SBOX 300 BEL WM/DM

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 wall or ceiling mounting. The luminaire is equipped with an IP65 membrane pressure compensation valve and a 8 mm polycarbonate pane as standard. The luminaire is available as a system luminaire for central battery systems with either a 3 watt, 6 watt or 10 watt LED-bar and as a single-battery version with a 3 watt or 6 watt LED-bar.

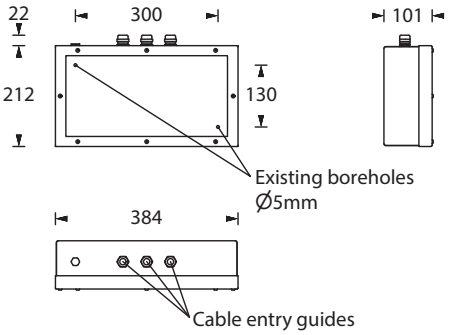


Technical specifications

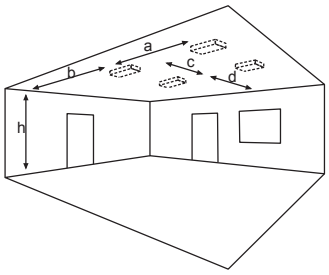
Luminaire type	**Luminaires for central battery systems**			**Self contained luminaires**	
Illuminant	3 W LED-bar	6 W LED-bar	10 W LED-bar	3 W LED-bar	6 W LED-bar
Connecting terminals	3 x 2.5 mm² for double assignment				
Colour	white				
Material	Sheet steel				
Mounting type	Wall-/ceiling mounting				
Dimensions (W x H x D)	WM/DM 384 x 234 x 101 mm				
Protection class	IP65				
Safety class	I				
IK Safety class	IK10				
Light current (mains)	350 lm	600 lm	1050 lm	350 lm	580 lm
Light current (emergency)					
Battery duration 1h	–	–	–	350 lm	580 lm
Battery duration 3h	–	–	–	350 lm	580 lm
Battery duration 8h	–	–	–	320 lm	320 lm
Luminous flux Emergency (DC) / mains					
Battery duration 1h	–	–	–	100% / 100%	100% / 100%
Battery duration 3h	–	–	–	100% / 100%	100% / 100%
Battery duration 8h	–	–	–	90% / 100%	55% / 100%
Power consumption	6 VA	10.3 VA	15 VA	9 VA	11.5 VA
Battery current input	19 mA	27 mA	41 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	4,8V 2,0Ah
Battery duration 3h	–	–	–	4,8V 2,0Ah	4,8V 4,2Ah
Battery duration 8h	–	–	–	4,8V 4,2Ah	4,8V 4,2Ah
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	DALI ELC MSÜ3 SET009 SET010/025			–	
Self monitoring	–			SELF CHECK	
Central monitoring	–			SAFELOG Line	
Wireless monitoring	–			SAFELOG Wireless	

Technical changes reserved / 07.11.2026

Wall-/ceiling mounting



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



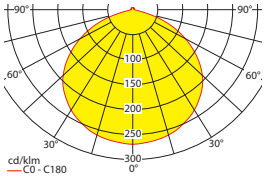
Ceiling mounting

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

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED-bar

Luminous flux emergency / mains: 350lm



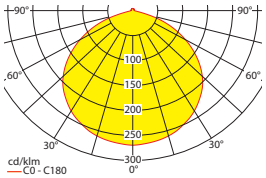
h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
a	9.60	10.30	11.00	11.50	11.90	12.20	12.40	12.50	12.50	12.40	12.20	12.00	11.60
b	3.90	4.10	4.30	4.40	4.40	4.40	4.30	4.10	3.90	3.50	3.10	2.40	1.20
c	9.60	10.30	11.00	11.50	11.90	12.20	12.40	12.50	12.50	12.40	12.20	12.00	11.60
d	3.90	4.10	4.30	4.40	4.40	4.40	4.30	4.10	3.90	3.50	3.10	2.40	1.20

