ub; GND; green LED; yellow LED; red LED)

Accessory 22 185 300
ONLITE BRI



ONLITE central eBox DSIM DALI switch input module

kg

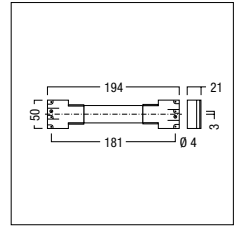
Order no.



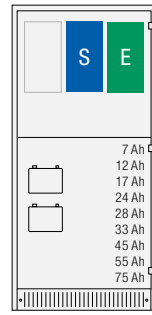
- Dual mains switching input module for DALI-based switching of the emergency and emergency sign luminaires
- Address can be set mechanically
- Recessed in ceiling, Dado trunking: 193 x 50 x 21 mm (W x H x D), with terminal cover and strain relief
- For fitting in luminaire: 119 x 30 x 21 mm (W x H x D)

ONLITE central eBox DSIM

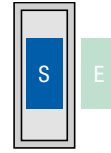
22 185 301



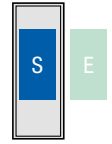
ONLITE central CPS is the individually adjustable solution based on central battery supply, meeting any requirement when it comes to emergency lighting tasks. Today, standard systems switch and monitor individual luminaires at the output circuit. This is done using the ONLITE central CPS modules (E/S). Bi-directional communication takes place via the two-core DALI control line (E). In every system, mixed operation using ONLITE central CPS modules (E/S) is also permitted. In that case, monitoring of luminaires is circuit-based.



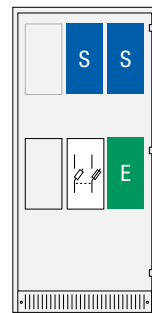
CPS-K
Compact station



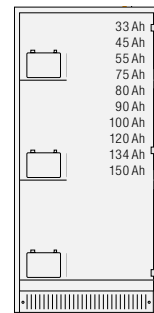
CPS-U E60
Substation



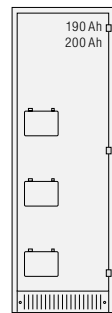
CPS-U E00
Substation



CPS-H
Main station



CPS-BS
Battery cabinet

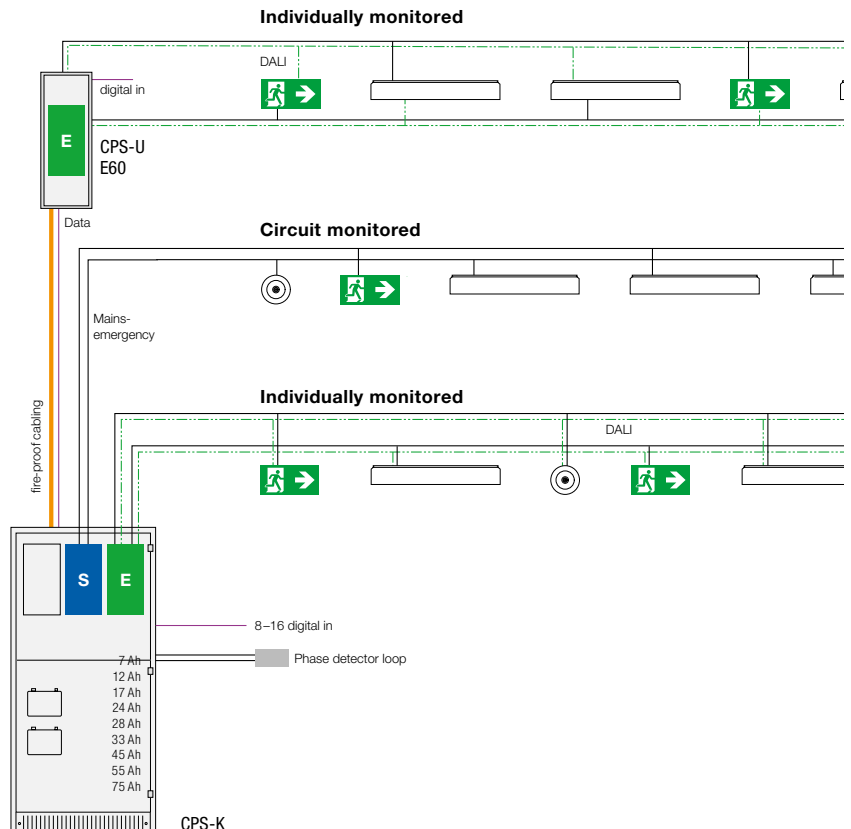


CPS-BS
Battery cabinet

	S	E
	Circuit monitoring	Individual monitoring
Circuits	1 – 20	1 – 20
Number of luminaires	1 – 400	1 – 400
Max. output (W)	4700	4700
Max. output per circuit (W)	1300	1300
Fuse per circuit (A)	10	10
Outgoing terminals (mm ²)	4	4
Digital potential-free inputs	8 – 16	8 – 16

