IK08 | IP65 | 2x3W LED | Colour

SAFE W-2R-90

MADE in GERMANY

Safety luminaire in compliance with EN IEC 60598-1/2-22 and EN 1838.
Model for wall mounting with two high-performance LEDs and cast acrylic optics. Weather-proof aluminum die-casting housing with a safety glass, for illumination of escape route to the safe area outside a building due to 90° light angle away from the building wall.
Cable inlet into the luminaire possible from the back and from below. Product includes an IP65 membrane pressure compensation valve.
Optionally, the luminaire can be delivered as a central battery version for a temperature range down to -35°C (unmonitored).
Optional the luminaire is available with an external supply unit to mount it outside and the supply unit inside. Also optional is a heating case with battery (4,8V 4,2Ah) to use in environments with lowest permissible temperature of -20°C within the luminaire.

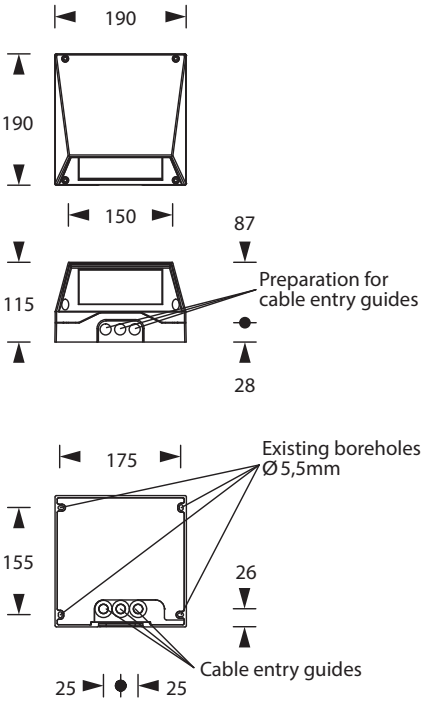


Figure shows accessory

Technical specifications

Luminaire type	Luminaires for central battery systems	Self contained luminaires
Illuminant	2 x 3 W LED	2 x 3 W LED
Connecting terminals	3 x 2.5 mm² for double assignment	
Colour	white / graphite grey	
Material	Aluminum die-cast	
Mounting type	Wall mounting	
Dimensions (W x H x D)	WM 190 x 190 x 115 mm	
Protection class	IP65	
Safety class	I	
IK Safety class	IK08	
Light current (mains)	480 lm	360 lm
Light current (emergency)		
Battery duration 1h	–	480 lm
Battery duration 3h	–	480 lm
Battery duration 8h	–	240 lm
Luminous flux Emergency (DC) / mains		
Battery duration 1h	–	100% / 75%
Battery duration 3h	–	100% / 75%
Battery duration 8h	–	50% / 75%
Power consumption	10 VA	8 VA
Battery current input	25 mA	–
Battery duration Battery operation	–	1h / 3h / 8h
Voltage supply	230V 50/60Hz; 220V DC +25/-20%	230V 50/60Hz
NiMH-battery		
Battery duration 1h	–	4,8V 2,0Ah 4,8V 2,0Ah + AkH
Battery duration 3h	–	4,8V 4,2Ah 4,8V 4,2Ah + AkH
Battery duration 8h	–	4,8V 4,2Ah 4,8V 4,2Ah + AkH
Temperature range	-10°C to +40°C (monitored) / -20°C to +40°C (unmonitored)	–
Non-maintained mode	–	0°C to +35°C
Maintained mode	–	-5°C to +30°C
optional		
Multi-switch and monitoring module	ELC MSÜ3 SET009 SET010/025	–
Self monitoring	–	SELF CHECK
Central monitoring	–	SAFELOG Line
Wireless monitoring	–	SAFELOG Wireless

Wall mounting

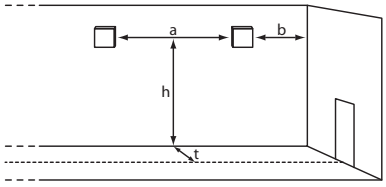


Technical changes reserved / 04.11.2026

Accessories

Rear mounting bracket
Bollard
Ground anchor for bollard
Pole and wall bracket

Lighting data and tables of luminaire distances (E = 1,25 lx)



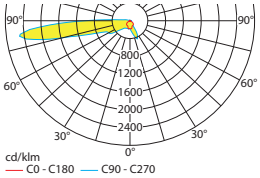
Wall mounting

Luminaires for central battery systems **escape route optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 2 x 3W LED

Luminous flux emergency / mains: 480lm



h	1.00	2.00	2.50	3.00	3.50	4.00
t	8.50	12.50	13.40	13.70	13.50	9.00

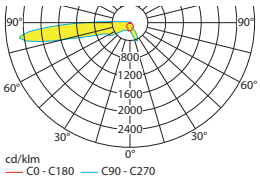
Width of the escape route 2m (1lx in the middle and 0,5lx at the edge)

Self contained luminaires **escape route optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 2 x 3W LED

Luminous flux emergency / mains: 480lm/360lm – **Battery duration: 1h**



h	1.00	2.00	2.50	3.00	3.50	4.00
t	8.50	12.50	13.40	13.70	13.50	9.00

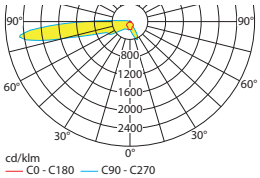
Width of the escape route 2m (1lx in the middle and 0,5lx at the edge)

Self contained luminaires **escape route optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 2 x 3W LED

Luminous flux emergency / mains: 480lm/360lm – **Battery duration: 3h**



h	1.00	2.00	2.50	3.00	3.50	4.00
t	8.50	12.50	13.40	13.70	13.50	9.00

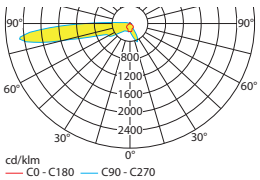
Width of the escape route 2m (1lx in the middle and 0,5lx at the edge)

Self contained luminaires **escape route optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 2 x 3W LED

Luminous flux emergency / mains: 240lm/360lm – **Battery duration: 8h**



h	1.00	2.00	2.50	3.00	3.50	4.00
t	6.90	9.80	9.90	6.30	6.00	5.90

Width of the escape route 2m (1lx in the middle and 0,5lx at the edge)