IK10 | IP65 | 2x3W LED | Colour

SBOX 170 BEL-2T-PG

MADE in GERMANY

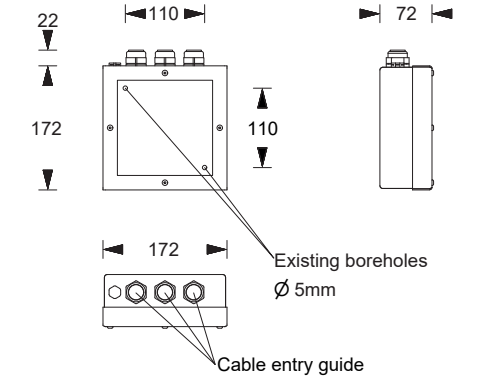
Safety luminaire in compliance with EN IEC 60598-1/2-22 and EN 1838.
Very robust safety luminaire made of powder-coated sheet steel in white for ceiling mounting and equipped with hall downlight optics for high ceilings. The luminaire is equipped with an IP65 membrane pressure compensation valve and 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

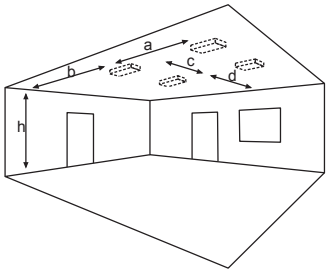


Accessories

Pole and wall bracket

Technical changes reserved / 19.11.2026

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



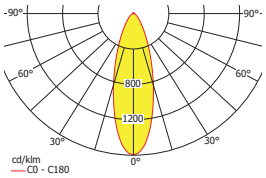
Ceiling mounting

Luminaires for central battery systems **downlight optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 2 x 3W LED

Luminous flux emergency / mains: 640lm



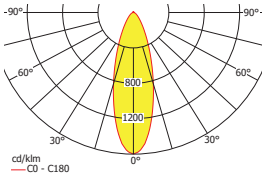
h	7.00	9.00	11.00	13.00	15.00	17.00	19.00	21.00	23.00	25.00	27.00
a	12.20	13.40	14.30	15.10	15.70	16.10	16.40	16.40	16.30	16.10	15.70
b	4.90	5.30	5.60	5.80	5.80	5.70	5.60	5.20	4.70	3.90	2.70
c	12.20	13.40	14.30	15.10	15.70	16.10	16.40	16.40	16.30	16.10	15.70
d	4.90	5.30	5.60	5.80	5.80	5.70	5.60	5.20	4.70	3.90	2.70

Self contained luminaires **downlight 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**



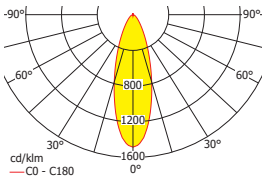
h	7.00	9.00	11.00	13.00	15.00	17.00	19.00	21.00	23.00	25.00	27.00
a	12.20	13.40	14.30	15.10	15.70	16.10	16.40	16.40	16.30	16.10	15.70
b	4.90	5.30	5.60	5.80	5.80	5.70	5.60	5.20	4.70	3.90	2.70
c	12.20	13.40	14.30	15.10	15.70	16.10	16.40	16.40	16.30	16.10	15.70
d	4.90	5.30	5.60	5.80	5.80	5.70	5.60	5.20	4.70	3.90	2.70

Self contained luminaires **downlight 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**



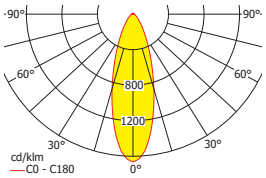
h	7.00	9.00	11.00	13.00	15.00	17.00
a	9.30	10.10	10.60	10.80	10.80	10.50
b	3.70	3.80	3.80	3.60	3.20	2.40
c	9.30	10.10	10.60	10.80	10.80	10.50
d	3.70	3.80	3.80	3.60	3.20	2.40

Self contained luminaires **downlight 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	7.00	9.00	11.00	13.00
a	7.30	7.60	7.50	7.00
b	2.70	2.50	2.00	0.60
c	7.30	7.60	7.50	7.00
d	2.70	2.50	2.00	0.60