IP54 | 3W LED | 6W LED | 10W LED | Colour

SMARTLUX 300 BEL-R DM

MADE in GERMANY

Safety luminaire in compliance with EN IEC 60598-1/2-22 and EN 1838.
Appealing, modern IP54 safety luminaire with optics for escape route illumination, made of white polycarbonate and clear cover. Easy to install due to screwless click system.
Available with 3 Watt, 6 Watt or 10 Watt LED-bar.
Self contained luminaire 8h available on request.



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
Connecting terminals	2 x 2.5 mm² for double assignment			
Colour	white			
Material	Polycarbonate (light cover clear)			
Mounting type	Ceiling mounting			
Additional mounting types*	Recessed mounting, Ceiling mounting (wire suspension), Pendulum mounting			
Dimensions (W x H x D)	DM 313 x 174 x 54 mm			
Protection class	IP54			
Safety class	II			
IK Safety class	IK03			
Light current (mains)	350 lm	600 lm	1050 lm	350 lm
Light current (emergency)				
Battery duration 1h	–	–	–	350 lm
Battery duration 3h	–	–	–	350 lm
Luminous flux Emergency (DC) / mains				
Battery duration 1h	–	–	–	100% / 100%
Battery duration 3h	–	–	–	100% / 100%
Power consumption	6 VA	10.3 VA	15 VA	6 VA
Battery current input	19 mA	27 mA	41 mA	–
Battery duration Battery operation		–		1h / 3h
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 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 SET010/025			–
Self monitoring	–			SELF CHECK
Central monitoring	–			SAFELOG Line
Wireless monitoring	–			SAFELOG Wireless

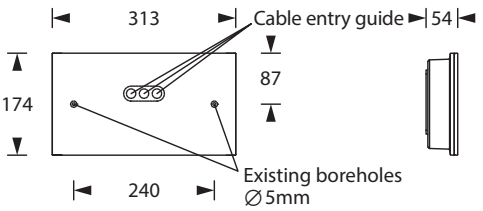
* Optional accessory required

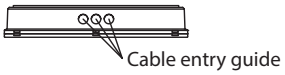
Technical changes reserved / 04.11.2026

Accessories

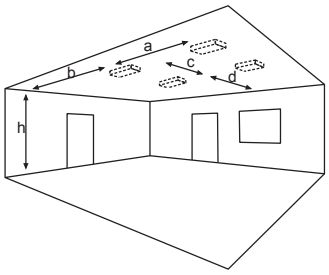
Wire guard
Ball protection cover
Recessed frame - set
Universal cover plate
Central pendulum - Plastic
Cable assembly set

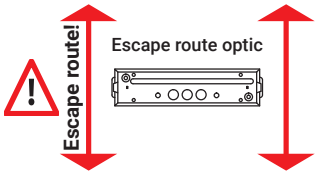
Ceiling mounting





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





Ceiling mounting

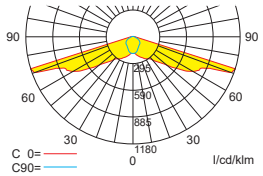
Mounting direction

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

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED-bar

Luminous flux emergency / mains: 350lm



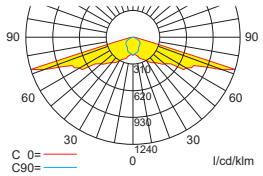
h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00	9.50
a	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
b	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
c	16.30	19.60	21.50	24.60	25.20	26.40	26.20	25.00	25.00	25.00	24.00	21.50	15.60	13.10	9.30
d	7.60	9.20	9.60	8.90	8.80	9.00	8.80	8.00	5.70	4.50	3.00	3.00	2.90	2.90	2.50

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

Distance table for plane emergency routes / distance data in meters

Illuminant: 6W LED-bar

Luminous flux emergency / mains: 600lm



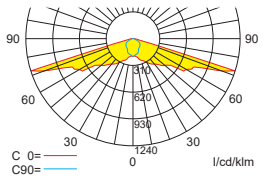
h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00	10.00	11.00	12.00	13.00
a	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
b	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
c	18.10	21.20	24.10	26.80	29.40	30.80	31.80	32.80	34.00	32.40	31.30	31.60	31.70	30.20	29.70	23.50	16.70	10.80
d	8.50	9.90	11.10	12.30	12.20	11.30	11.10	11.20	11.00	9.50	9.10	8.70	7.90	7.20	6.40	5.00	5.00	1.60

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

Distance table for plane emergency routes / distance data in meters

Illuminant: 10W LED-bar

Luminous flux emergency / mains: 1050lm



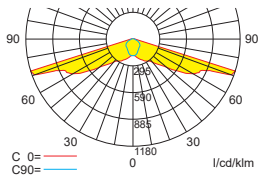
h	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	15.00	16.00	17.00	18.00
a	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
b	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
c	15.50	22.00	28.20	33.90	39.20	41.50	43.50	44.00	41.50	41.90	39.90	39.20	35.00	27.00	19.50	15.20	11.90
d	7.30	10.40	13.20	15.60	16.10	14.60	14.80	14.20	11.90	10.80	9.40	9.00	8.00	6.00	4.00	2.00	1.40

Self contained luminaires **escape route optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED-bar

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

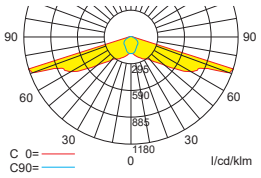


h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00	9.50
a	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
b	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
c	16.30	19.60	21.50	24.60	25.20	26.40	26.20	25.00	25.00	25.00	24.00	21.50	15.60	13.10	9.30
d	7.60	9.20	9.60	8.90	8.80	9.00	8.80	8.00	5.70	4.50	3.00	3.00	2.90	2.90	2.50

Technical changes reserved / 04.11.2026

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	9.00	9.50
a	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
b	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
c	16.30	19.60	21.50	24.60	25.20	26.40	26.20	25.00	25.00	25.00	24.00	21.50	15.60	13.10	9.30
d	7.60	9.20	9.60	8.90	8.80	9.00	8.80	8.00	5.70	4.50	3.00	3.00	2.90	2.90	2.50

Technical changes reserved / 04.11.2026