



SMARTLUX 300 BEL-T DM

Safety luminaire in compliance with EN 60598-1/2-22 and EN 1838.

Appealing, modern IP54 safety luminaire with hall downlight optics for high ceilings, 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.



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
Connecting terminals	2 x 2.5 mm ² 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			–
Self monitoring	–			SELF CHECK
Central monitoring	–			SAFELOG Line
Wireless monitoring	–			SAFELOG Wireless

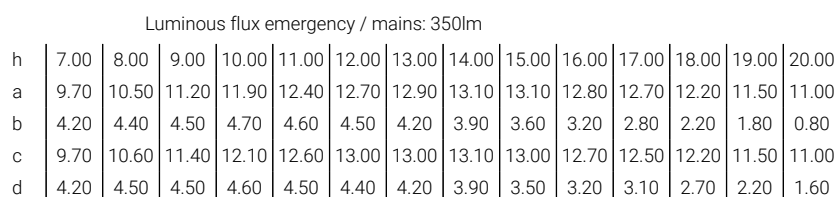
* Optional accessory required

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

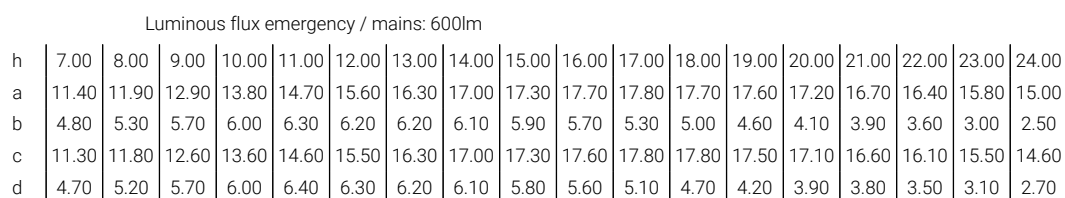
Technical drawing of the cable entry guide assembly. The top part shows a side view of a rectangular plate with dimensions 313 (width) and 174 (height). A cable entry guide is mounted on the top edge, with a distance of 54 from the right edge. Three existing boreholes, each with a diameter of 5mm, are located on the plate. The distance from the top edge to the center of the boreholes is 87. The bottom part shows a top view of the cable entry guide, which is 240 wide, with three boreholes spaced evenly across its width.

The diagram shows a 3D perspective of a room with a sloped ceiling. A vertical line on the left wall is labeled 'h', representing the height. Four sound wave paths are shown originating from a point on the left wall and reflecting off the ceiling. Path 'a' reflects once off the ceiling. Path 'b' reflects twice off the ceiling. Path 'c' reflects once off the ceiling and once off the right wall. Path 'd' reflects once off the ceiling and once off the right wall, following a different trajectory than 'c'. The ceiling is depicted with a grid of dashed lines to indicate its slope.

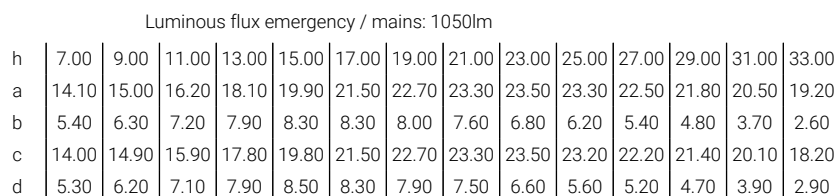
Distance table for plane emergency routes / distance data in meters



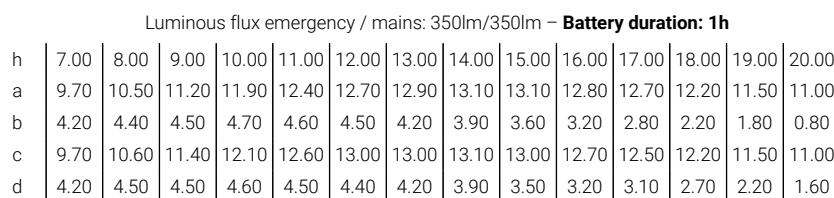
Distance table for plane emergency routes / distance data in meters

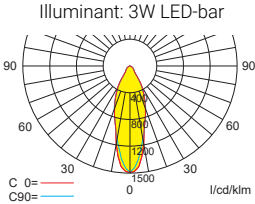


Distance table for plane emergency routes / distance data in meters



Distance table for plane emergency routes / distance data in meters





Luminous flux emergency / mains: 350lm/350lm – Battery duration: 3h														
h	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	15.00	16.00	17.00	18.00	19.00	20.00
a	9.70	10.50	11.20	11.90	12.40	12.70	12.90	13.10	13.10	12.80	12.70	12.20	11.50	11.00
b	4.20	4.40	4.50	4.70	4.60	4.50	4.20	3.90	3.60	3.20	2.80	2.20	1.80	0.80
c	9.70	10.60	11.40	12.10	12.60	13.00	13.00	13.10	13.00	12.70	12.50	12.20	11.50	11.00
d	4.20	4.50	4.50	4.60	4.50	4.40	4.20	3.90	3.50	3.20	3.10	2.70	2.20	1.60