IP40 | 3W LED | Colour

WALL-STAR XL EQ-F

MADE in GERMANY

Safety luminaire in compliance with EN IEC 60598-1/2-22 and EN 1838.
Almost wall-flush luminaire body made of die-cast aluminum, powder-coated in white or black in rectangular design for installation in device boxes with optics for surface illumination.
A rectangular surface-mounted housing for wall surface mounting is available as an option.



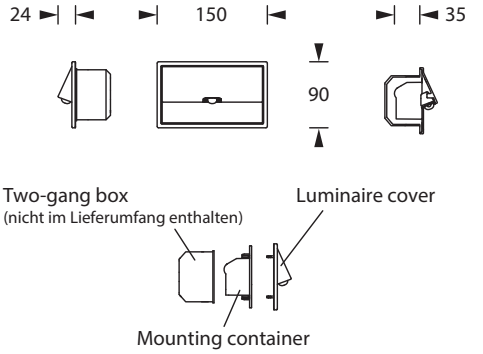
Figure shows accessory

Technical specifications

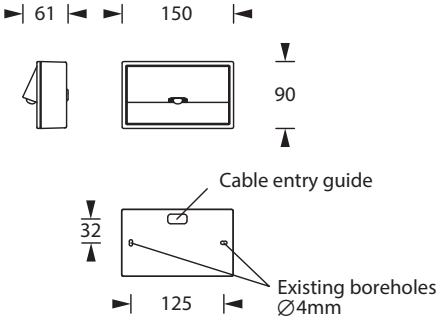
Luminaire type	Luminaires for central battery systems	Self contained luminaires
Illuminant	3 W LED	3 W LED
Connecting terminals	3 x 2.5 mm² for double assignment	
Colour	white / black	
Material	Aluminum die-cast	
Mounting type	Wall recessed mounting	
Additional mounting types*	Wall mounting	
Dimensions (W x H x D)	WE 150 x 24 x 90 mm	
Protection class	IP40	
Safety class	I	
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	ELC MSÜ3 SET009 SET010	–
Self monitoring	–	SELF CHECK
Central monitoring	–	SAFELOG Line
Wireless monitoring	–	SAFELOG Wireless

* Optional accessory required

Wall recessed mounting



Wall mounting



Accessories

Construction set XL

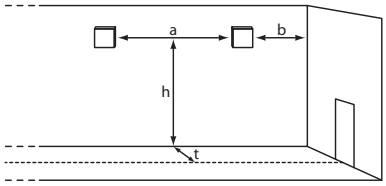
Technical changes reserved / 07.11.2026

Use in device boxes

The following device boxes are compatible with the luminaire (not included in the scope of delivery)

Type	Manufacturer	Manufacturer Art. No.	Remarks
Two-gang boxes for cavity wall installation	KAISER	9062-02	Wall cutout: 2x Ø 68 mm
Two-gang boxes for flushmounting installation	KAISER	1656-21	Wall cutout: 2x Ø 60 mm
Two-gang boxes for onside mixed concrete	KAISER	1269-01	Wall cutout: 60 x 131 mm

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



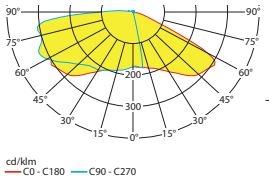
Wall mounting

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



t = 1.00	h	2.00	2.50	3.00	3.50	4.00
	a	9.40	10.90	12.20	13.20	14.00
	b	4.30	4.80	5.10	5.10	5.10
t = 2.00	h	2.00	2.50	3.00	3.50	4.00
	a	9.70	11.25	12.40	13.30	13.90
	b	4.30	4.70	4.70	4.80	4.90
t = 3.00	h	2.00	2.50	3.00	3.50	4.00
	a	9.70	11.00	12.20	12.90	12.90
	b	3.80	4.00	4.20	4.40	4.00

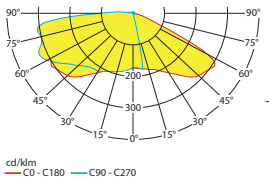
t = distance to escape middle

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**



t = 1.00	h	2.00	2.50	3.00	3.50	4.00
	a	9.40	10.90	12.20	13.20	14.00
	b	4.30	4.80	5.10	5.10	5.10
t = 2.00	h	2.00	2.50	3.00	3.50	4.00
	a	9.70	11.25	12.40	13.30	13.90
	b	4.30	4.70	4.70	4.80	4.90
t = 3.00	h	2.00	2.50	3.00	3.50	4.00
	a	9.70	11.00	12.20	12.90	12.90
	b	3.80	4.00	4.20	4.40	4.00

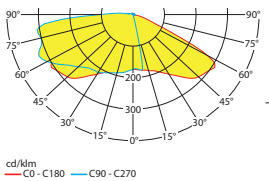
t = distance to escape middle

Self contained luminaires **wide area optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED

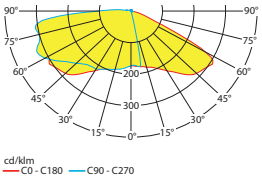
Luminous flux emergency / mains: 280lm/120lm – **Battery duration: 3h**



t = 1.00	h	2.00	2.50	3.00	3.50	4.00
	a	9.40	10.90	12.20	13.20	14.00
	b	4.30	4.80	5.10	5.10	5.10
t = 2.00	h	2.00	2.50	3.00	3.50	4.00
	a	9.70	11.25	12.40	13.30	13.90
	b	4.30	4.70	4.70	4.80	4.90
t = 3.00	h	2.00	2.50	3.00	3.50	4.00
	a	9.70	11.00	12.20	12.90	12.90
	b	3.80	4.00	4.20	4.40	4.00

t = distance to escape middle

Illuminant: 3W LED



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

t = 1.00	h	2.00	2.50	3.00	3.50	4.00
	a	8.00	8.90	9.20	9.20	9.10
	b	3.20	3.30	3.20	2.50	1.60
t = 2.00	h	2.00	2.50	3.00	3.50	4.00
	a	7.70	8.10	8.30	8.50	8.00
	b	2.80	2.90	2.50	1.50	1.00
t = 3.00	h	2.00	2.50	3.00	3.50	4.00
	a	6.30	6.60	7.10	–	–
	b	1.50	1.30	0.60	–	–

t = distance to escape middle