IK08 | IP65 | 4x3W LED | Colour

SAFE W-4R

MADE in GERMANY

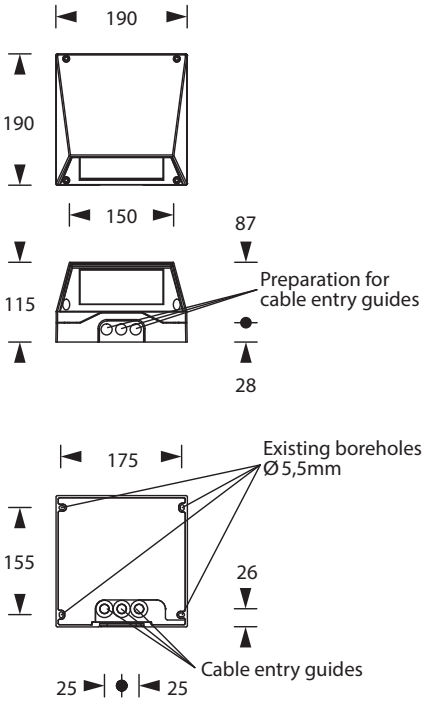
Safety luminaire in compliance with EN IEC 60598-1/2-22 and EN 1838.
Weather-proof housing made of aluminum die-casting with a pane of safety glass. Model for wall mounting with two or four high-performance LEDs and cast acrylic optics for escape route illumination.
Cable inlet into the luminaire possible 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).
The self contained version is also available as a set with an external supply unit for indoor installation and lighting unit for outdoor mounting (suitable for a temperature range to -35°C).
Alternatively, the luminaire is available with a heating case incl. battery (4,8V 4,2Ah) to extend the temperature range in the luminaire to -20°C.

Figure shows accessory

Technical specifications

Luminaire type	Luminaires for central battery systems	Self contained luminaires
Illuminant	4 x 3 W LED	4 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)	960 lm	960 lm
Light current (emergency)		
Battery duration 1h	–	580 lm
Battery duration 3h	–	580 lm
Battery duration 8h	–	320 lm
Luminous flux Emergency (DC) / mains		
Battery duration 1h	–	60% / 100%
Battery duration 3h	–	60% / 100%
Battery duration 8h	–	30% / 100%
Power consumption	19.2 VA	18.7 VA
Battery current input	50 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

Wall mounting



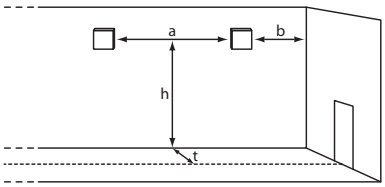
Technical changes reserved / 11.09.2026

Wireless monitoring	–	SAFELOG Wireless

Accessories

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

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

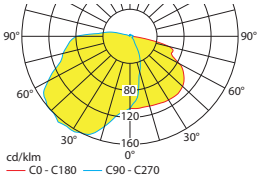


Wall mounting

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

Distance table for plane emergency routes / distance data in meters

Illuminant: 4 x 3W LED



Luminous flux emergency / mains: 960lm

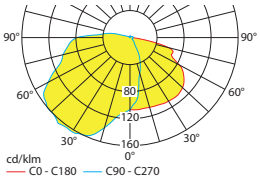
t = 1.00	h	1.00	1.90	2.00	2.10	2.30	2.50	2.70	2.90	3.00	3.10	3.30	3.50	4.00	4.50	5.00
	a	11.50	17.50	18.00	18.00	19.00	20.00	21.00	22.00	22.50	23.00	24.00	24.50	26.50	26.50	26.00
	b	5.00	8.00	8.00	8.50	9.00	9.50	9.50	10.00	10.00	10.00	10.50	10.50	10.50	9.50	8.50
t = 1.50	h	1.00	1.90	2.00	2.10	2.30	2.50	2.70	2.90	3.00	3.10	3.30	3.50	4.00	4.50	5.00
	a	11.00	19.00	19.00	19.50	20.00	21.00	22.00	23.00	23.50	24.00	25.00	25.50	28.00	29.50	30.00
	b	4.50	8.50	8.50	9.00	9.50	9.50	10.00	10.50	10.50	11.00	11.00	11.50	12.00	11.50	11.00
t = 2.00	h	1.00	1.90	2.00	2.10	2.30	2.50	2.70	2.90	3.00	3.10	3.30	3.50	4.00	4.50	5.00
	a	9.00	20.00	20.00	21.00	22.00	23.00	24.00	25.00	25.50	25.50	26.50	27.50	29.00	30.50	32.00
	b	3.50	9.00	9.00	9.50	10.00	10.50	11.00	11.00	11.00	11.50	11.50	12.00	12.50	12.50	12.00

t = distance to escape middle

Self contained luminaires **escape route optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 4 x 3W LED



