IK10 | IP65 | 2x3W LED | Colour

SBOX 170 BEL-2F

MADE in GERMANY

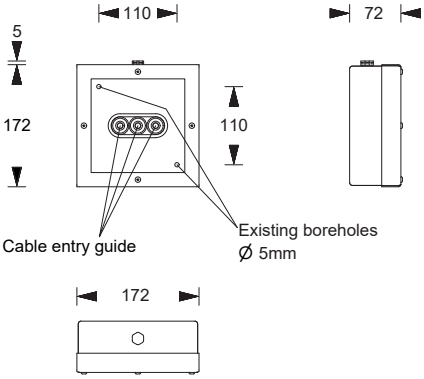
Safety luminaire in compliance with EN IEC 60598-1/2-22 and EN 1838.
Very robust safety luminaire for area illumination made of powder-coated sheet steel in white for ceiling mounting. The luminaire is equipped with an IP65 membrane pressure compensation valve and a 8 mm polycarbonate pane as standard.



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 177 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

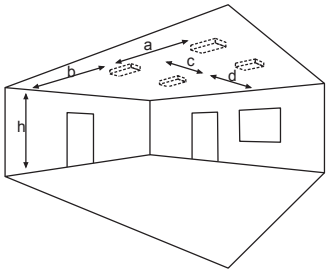


Accessories

Pole and wall bracket

Technical changes reserved / 19.11.2026

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



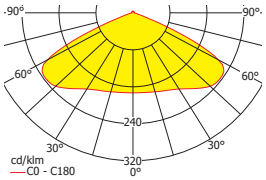
Ceiling mounting

Luminaires for central battery systems **Wide area illumination**

Distance table for plane emergency routes / distance data in meters

Illuminant: 2 x 3W LED

Luminous flux emergency / mains: 640lm



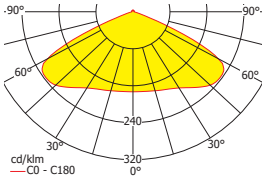
h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
a	11.70	13.30	14.70	16.00	17.20	18.00	18.70	19.10	19.20	19.30	19.20	19.10	18.80	18.20
b	5.20	5.90	6.30	6.60	6.80	6.80	6.80	6.60	6.30	5.90	5.30	4.50	3.70	2.50
c	11.70	13.30	14.70	16.00	17.20	18.00	18.70	19.10	19.20	19.30	19.20	19.10	18.80	18.20
d	5.20	5.90	6.30	6.60	6.80	6.80	6.80	6.60	6.30	5.90	5.30	4.50	3.70	2.50

Self contained luminaires **Wide area illumination**

Distance table for plane emergency routes / distance data in meters

Illuminant: 2 x 3W LED

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



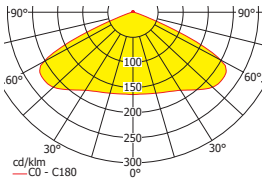
h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
a	11.70	13.30	14.70	16.00	17.20	18.00	18.70	19.10	19.20	19.30	19.20	19.10	18.80	18.20
b	5.20	5.90	6.30	6.60	6.80	6.80	6.80	6.60	6.30	5.90	5.30	4.50	3.70	2.50
c	11.70	13.30	14.70	16.00	17.20	18.00	18.70	19.10	19.20	19.30	19.20	19.10	18.80	18.20
d	5.20	5.90	6.30	6.60	6.80	6.80	6.80	6.60	6.30	5.90	5.30	4.50	3.70	2.50

Self contained luminaires **Wide area illumination**

Distance table for plane emergency routes / distance data in meters

Illuminant: 2 x 3W LED

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



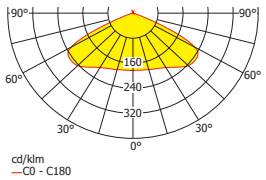
h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00
a	10.30	11.50	12.30	12.70	12.80	12.80	12.60	12.10
b	4.40	4.50	4.50	4.40	4.10	3.50	2.70	1.70
c	10.30	11.50	12.30	12.70	12.80	12.80	12.60	12.10
d	4.40	4.50	4.50	4.40	4.10	3.50	2.70	1.70

Self contained luminaires **Wide area illumination**

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	8.60	8.90	8.90	8.60
b	3.10	3.00	2.40	1.60
c	8.60	8.90	8.90	8.60
d	3.10	3.00	2.40	1.60