IP54 | 2W LED | Colour

E-LINE 200 BEL-R-90 DE

MADE in GERMANY

Safety luminaire in compliance with EN IEC 60598-1/2-22 and EN 1838.
Simple IP54 safety luminaire made of polycarbonate in white or black with clear cover. Screwless, easy-to-use locking mechanism. The luminaire can be used for recessed ceiling mounting lengthways and is equipped with optics for escape route illumination. The luminaire is equipped with a 2 Watt LED bar.

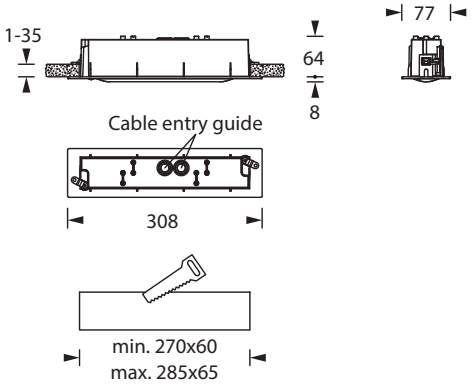


Technical specifications

Luminaire type	Luminaires for central battery systems	Self contained luminaires
Illuminant	2 W LED-bar	2 W LED-bar
Connecting terminals	2 x 2.5 mm² for double assignment	
Colour	white / black	
Material	Polycarbonate (light cover clear)	
Mounting type	Recessed mounting	
Additional mounting types*	Wall mounting, Ceiling mounting	
Dimensions (W x H x D)	DE 308 x 72 x 77 mm	
Dimensions ceiling cutout (L x W)	min. 270 x 60 mm / max. 285 x 65 mm	
Installation depth	94 mm	
Protection class	IP54	
Safety class	II	
IK Safety class	IK03	
Light current (mains)	240 lm	240 lm
Light current (emergency)		
Battery duration 1h	–	240 lm
Battery duration 3h	–	240 lm
Battery duration 8h	–	110 lm
Luminous flux Emergency (DC) / mains		
Battery duration 1h	–	100% / 100%
Battery duration 3h	–	100% / 100%
Battery duration 8h	–	45% / 100%
Power consumption	5.5 VA	5.5 VA
Battery current input	14 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

Recessed mounting

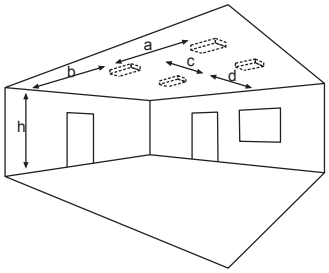


Accessories

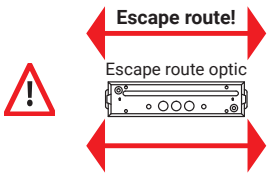
Wire guard
Ceiling mounting set - E-LINE

Technical changes reserved / 04.11.2026

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



Ceiling mounting

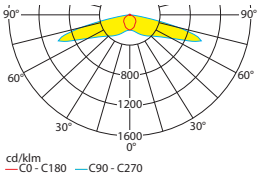


Mounting direction

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

Distance table for plane emergency routes / distance data in meters

Illuminant: 2W LED-bar



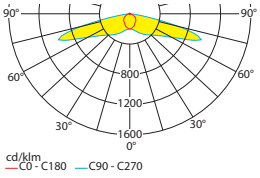
Luminous flux emergency / mains: 240lm

h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00
a	17.60	19.40	20.70	21.50	21.20	20.00	18.70	17.60	16.80	15.50
b	7.30	7.60	7.10	6.50	5.90	5.40	4.80	4.00	3.70	3.00
c	–	–	–	–	–	–	–	–	–	–
d	–	–	–	–	–	–	–	–	–	–

Self contained luminaires **escape route optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 2W LED-bar



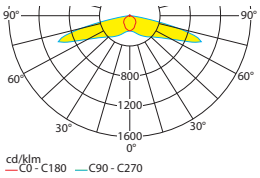
Luminous flux emergency / mains: 240lm/240lm – **Battery duration: 1h**

h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00
a	17.60	19.40	20.70	21.50	21.20	20.00	18.70	17.60	16.80	15.50
b	7.30	7.60	7.10	6.50	5.90	5.40	4.80	4.00	3.70	3.00
c	–	–	–	–	–	–	–	–	–	–
d	–	–	–	–	–	–	–	–	–	–

Self contained luminaires **escape route optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 2W LED-bar



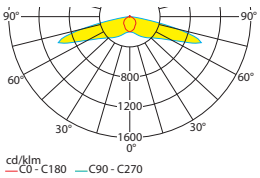
Luminous flux emergency / mains: 240lm/240lm – **Battery duration: 3h**

h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00
a	17.60	19.40	20.70	21.50	21.20	20.00	18.70	17.60	16.80	15.50
b	7.30	7.60	7.10	6.50	5.90	5.40	4.80	4.00	3.70	3.00
c	–	–	–	–	–	–	–	–	–	–
d	–	–	–	–	–	–	–	–	–	–

Self contained luminaires **escape route optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 2W LED-bar



Luminous flux emergency / mains: 110lm/240lm – **Battery duration: 8h**

h	2.50	3.00	3.50	4.00
a	14.10	14.00	12.70	11.50
b	4.50	3.90	3.40	2.50
c	–	–	–	–
d	–	–	–	–

Technical changes reserved / 04.11.2026