Luminous flux emergency / mains: 580lm/960lm – **Battery duration: 1h**

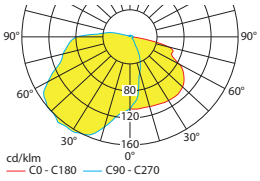
t = 1.00	h	1.00	1.90	2.00	2.10	2.30	2.50	2.70	2.90	3.00	3.10	3.30	3.50	4.00	4.50	5.00
	a	10.50	16.00	16.50	17.00	18.00	19.00	19.50	20.00	20.50	20.50	21.00	21.50	21.50	21.50	18.00
	b	4.70	7.50	7.50	8.00	8.00	8.50	8.50	8.50	8.50	8.50	8.50	8.00	7.50	6.50	6.00
t = 1.50	h	1.00	1.90	2.00	2.10	2.30	2.50	2.70	2.90	3.00	3.10	3.30	3.50	4.00	4.50	5.00
	a	9.10	17.00	17.50	17.50	18.50	19.50	20.00	21.00	21.50	21.50	22.50	23.00	24.50	24.50	23.00
	b	3.40	8.00	8.00	8.00	8.50	8.50	9.00	9.00	9.50	9.50	9.50	9.00	9.00	8.50	7.00
t = 2.00	h	1.00	1.90	2.00	2.10	2.30	2.50	2.70	2.90	3.00	3.10	3.30	3.50	4.00	4.50	5.00
	a	7.20	17.50	18.00	18.00	19.00	20.00	21.00	21.50	22.00	22.50	23.00	23.50	25.00	25.50	24.00
	b	2.80	8.00	8.00	8.50	8.50	8.50	9.00	9.50	9.50	9.50	9.50	9.50	9.50	9.50	8.00

t = distance to escape middle

Self contained luminaires **escape route optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 4 x 3W LED

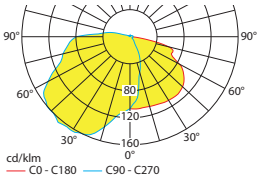


Luminous flux emergency / mains: 580lm/960lm – **Battery duration: 3h**

t = 1.00	h	1.00	1.90	2.00	2.10	2.30	2.50	2.70	2.90	3.00	3.10	3.30	3.50	4.00	4.50	5.00
	a	10.50	16.00	16.50	17.00	18.00	19.00	19.50	20.00	20.50	20.50	21.00	21.50	21.50	21.50	18.00
	b	4.70	7.50	7.50	8.00	8.00	8.50	8.50	8.50	8.50	8.50	8.50	8.00	7.50	6.50	6.00
t = 1.50	h	1.00	1.90	2.00	2.10	2.30	2.50	2.70	2.90	3.00	3.10	3.30	3.50	4.00	4.50	5.00
	a	9.10	17.00	17.50	17.50	18.50	19.50	20.00	21.00	21.50	21.50	22.50	23.00	24.50	24.50	23.00
	b	3.40	8.00	8.00	8.00	8.50	8.50	9.00	9.00	9.50	9.50	9.50	9.00	9.00	8.50	7.00
t = 2.00	h	1.00	1.90	2.00	2.10	2.30	2.50	2.70	2.90	3.00	3.10	3.30	3.50	4.00	4.50	5.00
	a	7.20	17.50	18.00	18.00	19.00	20.00	21.00	21.50	22.00	22.50	23.00	23.50	25.00	25.50	24.00
	b	2.80	8.00	8.00	8.50	8.50	8.50	9.00	9.50	9.50	9.50	9.50	9.50	9.50	9.50	8.00

t = distance to escape middle

Illuminant: 4 x 3W LED



Luminous flux emergency / mains: 320lm/960lm – **Battery duration: 8h**

t = 1.00	h	1.00	1.90	2.00	2.10	2.30	2.50	2.70	2.90	3.00	3.10	3.30	3.50	4.00	4.50	5.00
	a	9.00	15.00	15.50	15.50	16.50	17.00	17.50	18.00	18.00	17.50	17.00	16.00	15.50	14.00	12.50
	b	4.00	6.50	6.50	7.00	7.00	7.00	7.00	6.50	6.50	6.50	6.00	5.00	5.00	4.50	4.00
t = 1.50	h	1.00	1.90	2.00	2.10	2.30	2.50	2.70	2.90	3.00	3.10	3.30	3.50	4.00	4.50	5.00
	a	6.50	15.00	15.50	16.50	17.00	17.50	18.00	18.50	19.00	19.00	19.00	18.50	18.00	16.50	13.50
	b	2.50	6.50	6.50	7.00	7.00	7.50	7.50	7.00	7.00	7.00	6.50	6.50	5.50	5.00	4.00
t = 2.00	h	1.00	1.90	2.00	2.10	2.30	2.50	2.70	2.90	3.00	3.10	3.30	3.50	4.00	4.50	5.00
	a	5.50	15.00	15.50	16.50	17.00	18.00	19.00	19.50	19.50	20.00	20.50	20.50	20.00	19.50	18.00
	b	2.00	5.00	5.50	5.50	6.00	6.50	7.00	7.00	7.00	7.00	7.00	6.50	6.50	5.50	5.00

t = distance to escape middle