



L-STAR A-R

Safety luminaire in compliance with EN 60598-1/2-22 and EN 1838.

Extremely flat, visually attractive sheet steel housing, powder-coated in white. Version for ceiling mounting with cast acrylic optics for escape route illumination.

Technical specifications

Luminaire type	Luminaires for central battery systems	Self contained luminaires
Illuminant	3 W LED	3 W LED
Connecting terminals	3 x 2.5 mm ² for double assignment	
Colour	white	
Material	Sheet steel	
Mounting type	Ceiling mounting	
Additional mounting types*	Ceiling mounting (wire suspension)	
Dimensions (W x H x D)	DM 180 x 28 x 180 mm	
Protection class	IP40	
Safety class	I	
IK Safety class	IK03	
Light current (mains)	280 lm	50 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% / 20%
Battery duration 3h	–	100% / 20%
Battery duration 8h	–	45% / 20%
Power consumption	6 VA	5 VA
Battery current input	15 mA	–
Battery duration	–	1h / 3h / 8h
Battery operation		
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	–
Self monitoring	–	SELF CHECK
Central monitoring	–	SAFELOG Line
Wireless monitoring	–	SAFELOG Wireless

* Optional accessory required

Accessories

Wire guard

Back box

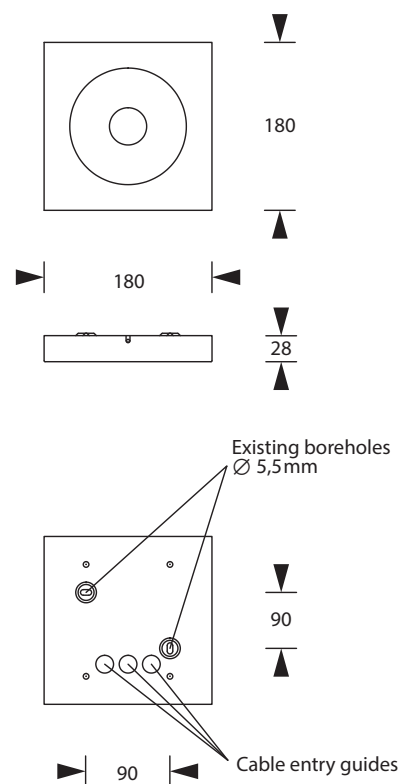
5lx-optics accessories-set

Downlight-optics accessories-set

Cable assembly set



Ceiling mounting



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: 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	8.50	9.00
a	18.20	20.40	22.50	24.30	25.90	27.40	28.90	27.60	27.50	21.00	16.00	14.00	10.00	8.00
b	8.00	8.90	9.60	10.10	10.50	10.30	9.10	6.20	6.20	6.00	6.00	6.00	6.00	4.00
c	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d	-	-	-	-	-	-	-	-	-	-	-	-	-	-

C 0° = 30°
C 90° = 0°
I/cd/klm

Self contained luminaires escape route optics

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED
Luminous flux emergency / mains: 280lm/50lm – 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	18.20	20.40	22.50	24.30	25.90	27.40	28.90	27.60	27.50	21.00	16.00	14.00	10.00	8.00
b	8.00	8.90	9.60	10.10	10.50	10.30	9.10	6.20	6.20	6.00	6.00	6.00	6.00	4.00
c	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d	-	-	-	-	-	-	-	-	-	-	-	-	-	-

C 0° = 30°
C 90° = 0°
I/cd/klm

Self contained luminaires escape route optics

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED
Luminous flux emergency / mains: 280lm/50lm – 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	18.20	20.40	22.50	24.30	25.90	27.40	28.90	27.60	27.50	21.00	16.00	14.00	10.00	8.00
b	8.00	8.90	9.60	10.10	10.50	10.30	9.10	6.20	6.20	6.00	6.00	6.00	6.00	4.00
c	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d	-	-	-	-	-	-	-	-	-	-	-	-	-	-

C 0° = 30°
C 90° = 0°
I/cd/klm

Self contained luminaires escape route optics

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED
Luminous flux emergency / mains: 120lm/50lm – Battery duration: 8h

h	2.50	3.00	3.50	4.00	4.50	5.00
a	15.50	17.10	18.60	18.00	12.00	10.00
b	6.60	7.00	6.90	4.30	4.00	3.00
c	-	-	-	-	-	-
d	-	-	-	-	-	-

C 0° = 30°
C 90° = 0°
I/cd/klm