IP20 | 3W LED | Colour

SMART-KIT

Safety luminaire in compliance with EN IEC 60598-1/2-22 and EN 1838.
Small safety luminaire with aluminum heat sink for mounting on third-party luminaires such as linear luminaires or light rails. The luminaire is equipped with snap-in optics for easy changing of the optics. The F optic for area illumination is pre-assembled, the R optic for escape route illumination is included.
ATTENTION!: For installation in foreign luminaires with protection class I: Note grounding!





Technical specifications

Luminaire type	**Luminaires for central battery systems**	**Self contained luminaires**
Illuminant	3 W LED	3 W LED
Connecting terminals	2 x 2.5 mm² for double assignment	
Colour	white	
Material	Aluminum die-cast/Polycarbonate	
Mounting type	Surface mounting	
Dimensions (W x H x D)	AM 83 x 37 x 16 mm	
Dimensions Driver (W x H x D)	non-monitored 76 x 22 x 23 mm monitored 110 x 22 x 23 mm	110 x 22 x 23 mm
Distance mounting holes driver	non-monitored 74 mm monitored 104 mm	104 mm
Dimensions Battery (W x H x D)	–	155 x 25 x 25 mm
Distance mounting holes battery	–	148 mm
Protection class	IP20	
Safety class	II	
IK Safety class	IK03	
Light current (mains)	280 lm	120 lm
Light current (emergency)		
Battery duration 1h	–	280 lm
Battery duration 3h	–	280 lm
Battery duration 8h	–	120 lm
Luminous flux Emergency (DC) / mains		
Battery duration 1h	–	100% / 45%
Battery duration 3h	–	100% / 45%
Battery duration 8h	–	45% / 45%
Power consumption	6 VA	5 VA
Battery current input	15 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
Battery duration 3h	–	4,8V 2,0Ah
Battery duration 8h	–	4,8V 2,0Ah
Temperature range	-10°C to +40°C	–
Non-maintained mode	–	0°C to +35°C
Maintained mode	–	-5°C to +30°C
optional		
Multi-switch and monitoring module	DALI ELC MSÜ3 SET009 SET010	–

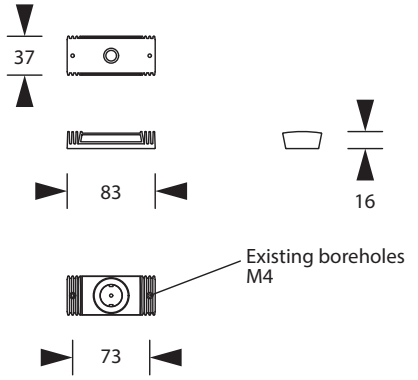
Technical changes reserved / 04.11.2026

Self monitoring	–	SELF CHECK
Central monitoring	–	SAFELOG Line
Wireless monitoring	–	SAFELOG Wireless

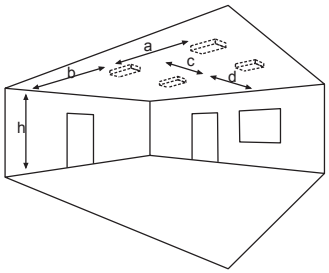
Accessories

Universal cover plate

Surface mounting



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

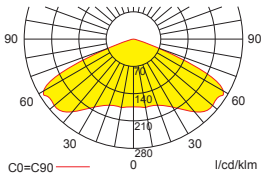


Ceiling mounting

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

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED



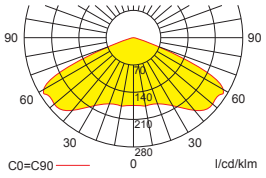
Luminous flux emergency / mains: 280lm

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
a	10.40	11.70	12.40	12.70	12.70	12.70	12.60	12.60	12.10	10.00	8.50	6.70
b	4.40	4.50	4.50	4.40	4.10	3.30	2.00	1.90	1.90	1.50	1.00	0.80
c	10.40	11.70	12.40	12.70	12.70	12.70	12.60	12.60	12.10	10.00	8.50	6.70
d	4.40	4.50	4.50	4.40	4.10	3.30	2.00	1.90	1.90	1.50	1.00	0.80

Self contained luminaires **wide area optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED



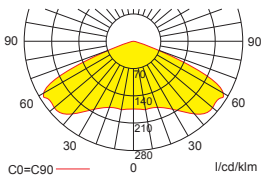
Luminous flux emergency / mains: 280lm/120lm – **Battery duration: 1h**