CPS with individual monitoring or circuit monitoring

ONLITE central CPS-K is suitable for properties with average emergency power rating installed in a compact switch cabinet. Emergency luminaires are supplied and monitored directly from the cabinet; outgoing units to sub-distribution cabinets in other fire compartments are also provided.

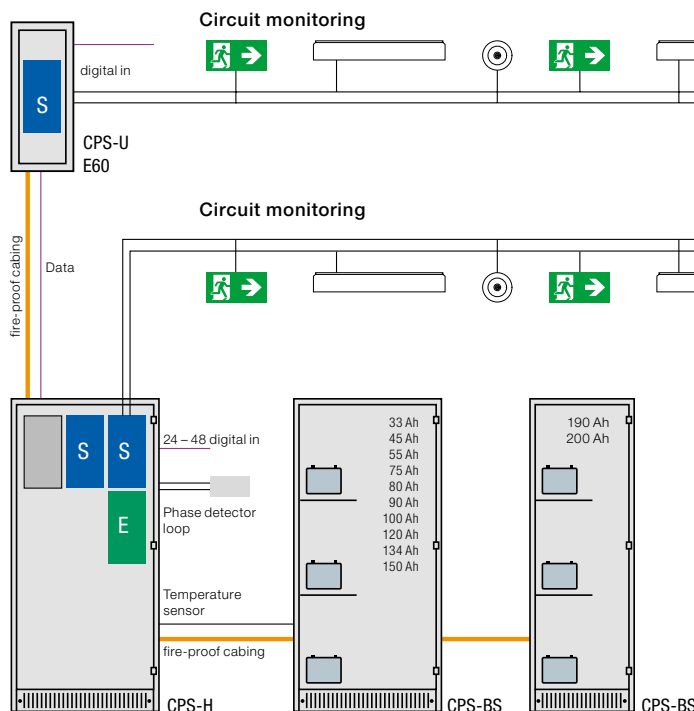


CPS with circuit monitoring

ONLITE central CPS-H stands for maximum emergency power output; here, for lack of space, the batteries are accommodated in one or a max. of two separate battery cabinets. Of course, it is also possible to use a mix of (S) or (E) modules.

