IP40 | 3W LED | Colour

WALL-STAR XL EQ-R

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 escape route illumination.
A rectangular surface-mounted housing for wall surface mounting is available as an option.



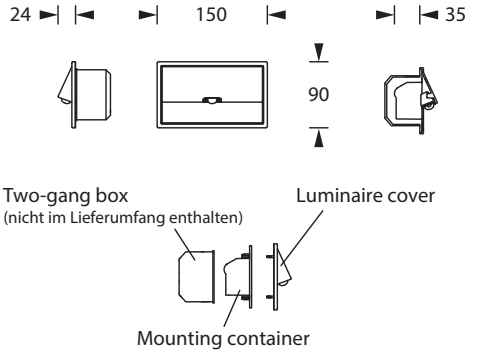
Figure shows accessory

Technical specifications

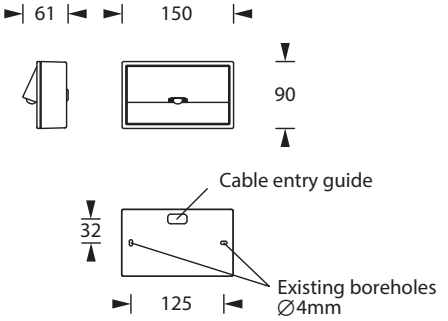
Luminaire type	Luminaires for central battery systems	Self contained luminaires
Illuminant	3 W LED	3 W LED
Connecting terminals	3 x 2.5 mm² for double assignment	
Colour	white / black	
Material	Aluminum die-cast	
Mounting type	Wall recessed mounting	
Additional mounting types*	Wall mounting	
Dimensions (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

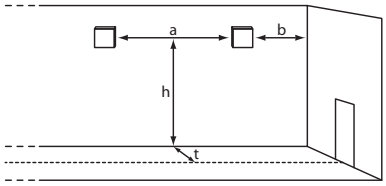
Technical changes reserved / 07.11.2026

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)



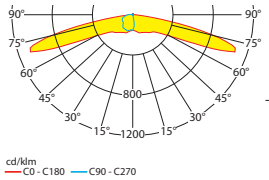
Wall mounting

Luminaires for central battery systems **escape route 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	17.50	20.00	22.00	23.80	25.50
	b	7.50	8.50	9.30	9.70	9.20
t = 2.00	h	2.00	2.50	3.00	3.50	4.00
	a	14.00	17.50	20.00	21.50	22.50
	b	3.00	3.50	4.00	5.00	5.00
t = 3.00	h	2.00	2.50	3.00	3.50	4.00
	a	5.70	6.90	7.50	9.00	10.00
	b	1.60	1.90	2.50	2.60	3.50

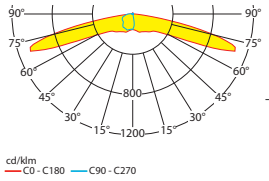
t = distance to escape middle

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**



t = 1.00	h	2.00	2.50	3.00	3.50	4.00
	a	17.50	20.00	22.00	23.80	25.50
	b	7.50	8.50	9.30	9.70	9.20
t = 2.00	h	2.00	2.50	3.00	3.50	4.00
	a	14.00	17.50	20.00	21.50	22.50
	b	3.00	3.50	4.00	5.00	5.00
t = 3.00	h	2.00	2.50	3.00	3.50	4.00
	a	5.70	6.90	7.50	9.00	10.00
	b	1.60	1.90	2.50	2.60	3.50

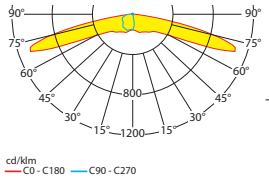
t = distance to escape middle

Self contained luminaires **escape route optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED

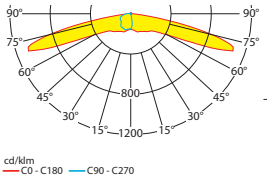
Luminous flux emergency / mains: 280lm/120lm – **Battery duration: 3h**



t = 1.00	h	2.00	2.50	3.00	3.50	4.00
	a	17.50	20.00	22.00	23.80	25.50
	b	7.50	8.50	9.30	9.70	9.20
t = 2.00	h	2.00	2.50	3.00	3.50	4.00
	a	14.00	17.50	20.00	21.50	22.50
	b	3.00	3.50	4.00	5.00	5.00
t = 3.00	h	2.00	2.50	3.00	3.50	4.00
	a	5.70	6.90	7.50	9.00	10.00
	b	1.60	1.90	2.50	2.60	3.50

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	13.60	15.70	16.50	16.30	14.20
	b	5.50	5.30	5.00	4.20	3.80
t = 2.00	h	2.00	2.50	3.00	3.50	4.00
	a	4.80	5.70	6.30	7.70	8.20
	b	1.20	2.00	2.70	2.90	2.50

t = distance to escape middle