



UNILINE BEL WM/DM

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

Slim and screwless IP65 safety luminaire for area illumination. The luminaire is made of robust polycarbonate and has an IP65 diaphragm pressure equalization valve. Cable entries from rear for mounting on wall or ceiling. Can also be used for recessed ceiling mounting with optional mounting frame. The luminaire is available with 3 W, 6 W and 10 W LED strip.

The 3 W version can be converted to a combined escape sign safety luminaire with either 23 m or 30 m recognition distance in just a few seconds using an optional set. A pictogram set and a wall mounting adapter are included with the optional pictogram disk (not possible for 8-hour single battery luminaire).

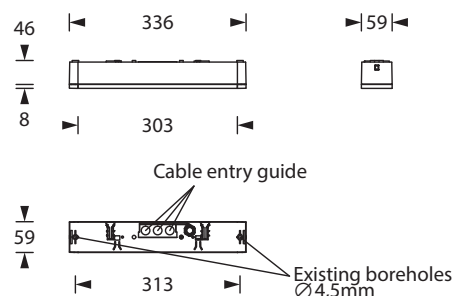
Alternatively, the luminaire is available with battery heater (4.8V 2.0Ah) to extend the temperature range in the luminaire to -20°C.

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
Illuminant				
Connecting terminals	2 x 2.5 mm ² for double assignment			
Colour	white / black			
Material	Polycarbonate (light cover clear)			
Mounting type	Wall-/ceiling mounting			
Additional mounting types*	Recessed mounting, Ceiling mounting (wire suspension), Pendulum mounting			
Dimensions (W x H x D)	WM/DM 336 x 54 x 59 mm			
Protection class	IP65			
Safety class	II			
IK Safety class	IK03			
Light current (mains)	380 lm	600 lm	1050 lm	380 lm
Light current (emergency)				
Battery duration 1h	–	–	–	380 lm
Battery duration 3h	–	–	–	320 lm
Battery duration 8h	–	–	–	140 lm
Luminous flux				
Emergency (DC) / mains				
Battery duration 1h	–	–	–	100% / 100%
Battery duration 3h	–	–	–	85% / 100%
Battery duration 8h	–	–	–	40% / 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 / 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 + AkH
Battery duration 3h	–	–	–	4,8V 2,0Ah 4,8V 2,0Ah + AkH
Battery duration 8h	–	–	–	4,8V 2,0Ah 4,8V 2,0Ah + AkH
Temperature range	-10°C to +40°C			–
Non-maintained mode	–			0°C to +35°C
Maintained mode	–			-5°C to +30°C



Wall-/ceiling mounting



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

Accessories

Wire guard

Cement assembly box

Recessed ceiling frame - UNILINE

Universal cover plate

Double pendulum set with long canopy

Central pendulum sets with long canopy

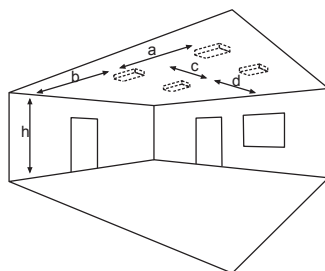
Wire sets with long canopy

Cable assembly set

Set for parallel wall mounting

Pictogram disc set - UNILINE

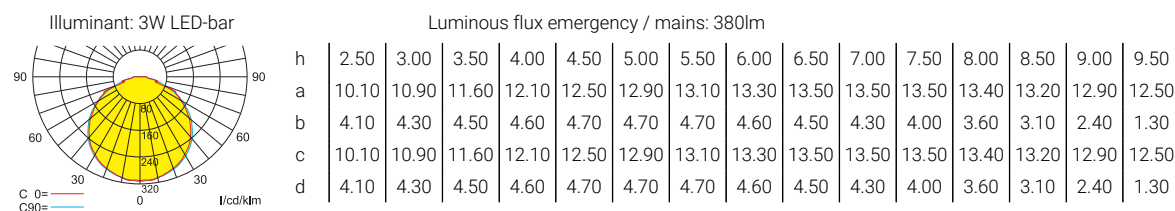
Lighting data and tables of luminaire distances (E = 1,25 lx)