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

Distance table for plane emergency routes / distance data in meters

Illuminant: 6W LED-bar

Luminous flux emergency / mains: 600lm



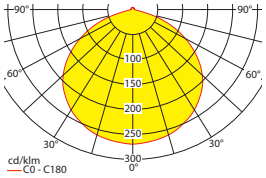
h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00	9.50	10.00	10.50	11.00
a	11.10	12.10	12.90	13.60	14.30	14.80	15.20	15.60	15.90	16.10	16.30	16.40	16.40	16.30	16.20	15.90	15.70	15.30
b	4.60	4.90	5.20	5.40	5.60	5.70	5.80	5.80	5.80	5.70	5.50	5.30	5.10	4.70	4.30	3.80	3.10	2.00
c	11.10	12.10	12.90	13.60	14.30	14.80	15.20	15.60	15.90	16.10	16.30	16.40	16.40	16.30	16.20	15.90	15.70	15.30
d	4.60	4.90	5.20	5.40	5.60	5.70	5.80	5.80	5.80	5.70	5.50	5.30	5.10	4.70	4.30	3.80	3.10	2.00

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

Distance table for plane emergency routes / distance data in meters

Illuminant: 10W LED-bar

Luminous flux emergency / mains: 1050lm



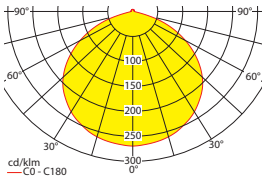
h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00	9.50	10.00	11.00	12.00
a	12.70	14.00	15.10	16.00	16.90	17.60	18.30	18.90	19.50	19.90	20.30	20.70	21.00	21.20	21.40	21.60	21.70	21.60
b	5.40	5.80	6.20	6.50	6.80	7.10	7.30	7.40	7.50	7.60	7.70	7.70	7.60	7.50	7.40	7.30	6.80	6.20
c	12.70	14.00	15.10	16.00	16.90	17.60	18.30	18.90	19.50	19.90	20.30	20.70	21.00	21.20	21.40	21.60	21.70	21.60
d	5.40	5.80	6.20	6.50	6.80	7.10	7.30	7.40	7.50	7.60	7.70	7.70	7.60	7.50	7.40	7.30	6.80	6.20

Self contained luminaires **Wide area illumination**

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED-bar

Luminous flux emergency / mains: 350lm/350lm – **Battery duration: 1h**



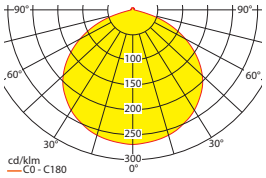
h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50
a	9.60	10.30	11.00	11.50	11.90	12.20	12.40	12.50	12.50	12.40	12.20	12.00	11.60
b	3.90	4.10	4.30	4.40	4.40	4.40	4.30	4.10	3.90	3.50	3.10	2.40	1.20
c	9.60	10.30	11.00	11.50	11.90	12.20	12.40	12.50	12.50	12.40	12.20	12.00	11.60
d	3.90	4.10	4.30	4.40	4.40	4.40	4.30	4.10	3.90	3.50	3.10	2.40	1.20

Technical changes reserved / 07.11.2026

Self contained luminaires **Wide area illumination**

Distance table for plane emergency routes / distance data in meters

Illuminant: 6W LED-bar



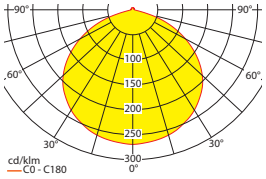
Luminous flux emergency / mains: 580lm/580lm – **Battery duration: 1h**

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	9.50	10.00	10.50	11.00
a	11.00	12.00	12.80	13.50	14.10	14.60	15.10	15.40	15.70	15.90	16.00	16.10	16.10	16.00	15.80	15.60	15.30	14.90
b	4.50	4.90	5.20	5.40	5.50	5.60	5.70	5.70	5.60	5.50	5.40	5.20	4.90	4.50	4.10	3.50	2.70	1.40
c	11.00	12.00	12.80	13.50	14.10	14.60	15.10	15.40	15.70	15.90	16.00	16.10	16.10	16.00	15.80	15.60	15.30	14.90
d	4.50	4.90	5.20	5.40	5.50	5.60	5.70	5.70	5.60	5.50	5.40	5.20	4.90	4.50	4.10	3.50	2.70	1.40

