UNILINE BEL-R DM

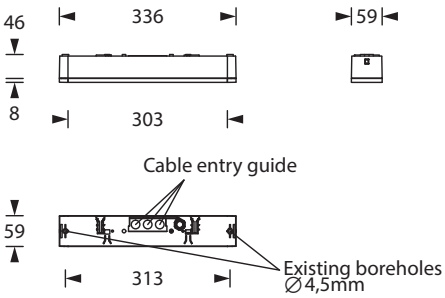
Safety luminaire in compliance with EN IEC 60598-1/2-22 and EN 1838.
Slim and screwless IP65 safety luminaire with optics for escape route illumination.
The luminaire is made of robust polycarbonate and has an IP65 diaphragm pressure equalization valve.
Luminaire for ceiling mounting with cable entries from the rear. Can also be used for recessed ceiling mounting with optional mounting frame.
The luminaire is available with 3W, 6W and 10W LED strip.
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
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 / black			
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 336 x 54 x 59 mm			
Protection class	IP65			
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	–	–	–	280 lm
Battery duration 8h	–	–	–	120 lm
Luminous flux Emergency (DC) / mains				
Battery duration 1h	–	–	–	100% / 100%
Battery duration 3h	–	–	–	80% / 100%
Battery duration 8h	–	–	–	35% / 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

Ceiling mounting



Technical changes reserved / 04.11.2026

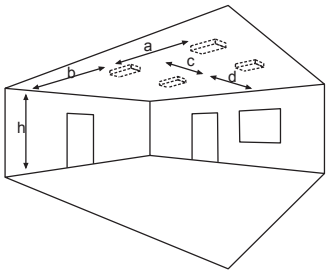
optional		
Multi-switch and monitoring module	DALI ELC MSÜ3 SET009 SET010 SET010/025	–
Self monitoring	–	SELF CHECK
Central monitoring	–	SAFELOG Line
Wireless monitoring	–	SAFELOG Wireless

* Optional accessory required

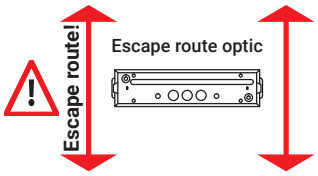
Accessories

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

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



Ceiling mounting



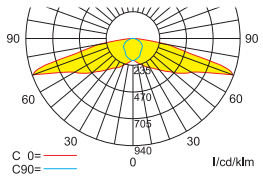
Mounting direction

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



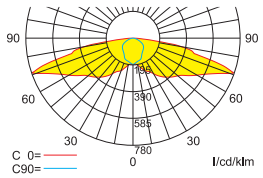
h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00
a	–	–	–	–	–	–	–	–	–	–
b	–	–	–	–	–	–	–	–	–	–
c	17.90	20.20	22.10	23.40	23.80	23.30	22.50	21.90	21.50	21.10
d	7.80	8.40	8.20	7.80	7.60	7.40	7.00	6.30	5.50	4.40

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



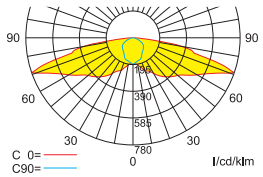
h	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00
a	–	–	–	–	–	–	–	–
b	–	–	–	–	–	–	–	–
c	18.10	22.00	26.00	28.30	28.10	27.50	27.00	25.70
d	7.50	9.40	10.00	9.70	9.30	8.60	8.00	6.80

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



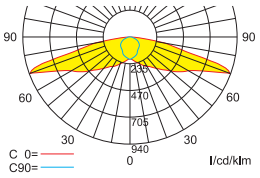
h	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00	10.00	11.00	12.00
a	–	–	–	–	–	–	–	–	–	–	–
b	–	–	–	–	–	–	–	–	–	–	–
c	21.10	25.10	29.30	33.40	36.40	37.80	37.20	36.60	36.00	35.40	33.90
d	8.60	10.70	12.50	13.40	13.00	12.70	12.30	11.60	11.00	10.20	8.90

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**



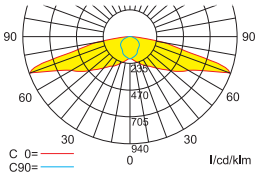
h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00
a	–	–	–	–	–	–	–	–	–	–
b	–	–	–	–	–	–	–	–	–	–
c	17.90	20.20	22.10	23.40	23.80	23.30	22.50	21.90	21.50	21.10
d	7.80	8.40	8.20	7.80	7.60	7.40	7.00	6.30	5.50	4.40

Self contained luminaires **escape route optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED-bar

Luminous flux emergency / mains: 280lm/350lm – **Battery duration: 3h**



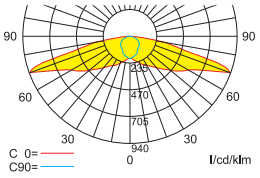
h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00
a	–	–	–	–	–	–	–	–
b	–	–	–	–	–	–	–	–
c	17.20	19.30	20.80	21.30	20.80	20.00	19.50	19.10
d	7.40	7.50	7.10	6.80	6.60	6.20	5.50	4.50

Self contained luminaires **escape route optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED-bar

Luminous flux emergency / mains: 120lm/350lm – **Battery duration: 8h**



h	2.50	3.00	3.50	4.00
a	–	–	–	–
b	–	–	–	–
c	13.80	13.50	12.80	12.40
d	4.50	4.30	3.70	2.80