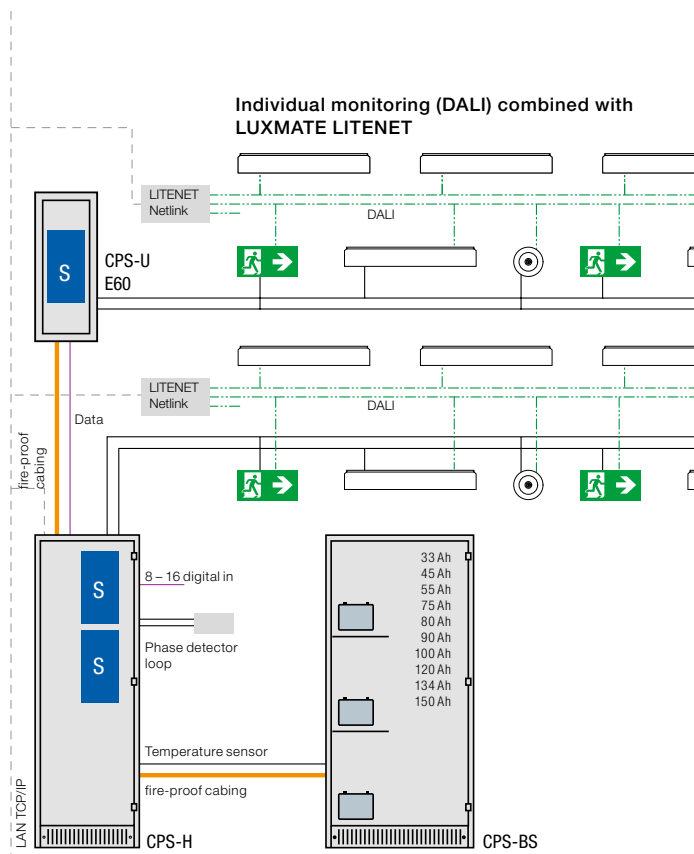
CPS-H main station technical data

Dimensions (H x W x D)	1800 x 850 x 600 mm
Total power	7 – 30 kVA
Max. outgoing circuits	3 x 20
Outgoing units to external UVS	max. 12
Fuse protection UVS	to 35 A
Outgoing terminals UVS	16 mm ²
Battery outgoing terminals	35 mm ²
Battery capacity range	33 – 200 Ah (ext. battery)
Ethernet port	1
Potential free outputs	5
Digital potential-free inputs	8 – 16



CPS integrated into LUXMATE LITENET

This system topology is based on one ONLITE central CPS with circuit-monitored modules (S). All luminaires, whether general or emergency luminaires, are galvanically isolated from one or more common DALI chains and networked to the LAN hardware (Ethernet/TCP/IP) via the LITENET netlink. All status information is available via the LITENET network.



ONLITE central CPS K (CENTRAL POWER SUPPLY)

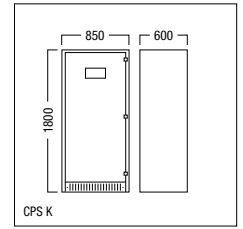
Order no.



- Central battery system in compact cabinet
- Fully automatic execution of tests and documentation in electronic test book
- 2 x 0–20 circuits, with monitoring of individual luminaires or circuit, also mixed monitoring mode in units of 20
- All cable outputs have been prewired on a terminal strip
- 7" Touch PC for operating and visualising the installation
- Ethernet connection for web-browser based system-networking and visualization
- USB/MMC or SD for test book archiving
- Sheet steel housing in powder-coated RAL 7035 finish
- Power per circuit (AC/DC): 1300 W
- Max. 20 luminaires per circuit
- In single-luminaire monitoring mode, each DALI luminaire can be controlled and monitored individually. Mixed operation possible within one circuit.
- Available models:
 - Left/right door hinge
 - Power can be increased up to 21 kVA
 - 0–7 outputs for substations
 - OGI monobloc batteries 216 V, 7–75 Ah in combi-cabinet with temperature-controlled U/I charging

ONLITE central CPS K

22 154 689

**CPS-K main station technical data**

Dimensions (H x W x D)	1800 x 850 x 600 mm
max. 2 outputs for substations	
Total power	7–4 kVA
Circuits internal	1–40
Outgoing units to external UVS	max. 7
(only possible if there are max. 20 circuits internal)	
Fuse protection UVS	to 35 A
Outgoing terminals UVS	16 mm ²
Battery voltage (18 blocks)	216 V
Battery capacity range	7–75 Ah
Ethernet port	1
Potential free outputs	5
Digital potential-free inputs	8–6 (per UVS)

Battery sets	Batteries 18 blocks (kg)	CPS-K (kg)	Total weight CPS-K (kg)
7 Ah	45	180	~ 225
12 Ah	71	180	~ 251
17 Ah	107	180	~ 287
24 Ah	162	180	~ 342
28 Ah	175	180	~ 355
33 Ah	211	180	~ 391
45 Ah	267	180	~ 447
55 Ah	324	180	~ 504
75 Ah	432	180	~ 612

ONLITE central CPS U (CENTRAL POWER SUPPLY)

Order no.



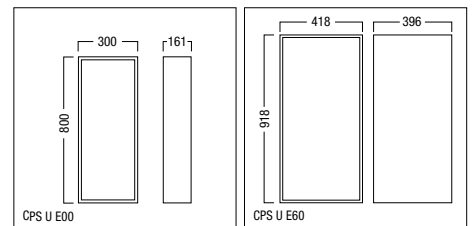
- Sub-distribution system for emergency lighting housed in sheet-steel cabinet in powder-coated RAL 7010 finish
- 1–20 circuits, monitoring of individual luminaires or circuit
- All cable outputs have been prewired on a terminal strip
- Power per circuit (AC/DC): 1300 W
- Max. 20 luminaires per circuit
- In single-luminaire monitoring mode, each DALI luminaire can be controlled and monitored individually. Mixed operation possible within one circuit.
- Available models:
 - Left/right door hinge
 - E60 model possible; RAL 7035

ONLITE central CPS U E00

22 154 691

ONLITE central CPS U E60 IP54

22 154 692



ONLITE central CPS H (CENTRAL POWER SUPPLY)

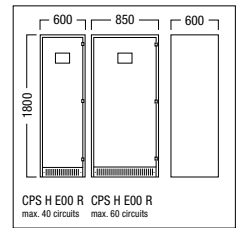
Order no.



