IK08 | IFS | IP65 | 2x3W LED | Colour

SAFE D-2R

MADE in GERMANY

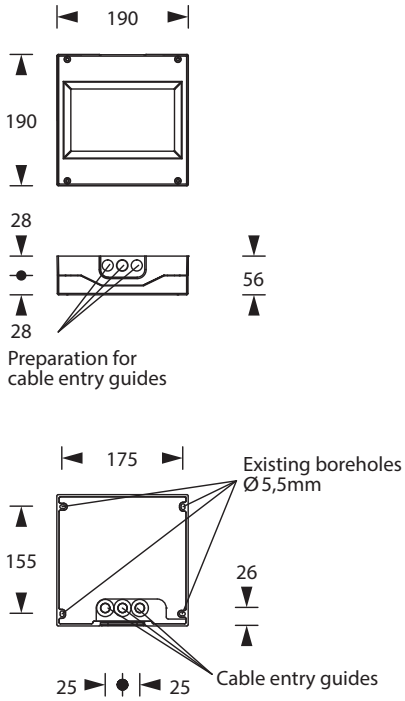
Safety luminaire in compliance with EN 60598-1/2-22 and EN 1838.
Weatherproof and ball-proof die-cast aluminum housing with safety glass pane, sealed with silicone. Cable entry into luminaire housing from rear and bottom possible.
Version for ceiling mounting with two high-power LEDs and cast acrylic optics for escape route illumination due to rectangular light deflection characteristics. IP65 membrane pressure compensation valve as standard.
Optionally, the luminaire can be supplied as a central battery version for a temperature range down to -35°C (unmonitored).

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	
Material	Aluminum die-cast	
Mounting type	Ceiling mounting	
Additional mounting types*	Ceiling mounting (wire suspension)	
Dimensions (W x H x D)	DM 190 x 56 x 190 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	–
Self monitoring	–	SELF CHECK
Central monitoring	–	SAFELOG Line
Wireless monitoring	–	SAFELOG Wireless

* Optional accessory required

Ceiling mounting

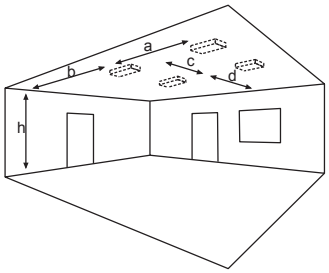


Technical changes reserved / 10.07.2026

Accessories

Rear mounting bracket
Pole and wall bracket
Chain assembly set
Cable assembly set

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



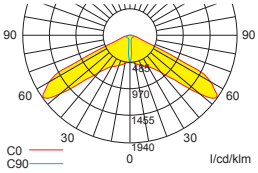
Ceiling mounting

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



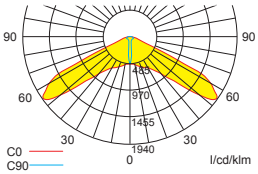
h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00	9.50	10.00	10.50	11.00
a	16.80	19.50	22.00	24.30	26.50	28.60	29.60	30.40	31.50	31.30	30.30	30.50	30.00	29.00	26.00	22.00	20.00	16.00
b	7.90	9.00	10.00	11.00	11.30	11.00	10.50	10.00	10.00	10.00	10.00	10.00	10.00	9.00	9.00	9.00	9.00	9.00
c	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
d	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

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**



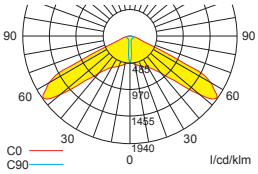
h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00	9.50	10.00	10.50	11.00
a	16.80	19.50	22.00	24.30	26.50	28.60	29.60	30.40	31.50	31.30	30.30	30.50	30.00	29.00	26.00	22.00	20.00	16.00
b	7.90	9.00	10.00	11.00	11.30	11.00	10.50	10.00	10.00	10.00	10.00	10.00	10.00	9.00	9.00	9.00	9.00	9.00
c	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
d	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

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**



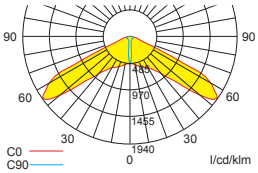
h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00	9.50	10.00	10.50	11.00
a	16.80	19.50	22.00	24.30	26.50	28.60	29.60	30.40	31.50	31.30	30.30	30.50	30.00	29.00	26.00	22.00	20.00	16.00
b	7.90	9.00	10.00	11.00	11.30	11.00	10.50	10.00	10.00	10.00	10.00	10.00	10.00	9.00	9.00	9.00	9.00	9.00
c	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
d	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

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	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00
a	15.70	17.90	20.00	21.10	21.90	22.00	21.00	19.70
b	7.10	7.90	7.90	7.40	6.30	6.10	6.00	5.60
c	–	–	–	–	–	–	–	–
d	–	–	–	–	–	–	–	–