

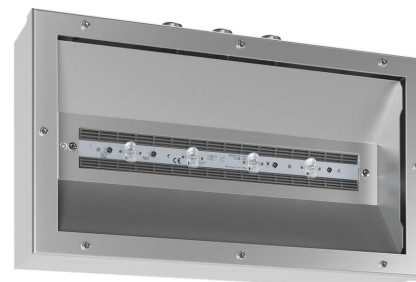


SBOX V2A 300 BEL-R DM

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 brushed stainless steel (V2A) for ceiling mounting. The luminaire is equipped with an IP65 membrane pressure compensation valve and a pane of 8 mm toughened safety glass as standard.

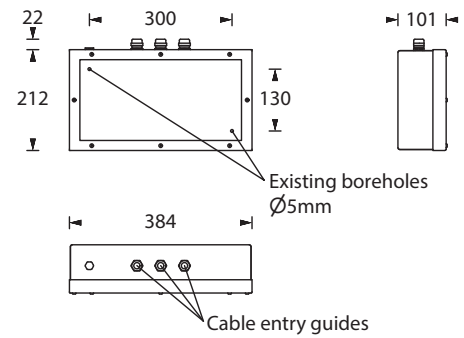
The luminaire is available as a system luminaire for central battery systems with either a 3 watt, 6 watt or 10 watt LED-bar and as a single-battery version with a 3 watt or 6 watt LED-bar.



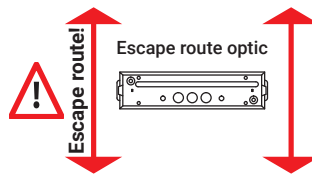
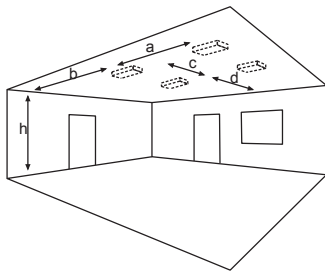
Technical specifications

Luminaire type	Luminaires for central battery systems			Self contained luminaires	
	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 mm ² for double assignment				
Colour	Stainless steel brushed				
Material	Stainless steel (V2A)				
Mounting type	Ceiling mounting				
Dimensions (W x H x D)	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	9.5 VA	11.5 VA
Battery current input	19 mA	27 mA	41 mA	–	
Battery duration				1h / 3h / 8h	
Battery operation	–				
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	

Ceiling mounting



Lighting data and tables of luminaire distances ($E = 1,25 \text{ lx}$)

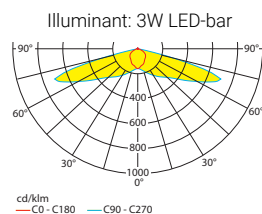


Ceiling mounting

Mounting direction

Luminaires for central battery systems escape route optics

Distance table for plane emergency routes / distance data in meters

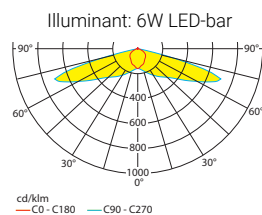


Luminous flux emergency / mains: 350lm

h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50
a	16.90	19.10	20.60	21.80	22.30	22.20	21.80	21.00	20.10
b	7.30	7.80	7.90	7.60	7.20	6.50	5.90	5.20	4.30
c	-	-	-	-	-	-	-	-	-
d	-	-	-	-	-	-	-	-	-

Luminaires for central battery systems escape route optics

Distance table for plane emergency routes / distance data in meters

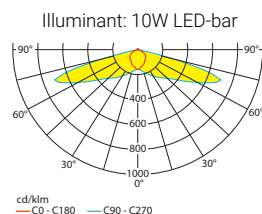


Luminous flux emergency / mains: 600lm

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
a	18.40	20.90	23.20	25.20	26.70	28.10	28.90	29.30	29.10	28.70	28.10	27.20	26.30
b	8.20	9.20	9.90	10.30	10.30	10.10	9.80	9.30	8.60	7.90	7.30	6.60	5.70
c	-	-	-	-	-	-	-	-	-	-	-	-	-
d	-	-	-	-	-	-	-	-	-	-	-	-	-