- Central battery facility housed in sheet steel cabinet in powder-coated RAL 7035 finish
- Fully automatic execution of tests and documentation in electronic test book
- 3 x 0–20 circuits, with monitoring of individual luminaires or circuit, also mixed monitoring mode in units of 20
- All cable outputs have been prewired on a terminal strip
- Ethernet connection for web-browser based system-networking and visualization
- 7" Touch PC for operating and visualising the installation
- USB/MMC or SD for test book archiving
- Power per circuit (AC/DC): 1300 W
- Max. 20 luminaires per circuit
- In single-luminaire monitoring mode, each DALI luminaire can be controlled and monitored individually. Mixed operation possible within one circuit.
- Please order batteries separately for fitting in external battery box or on battery rack
- Available models:
 - Left/right door hinge
 - Power increase up to 30 kVA
 - 0–12 outputs for substations

ONLITE Central CPS H

22 154 690

**CPS-H main station technical data**

Total power	7 – 30 kVA
Circuits internal	1 – 60
Fuse UVS	up to 35 A
Battery outgoing terminals	35 mm ²
Battery capacity range	33 – 200 Ah (ext. battery)
Ethernet port	1
Potential free outputs	5
Digital potential free inputs	8 – 16
Dimensions (H x W x D) (max. 40 internal circuits; no outputs for substation)	1800 x 600 x 600 mm
Total weight CPS-H	114 kg
Outgoing units to external UVS	max. 12 (240 circuits external)
Dimensions (H x W x D) (max. 60 internal circuits; with outputs for substation)	1800 x 850 x 600 mm
Outgoing terminals UVS	16 mm ²
Total weight CPS-H	180 kg

ONLITE central phase detector II

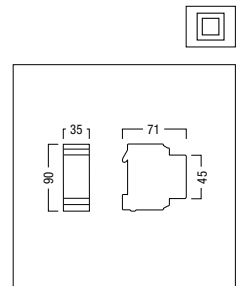
Order no.



- Three-phase monitoring module, control cabinet module for DIN-rail mounting
- Monitors three-phase supplies for undervoltage and phase failure; also detects open-circuit in neutral line
- Green and red status LEDs and test pushbutton for manual actuation
- Two changeover contacts 750 VA (3 A / 250 V AC)
- Fixed switching threshold, 195 V AC ($U_n \times 0.85$)
- Permitted input voltage 3N 400/230 V, 50 Hz
- Power consumption: 16 VA (1.7 W)
- Permitted ambient temperature: -25 °C ... +55 °C
- Trip delay: approx. 100 ms

ONLITE central EPD 2

24 161 074



ONLITE central CPS BS

Order no.



- Sheet-steel battery cabinet in powder-coated RAL 7035 finish with compartment trays for batteries
- Electrolyte collection tray built into base of cabinet
- Temperature sensor can be installed in battery cabinet
- Connecting leads included with batteries
- OGI monobloc batteries 216 V, 7–200 Ah
- Available models:
- Left/right door hinge

ONLITE central CPS BS 33-75Ah	22 154 693
ONLITE central CPS BS 80-134Ah	22 162 076
ONLITE central CPS BS 120Ah	22 162 077
ONLITE central CPS BS 150Ah	22 162 078
ONLITE central CPS BS 190+200Ah	22 162 079

External battery cabinet (CPS-BS)