Self contained luminaires **Wide area illumination**

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED-bar



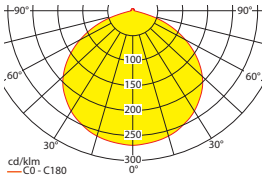
Luminous flux emergency / mains: 350lm/350lm – **Battery duration: 3h**

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
a	9.60	10.30	11.00	11.50	11.90	12.20	12.40	12.50	12.50	12.40	12.20	12.00	11.60
b	3.90	4.10	4.30	4.40	4.40	4.40	4.30	4.10	3.90	3.50	3.10	2.40	1.20
c	9.60	10.30	11.00	11.50	11.90	12.20	12.40	12.50	12.50	12.40	12.20	12.00	11.60
d	3.90	4.10	4.30	4.40	4.40	4.40	4.30	4.10	3.90	3.50	3.10	2.40	1.20

Self contained luminaires **Wide area illumination**

Distance table for plane emergency routes / distance data in meters

Illuminant: 6W LED-bar



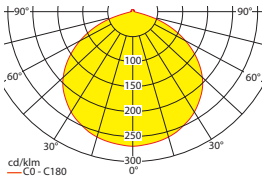
Luminous flux emergency / mains: 580lm/580lm – **Battery duration: 3h**

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	9.50	10.00	10.50	11.00
a	11.00	12.00	12.80	13.50	14.10	14.60	15.10	15.40	15.70	15.90	16.00	16.10	16.10	16.00	15.80	15.60	15.30	14.90
b	4.50	4.90	5.20	5.40	5.50	5.60	5.70	5.70	5.60	5.50	5.40	5.20	4.90	4.50	4.10	3.50	2.70	1.40
c	11.00	12.00	12.80	13.50	14.10	14.60	15.10	15.40	15.70	15.90	16.00	16.10	16.10	16.00	15.80	15.60	15.30	14.90
d	4.50	4.90	5.20	5.40	5.50	5.60	5.70	5.70	5.60	5.50	5.40	5.20	4.90	4.50	4.10	3.50	2.70	1.40

Self contained luminaires **Wide area illumination**

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED-bar



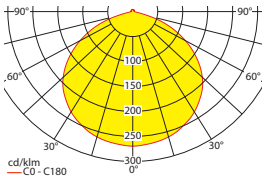
Luminous flux emergency / mains: 320lm/350lm – **Battery duration: 8h**

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
a	9.30	10.10	10.70	11.10	11.50	11.70	11.90	12.00	11.90	11.80	11.50	11.20
b	3.80	4.00	4.10	4.20	4.20	4.20	4.00	3.80	3.50	3.10	2.50	1.60
c	9.30	10.10	10.70	11.10	11.50	11.70	11.90	12.00	11.90	11.80	11.50	11.20
d	3.80	4.00	4.10	4.20	4.20	4.20	4.00	3.80	3.50	3.10	2.50	1.60

Self contained luminaires **Wide area illumination**

Distance table for plane emergency routes / distance data in meters

Illuminant: 6W LED-bar



Luminous flux emergency / mains: 320lm/580lm – **Battery duration: 8h**

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
a	9.30	10.10	10.70	11.10	11.50	11.70	11.90	12.00	11.90	11.80	11.50	11.20
b	3.80	4.00	4.10	4.20	4.20	4.20	4.00	3.80	3.50	3.10	2.50	1.60
c	9.30	10.10	10.70	11.10	11.50	11.70	11.90	12.00	11.90	11.80	11.50	11.20
d	3.80	4.00	4.10	4.20	4.20	4.20	4.00	3.80	3.50	3.10	2.50	1.60