Luminaires for central battery systems escape route optics

Distance table for plane emergency routes / distance data in meters

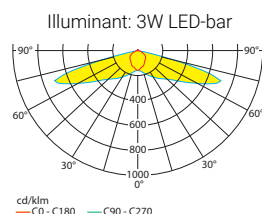


Luminous flux emergency / mains: 1050lm

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	10.50	11.00
a	19.80	22.60	25.30	27.80	30.10	32.20	34.00	35.50	36.90	37.90	38.40	38.80	38.60	38.30	37.70	37.00	36.10	35.30
b	9.00	10.20	11.30	12.20	12.90	13.50	13.70	13.70	13.50	13.20	12.70	12.20	11.60	10.80	10.20	9.60	8.90	8.10
c	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Self contained luminaires escape route optics

Distance table for plane emergency routes / distance data in meters

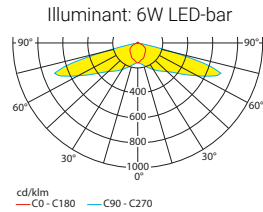


Luminous flux emergency / mains: 350lm/350lm – Battery duration: 1h

h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50
a	16.90	19.10	20.60	21.80	22.30	22.20	21.80	21.00	20.10
b	7.30	7.80	7.90	7.60	7.20	6.50	5.90	5.20	4.30
c	-	-	-	-	-	-	-	-	-
d	-	-	-	-	-	-	-	-	-

Self contained luminaires escape route optics

Distance table for plane emergency routes / distance data in meters

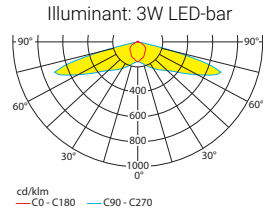


Luminous flux emergency / mains: 580lm/580lm – Battery duration: 1h

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
a	18.30	20.80	23.00	25.00	26.50	27.80	28.50	28.80	28.60	28.10	27.40	26.60	25.50
b	8.20	9.10	9.80	10.10	10.10	9.90	9.50	9.00	8.30	7.60	7.00	6.30	5.20
c	–	–	–	–	–	–	–	–	–	–	–	–	–
d	–	–	–	–	–	–	–	–	–	–	–	–	–

Self contained luminaires escape route optics

Distance table for plane emergency routes / distance data in meters

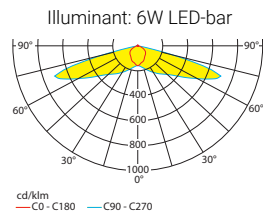


Luminous flux emergency / mains: 350lm/350lm – Battery duration: 3h

h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50
a	16.90	19.10	20.60	21.80	22.30	22.20	21.80	21.00	20.10
b	7.30	7.80	7.90	7.60	7.20	6.50	5.90	5.20	4.30
c	–	–	–	–	–	–	–	–	–
d	–	–	–	–	–	–	–	–	–

Self contained luminaires escape route optics

Distance table for plane emergency routes / distance data in meters

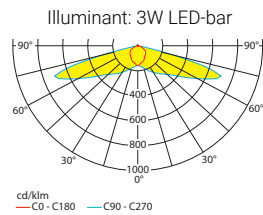


Luminous flux emergency / mains: 580lm/580lm – Battery duration: 3h

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
a	18.30	20.80	23.00	25.00	26.50	27.80	28.50	28.80	28.60	28.10	27.40	26.60	25.50
b	8.20	9.10	9.80	10.10	10.10	9.90	9.50	9.00	8.30	7.60	7.00	6.30	5.20
c	–	–	–	–	–	–	–	–	–	–	–	–	–
d	–	–	–	–	–	–	–	–	–	–	–	–	–

Self contained luminaires escape route optics

Distance table for plane emergency routes / distance data in meters

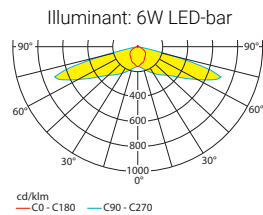


Luminous flux emergency / mains: 320lm/350lm – Battery duration: 8h

h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00
a	16.70	18.70	20.10	21.10	21.40	21.10	20.50	19.60
b	7.10	7.50	7.50	7.10	6.70	5.90	5.30	4.60
c	–	–	–	–	–	–	–	–
d	–	–	–	–	–	–	–	–

Self contained luminaires escape route optics

Distance table for plane emergency routes / distance data in meters



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
a	16.70	18.70	20.10	21.10	21.40	21.10	20.50	19.60
b	7.10	7.50	7.50	7.10	6.70	5.90	5.30	4.60
c	–	–	–	–	–	–	–	–
d	–	–	–	–	–	–	–	–