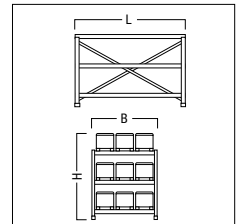
Set of batteries	Batteries	CPS-BS		Total weight CPS-BS (kg)
	18 blocks (kg)	H x W x D (mm)	CPS-BS (kg)	
33 Ah	211	1600 x 600 x 600	80	291
45 Ah	267	1600 x 600 x 600	80	347
55 Ah	324	1600 x 600 x 600	80	404
75 Ah	432	1600 x 600 x 600	80	512
80 Ah	472	1800 x 850 x 600	100	572
90 Ah	540	1800 x 850 x 600	100	640
100 Ah	540	1800 x 850 x 600	100	640
120 Ah	679	1800 x 950 x 600	130	809
134 Ah	765	1800 x 850 x 600	130	895
150 Ah	836	1800 x 1100 x 600	150	986
190 Ah	1167	2 x 1800 x 850 x 600	260	1427
200 Ah	1206	2 x 1800 x 850 x 600	260	1466

ONLITE central CPS BG



- Longitudinal and cross-struts made of sinter-coated, fully insulated, acid-resistant PE
- Height-adjustable feet made of insulating plastic
- Quick, easy and clean to install
- Withstand voltage to DIN VDE 0100 and DIN VDE 0510 TV
- Simple grounding facility

Battery rack	L/W/H	kg	Order no.
ONLITE central BG f. 120 Ah	900/715/1301	39,0	22 161 978
ONLITE central BG f. 150 Ah	1050/715/1314	50,0	22 161 979
ONLITE central BG f. 190 u. 200 Ah	1200/930/1317	67,0	22 161 980
ONLITE central BG f. 33-75 Ah	600/715/1289	27,0	22 154 694
ONLITE central BG f. 80-100 u. 134 Ah	750/715/1351	43,0	22 161 977



Art. no. battery rack	for battery set	Weight battery set [kg]	Positioning of batteries	Tiers	Rows	Height (HB) above battery [mm]
22 154 694	33 Ah	211	horizontal	3	2	1300
	45 Ah	267	horizontal	3	2	1300
	55 Ah	324	horizontal	3	2	1300
	75 Ah	432	horizontal	3	2	1300
22 161 977	80 Ah	472	horizontal	3	2	1350
	90 Ah	540	horizontal	3	2	1350
	100 Ah	540	horizontal	3	2	1350
	134 Ah	765	horizontal	3	2	1350
22 161 978	120 Ah	679	horizontal	3	2	1350
22 161 979	150 Ah	836	horizontal	3	2	1350
22 161 980	190 Ah	1167	horizontal	3	2	1350
	200 Ah	1206	horizontal	3	2	1350

ONLITE central monobloc battery



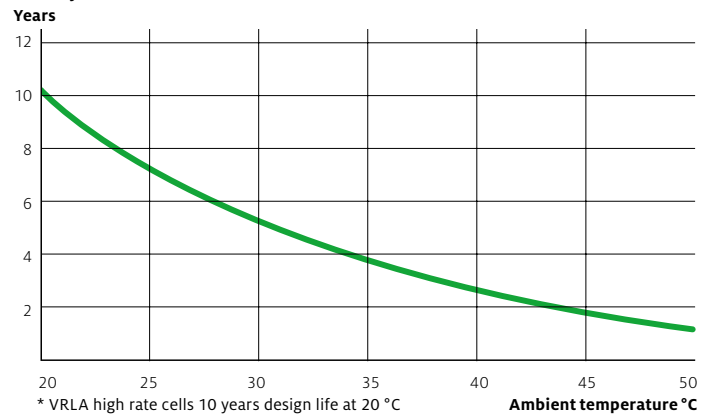
- OGIv high-rate pasted plates (lead/calcium)
- DIN EN 60896-2:1997 compliant
- Absorbent glass mat technology
- ABS case and lid
- Recessed threaded brass core, post terminals
- Extremely low gas emission
- Low self-discharge
- 100 % recyclable
- Units are maintenance free
- 7–200 Ah capacity in 12 V monoblocs

L/W/H Order no.

