SAFE D-4F

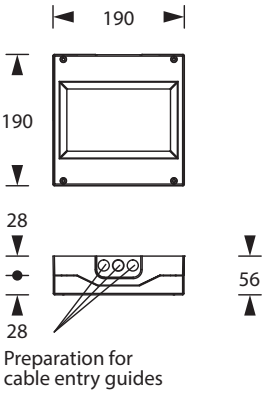
Safety luminaire in compliance with EN IEC 60598-1/2-22 and EN 1838.
Weatherproof die-cast aluminum housing with safety glass pane. Version for ceiling mounting with four high-power LEDs and cast acrylic optics for surface illumination. Cable entry into luminaire housing from rear and bottom possible. Luminaire comes standard with IP65 membrane pressure compensation valve.
Optionally, the luminaire can be supplied as a central battery variant for a temperature range down to -35°C (unmonitored).
The single battery variant is also available as a set with external supply unit for indoor installation and luminaire unit for outdoor installation (suitable for a temperature range down to -35°C).
Alternatively, the luminaire is available with battery heater (4.8V 4.2Ah) to extend the temperature range inside the luminaire to -20°C.

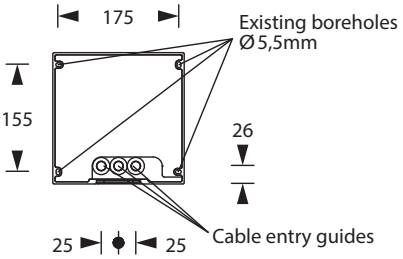


Technical specifications

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	
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)	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

Ceiling mounting





Technical changes reserved / 04.11.2026

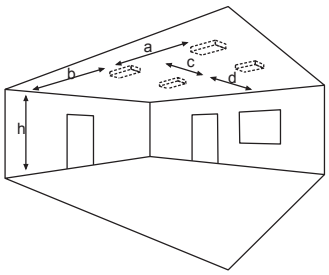
Wireless monitoring	–	SAFELOG Wireless

* Optional accessory required

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)



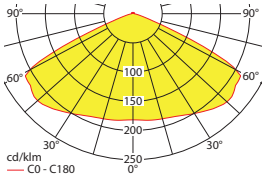
Ceiling mounting

Luminaires for central battery systems **wide area optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 4 x 3W LED

Luminous flux emergency / mains: 960lm



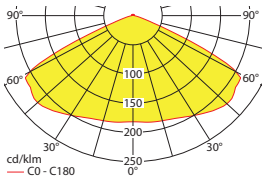
h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50
a	12.20	14.00	15.70	17.30	18.70	19.90	21.10	21.80	22.40	22.70	23.00	23.10	23.30	23.40	23.50	23.40	23.30	22.90	22.30
b	5.60	6.40	7.00	7.50	7.90	8.00	8.10	8.20	8.30	8.30	8.20	8.00	7.60	7.10	6.30	5.40	4.40	3.30	1.90
c	12.20	14.00	15.70	17.30	18.70	19.90	21.10	21.80	22.40	22.70	23.00	23.10	23.30	23.40	23.50	23.40	23.30	22.90	22.30
d	5.60	6.40	7.00	7.50	7.90	8.00	8.10	8.20	8.30	8.30	8.20	8.00	7.60	7.10	6.30	5.40	4.40	3.30	1.90

Self contained luminaires **wide area 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**



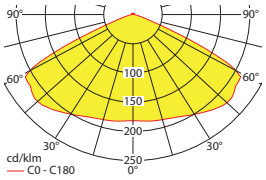
h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00	
a	11.50	13.10	14.50	15.80	16.70	17.40	17.70	17.90	18.10	18.20	18.20	18.10	17.90	17.30	
b	5.20	5.80	6.10	6.30	6.40	6.40	6.40	6.30	6.00	5.50	4.70	3.70	2.70	1.20	
c	11.50	13.10	14.50	15.80	16.70	17.40	17.70	17.90	18.10	18.20	18.20	18.10	17.90	17.30	
d	5.20	5.80	6.10	6.30	6.40	6.40	6.40	6.30	6.00	5.50	4.70	3.70	2.70	1.20	

Self contained luminaires **wide area 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**



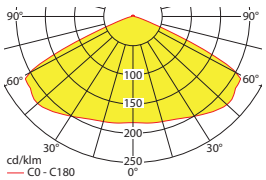
h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00	
a	11.50	13.10	14.50	15.80	16.70	17.40	17.70	17.90	18.10	18.20	18.20	18.10	17.90	17.30	
b	5.20	5.80	6.10	6.30	6.40	6.40	6.40	6.30	6.00	5.50	4.70	3.70	2.70	1.20	
c	11.50	13.10	14.50	15.80	16.70	17.40	17.70	17.90	18.10	18.20	18.20	18.10	17.90	17.30	
d	5.20	5.80	6.10	6.30	6.40	6.40	6.40	6.30	6.00	5.50	4.70	3.70	2.70	1.20	

Self contained luminaires **wide area optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 4 x 3W LED

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



h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00
a	10.30	11.50	12.20	12.50	12.70	12.80	12.80	12.50
b	4.30	4.40	4.50	4.50	4.30	3.70	2.90	1.90
c	10.30	11.50	12.20	12.50	12.70	12.80	12.80	12.50
d	4.30	4.40	4.50	4.50	4.30	3.70	2.90	1.90

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