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
a	10.40	11.70	12.40	12.70	12.70	12.70	12.60	12.60	12.10	10.00	8.50	6.70
b	4.40	4.50	4.50	4.40	4.10	3.30	2.00	1.90	1.90	1.50	1.00	0.80
c	10.40	11.70	12.40	12.70	12.70	12.70	12.60	12.60	12.10	10.00	8.50	6.70
d	4.40	4.50	4.50	4.40	4.10	3.30	2.00	1.90	1.90	1.50	1.00	0.80

Self contained luminaires **wide area optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED



Luminous flux emergency / mains: 280lm/120lm – **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
a	10.40	11.70	12.40	12.70	12.70	12.70	12.60	12.60	12.10	10.00	8.50	6.70
b	4.40	4.50	4.50	4.40	4.10	3.30	2.00	1.90	1.90	1.50	1.00	0.80
c	10.40	11.70	12.40	12.70	12.70	12.70	12.60	12.60	12.10	10.00	8.50	6.70
d	4.40	4.50	4.50	4.40	4.10	3.30	2.00	1.90	1.90	1.50	1.00	0.80

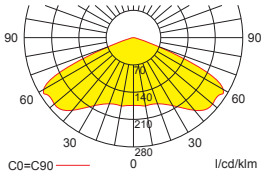
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Self contained luminaires **wide area optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED

Luminous flux emergency / mains: 120lm/120lm – **Battery duration: 8h**



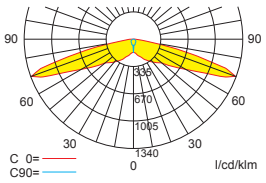
h	2.50	3.00	3.50	4.00	4.50	5.00
a	8.70	8.80	8.80	8.60	7.70	5.70
b	3.10	3.00	2.20	0.80	0.80	0.80
c	8.70	8.80	8.80	8.60	7.70	5.70
d	3.10	3.00	2.20	0.80	0.80	0.80

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

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED

Luminous flux emergency / mains: 280lm



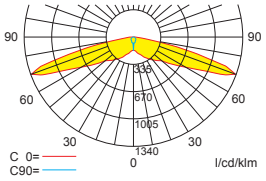
h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
a	18.80	21.00	23.00	24.60	25.90	26.00	25.70	25.70	22.00	19.50	17.00	12.50
b	8.20	8.90	9.50	9.20	8.00	7.00	5.80	5.80	5.00	4.50	4.00	3.50
c	–	–	–	–	–	–	–	–	–	–	–	–
d	–	–	–	–	–	–	–	–	–	–	–	–

Self contained luminaires **escape route optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED

Luminous flux emergency / mains: 280lm/120lm – **Battery duration: 1h**



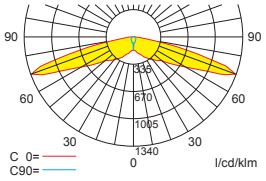
h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
a	18.80	21.00	23.00	24.60	25.90	26.00	25.70	25.70	22.00	19.50	17.00	12.50
b	8.20	8.90	9.50	9.20	8.00	7.00	5.80	5.80	5.00	4.50	4.00	3.50
c	–	–	–	–	–	–	–	–	–	–	–	–
d	–	–	–	–	–	–	–	–	–	–	–	–

Self contained luminaires **escape route optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED

Luminous flux emergency / mains: 280lm/120lm – **Battery duration: 3h**



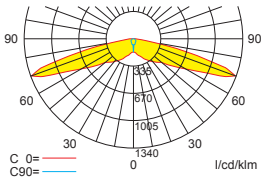
h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
a	18.80	21.00	23.00	24.60	25.90	26.00	25.70	25.70	22.00	19.50	17.00	12.50
b	8.20	8.90	9.50	9.20	8.00	7.00	5.80	5.80	5.00	4.50	4.00	3.50
c	–	–	–	–	–	–	–	–	–	–	–	–
d	–	–	–	–	–	–	–	–	–	–	–	–

Self contained luminaires **escape route optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED

Luminous flux emergency / mains: 120lm/120lm – **Battery duration: 8h**



h	2.50	3.00	3.50	4.00	4.50	5.00
a	15.80	17.10	16.80	14.00	12.00	9.50
b	6.20	5.10	3.90	3.00	2.00	1.50
c	–	–	–	–	–	–
d	–	–	–	–	–	–