10-year monobloc battery

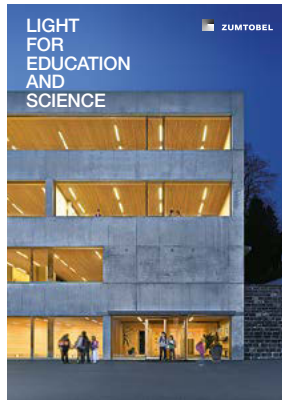
Accu Pb/10 12V 7Ah Connection: Faston	151/65/94	22 162 309
Accu Pb/10 12V 12Ah Connection: Faston	151/98/95	22 162 307
Accu Pb/10 12V 17Ah Connection: M5	181/77/167	22 154 695
Accu Pb/10 12V 24Ah Connection: M5	166/175/125	22 154 696
Accu Pb/10 12V 28Ah Connection: M5	165/125/182	22 154 697
Accu Pb/10 12V 33Ah Connection: M6	195/130/172	22 154 698
Accu Pb/10 12V 45Ah Connection: M6	197/165/170	22 154 699
Accu Pb/10 12V 55Ah Connection: M6	239/132/210	22 154 700
Accu Pb/10 12V 75Ah Connection: M6	258/166/215	22 154 702
Accu Pb/10 12V 80Ah Connection: M6	350/167/179	22 154 703
Accu Pb/10 12V 90Ah Connection: M6	306/169/214	22 154 704
Accu Pb/10 12V 100Ah Connection: M6	330/171/222	22 154 705
Accu Pb/10 12V 120Ah Connection: M8	410/176/277	22 154 706
Accu Pb/10 12V 134Ah Connection: M8	342/172/277	22 154 707
Accu Pb/10 12V 150Ah Connection: M8	485/172/240	22 154 708
Accu Pb/10 12V 200Ah Connection: M8	522/238/223	22 154 710

Battery Lifetime *





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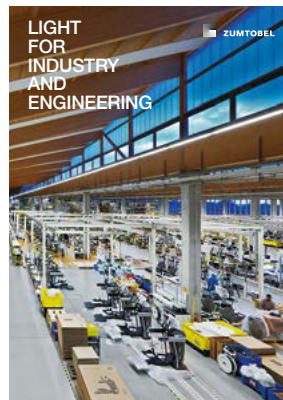
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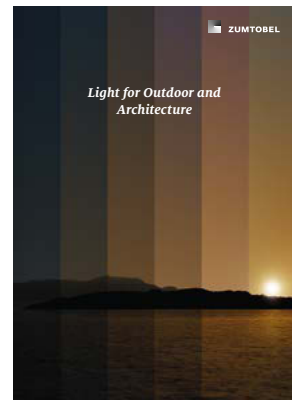
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Zumtobel, a company of the Zumtobel Group, is an internationally leading supplier of integral lighting solutions for professional indoor and outdoor building lighting applications.

- Offices and Communication
- Education and Science
- Presentation and Retail
- Hotel and Wellness
- Art and Culture
- Health and Care
- Industry and Engineering
- Outdoor and Architecture

We provide unique customer benefits by integrating technology, design, emotion and energy efficiency. Under the Humanergy Balance concept, we combine the best possible ergonomic lighting quality for an individual's well-being with the responsible use of energy resources. The company's own sales organisations in twenty countries, as well as commercial agencies in fifty other countries, form an international network of experts and design partners providing professional lighting consulting, design assistance and comprehensive services.

Lighting and sustainability

In line with our corporate philosophy *"We want to use light to create worlds of experience, make work easier and improve communications and safety while remaining fully aware of our responsibility to the environment"*, Zumtobel offers energy-efficient high-quality products, while at the same time making sure that our production processes based on the considerate use of resources are environmentally compatible.

zumtobel.com/sustainability



Top quality – with a five-year guarantee.
As a globally leading luminaire manufacturer, Zumtobel provides a five year manufacturer's guarantee on all Zumtobel branded products in accordance with the terms of guarantee at zumtobel.com/guarantee.

Order no. 04 946250-EN 01/17 © Zumtobel Lighting GmbH
Technical data was correct at time of going to press.
We reserve the right to make technical changes without notice. Please contact your local sales office for further information.





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F +64/9 828 7591
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F +385/(1) 64 04 090
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Surface-mounted and pendant luminaires

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Thorn Lighting (Guangzhou) Limited
12A Lian Yun Road
Eastern Section,
GETDD, Guangzhou
510530, P.R. China
T +86/(20)2232 6000
Sales Hotline: 4008080 195
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Free-standing and wall-mounted luminaires

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Unit 503 – 508, 5/F, Building 16W,
Phase 3, Hong Kong Science Park,
New Territories, Hong Kong
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Continuous-row systems and individual batten luminaires

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Outdoor luminaires



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and emergency lighting
systems