IK10 | IP65 | 2x3W LED | Colour

SBOX 170 BEL-2R-PG

MADE in GERMANY

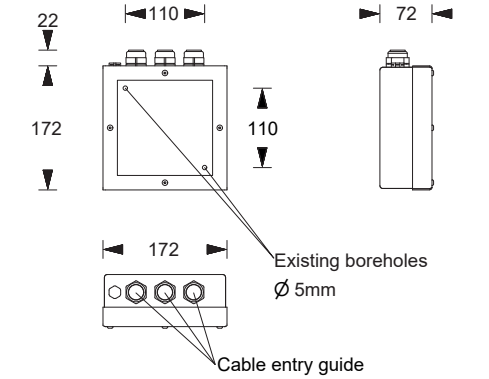
Safety luminaire in compliance with EN IEC 60598-1/2-22 and EN 1838.
Very robust safety luminaire with optics for escape route illumination made of powder-coated sheet steel in white for ceiling mounting. The luminaire is equipped with an IP65 membrane pressure compensation valve and a 8 mm polycarbonate pane as standard.



Technical specifications

Luminaire type	Luminaires for central battery systems	Self contained luminaires
Illuminant	2 x 3 W LED	2 x 3 W LED
Connecting terminals	3 x 2.5 mm² for double assignment	
Colour	white	
Material	Sheet steel	
Light color	6500K	
Mounting type	Ceiling mounting	
Dimensions (W x H x D)	DM 172 x 194 x 72 mm	
Protection class	IP65	
Safety class	I	
IK Safety class	IK10	
Light current (mains)	640 lm	480 lm
Light current (emergency)		
Battery duration 1h	–	640 lm
Battery duration 3h	–	300 lm
Battery duration 8h	–	130 lm
Luminous flux Emergency (DC) / mains		
Battery duration 1h	–	130% / 100%
Battery duration 3h	–	60% / 100%
Battery duration 8h	–	30% / 100%
Power consumption	7.6 VA	13.7 VA
Battery current input	22 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 SET010/025	–
Self monitoring	–	SELF CHECK
Central monitoring	–	SAFELOG Line
Wireless monitoring	–	SAFELOG Wireless

Ceiling mounting

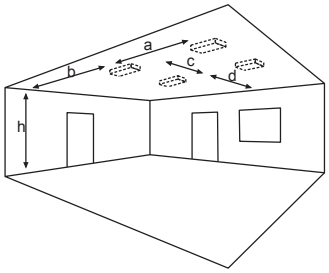


Accessories

Pole and wall bracket

Technical changes reserved / 19.11.2026

Lighting data and tables of luminaire distances (E = 1.25 lx)



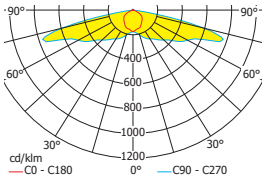
Ceiling mounting

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

Distance table for plane emergency routes / distance data in meters

Illuminant: 2 x 3W LED

Luminous flux emergency / mains: 640lm



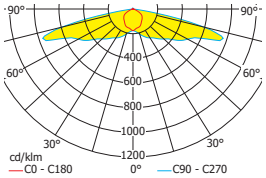
h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
a	21.20	23.60	25.70	27.40	29.00	29.80	29.80	28.90	28.10	27.90	27.80	27.60	27.30	26.80
b	9.10	10.00	10.50	10.70	10.00	9.90	9.80	9.70	9.40	8.80	8.20	7.80	7.10	6.20
c	–	–	–	–	–	–	–	–	–	–	–	–	–	–
d	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Self contained luminaires **escape route optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 2 x 3W LED

Luminous flux emergency / mains: 640lm/480lm – **Battery duration: 1h**



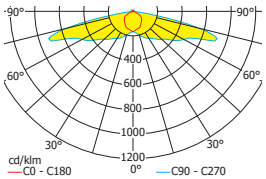
h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
a	21.20	23.60	25.70	27.40	29.00	29.80	29.80	28.90	28.10	27.90	27.80	27.60	27.30	26.80
b	9.10	10.00	10.50	10.70	10.00	9.90	9.80	9.70	9.40	8.80	8.20	7.80	7.10	6.20
c	–	–	–	–	–	–	–	–	–	–	–	–	–	–
d	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Self contained luminaires **escape route optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 2 x 3W LED

Luminous flux emergency / mains: 300lm/480lm – **Battery duration: 3h**



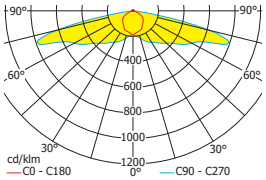
h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00
a	17.70	19.30	19.80	19.10	18.50	18.40	18.20	17.70
b	7.10	6.60	6.50	6.40	6.00	5.40	4.90	4.10
c	–	–	–	–	–	–	–	–
d	–	–	–	–	–	–	–	–

Self contained luminaires **escape route optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 2 x 3W LED

Luminous flux emergency / mains: 130lm/480lm – **Battery duration: 8h**



h	2.50	3.00	3.50	4.00
a	13.70	12.90	12.70	12.50
b	4.50	4.30	3.80	3.20
c	–	–	–	–
d	–	–	–	–