



WALL-STAR XL EQ-F

Safety luminaire in compliance with EN 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.

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 / 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)		
Rated operating time 1h	-	280 lm
Rated operating time 3h	-	280 lm
Rated operating time 8h	-	120 lm
Luminous flux		
Emergency (DC) / mains		
Rated operating time 1h	-	100% / 45%
Rated operating time 3h	-	100% / 45%
Rated operating time 8h	-	45% / 45%
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		
Rated operating time 1h	-	4,8V 2,0Ah
Rated operating time 3h	-	4,8V 2,0Ah
Rated operating time 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

Accessories

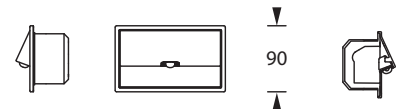
Construction set XL



Figure shows accessory

Wall recessed mounting

24 | 150 | 35



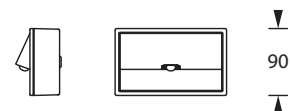
Two-gang box
(nicht im Lieferumfang enthalten)

Luminaire cover

Mounting container

Wall mounting

61 | 150



Cable entry guide

32

Existing boreholes
Ø4mm

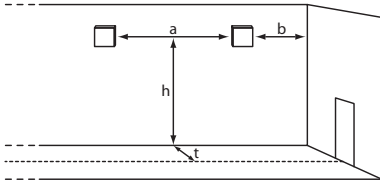
125

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 outside 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 =	h	2.00	2.50	3.00	3.50	4.00
1.00	a	9.40	10.90	12.20	13.20	14.00
	b	4.30	4.80	5.10	5.10	5.10
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
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 – **Rated operating time: 1h**

t =	h	2.00	2.50	3.00	3.50	4.00
1.00	a	9.40	10.90	12.20	13.20	14.00
	b	4.30	4.80	5.10	5.10	5.10
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
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

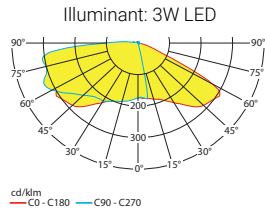
Illuminant: 3W LED
Luminous flux emergency / mains: 280lm/120lm – **Rated operating time: 3h**

t =	h	2.00	2.50	3.00	3.50	4.00
1.00	a	9.40	10.90	12.20	13.20	14.00
	b	4.30	4.80	5.10	5.10	5.10
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
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



Luminous flux emergency / mains: 120lm/120lm – **Rated operating time: 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