Ceiling mounting

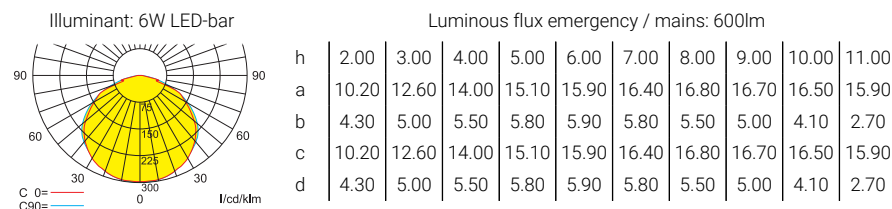
Luminaires for central battery systems Wide area illumination

Distance table for plane emergency routes / distance data in meters



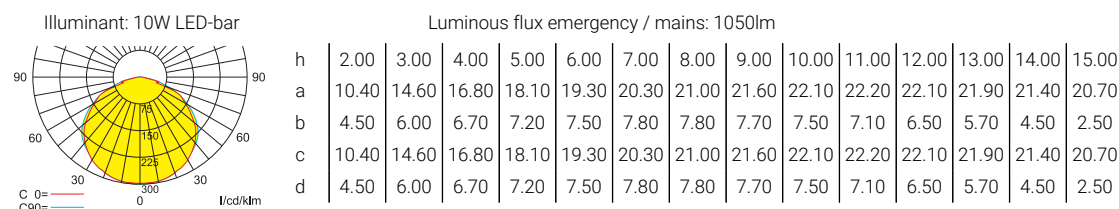
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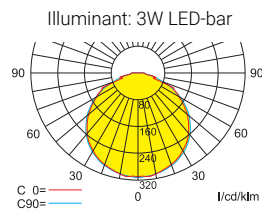
Luminaires for central battery systems Wide area illumination

Distance table for plane emergency routes / distance data in meters



Wide area illumination

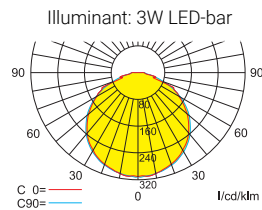
Distance table for plane emergency routes / distance data in meters



Luminous flux emergency / mains: 380lm/380lm – 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	10.10	10.90	11.60	12.10	12.50	12.90	13.10	13.30	13.50	13.50	13.50	13.40	13.20	12.90	12.50
b	4.10	4.30	4.50	4.60	4.70	4.70	4.70	4.60	4.50	4.30	4.00	3.60	3.10	2.40	1.30
c	10.10	10.90	11.60	12.10	12.50	12.90	13.10	13.30	13.50	13.50	13.50	13.40	13.20	12.90	12.50
d	4.10	4.30	4.50	4.60	4.70	4.70	4.70	4.60	4.50	4.30	4.00	3.60	3.10	2.40	1.30

Wide area illumination

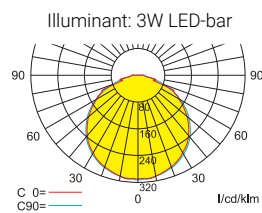
Distance table for plane emergency routes / distance data in meters



Luminous flux emergency / mains: 320lm/380lm – 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	10.40	10.90	11.40	11.70	12.00	12.20	12.40	12.40	12.30	12.20	12.00	11.70
b	3.80	4.10	4.20	4.30	4.30	4.30	4.30	4.10	3.90	3.60	3.20	2.60	1.80
c	9.60	10.40	10.90	11.40	11.70	12.00	12.20	12.40	12.40	12.30	12.20	12.00	11.70
d	3.80	4.10	4.20	4.30	4.30	4.30	4.30	4.10	3.90	3.60	3.20	2.60	1.80

Wide area illumination

Distance table for plane emergency routes / distance data in meters



Luminous flux emergency / mains: 140lm/380lm – Battery duration: 8h							
h	2.50	3.00	3.50	4.00	4.50	5.00	5.50
a	7.40	7.80	8.00	8.20	8.20	8.10	7.80
b	2.80	2.90	2.80	2.70	2.40	2.00	1.40
c	7.40	7.80	8.00	8.20	8.20	8.10	7.80
d	2.80	2.90	2.80	2.70	2.40	2.00	1.40