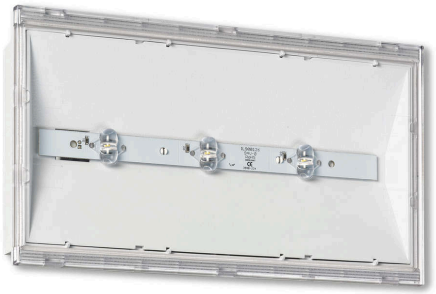
IP54 | 2W LED | Colour

SMARTLUX 200 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 escape route optics for escape route illumination made of white polycarbonate with clear luminaire cover and simple, screwless mounting by click system.
The luminaire is equipped with a 2 Watt LED strip.

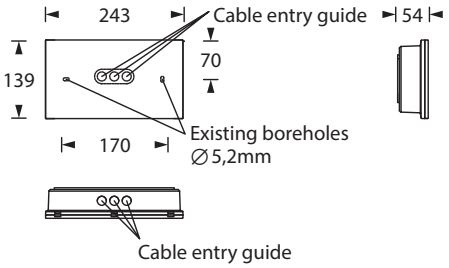


Technical specifications

Luminaire type	Luminaires for central battery systems	Self contained luminaires
Illuminant	2 W LED-bar	2 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 243 x 139 x 54 mm	
Protection class	IP54	
Safety class	II	
IK Safety class	IK03	
Light current (mains)	240 lm	240 lm
Light current (emergency)		
Battery duration 1h	–	240 lm
Battery duration 3h	–	240 lm
Battery duration 8h	–	110 lm
Luminous flux Emergency (DC) / mains		
Battery duration 1h	–	100% / 100%
Battery duration 3h	–	100% / 100%
Battery duration 8h	–	45% / 100%
Power consumption	5.5 VA	5.5 VA
Battery current input	14 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
Battery duration 3h	–	4,8V 2,0Ah
Battery duration 8h	–	4,8V 2,0Ah
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	ELC MSÜ3 SET009 SET010	–
Self monitoring	–	SELF CHECK
Central monitoring	–	SAFELOG Line
Wireless monitoring	–	SAFELOG Wireless

* Optional accessory required

Ceiling mounting

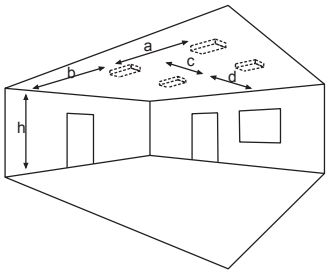


Technical changes reserved / 04.11.2026

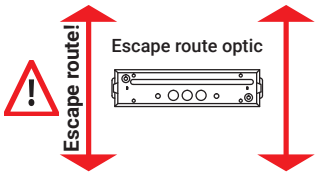
Accessories

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

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



Ceiling mounting



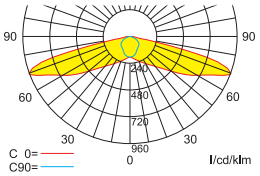
Mounting direction

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

Distance table for plane emergency routes / distance data in meters

Illuminant: 2W LED-bar

Luminous flux emergency / mains: 240lm



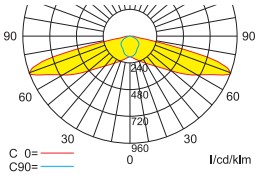
h	2.50	3.00	3.50	4.00	4.50	5.00	5.50
a	–	–	–	–	–	–	–
b	–	–	–	–	–	–	–
c	17.50	19.10	20.30	21.20	21.20	20.60	20.10
d	7.20	7.50	7.30	7.00	6.60	5.70	4.40

Self contained luminaires **escape route optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 2W LED-bar

Luminous flux emergency / mains: 240lm/240lm – **Battery duration: 1h**



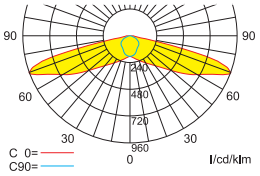
h	2.50	3.00	3.50	4.00	4.50	5.00	5.50
a	–	–	–	–	–	–	–
b	–	–	–	–	–	–	–
c	17.50	19.10	20.30	21.20	21.20	20.60	20.10
d	7.20	7.50	7.30	7.00	6.60	5.70	4.40

Self contained luminaires **escape route optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 2W LED-bar

Luminous flux emergency / mains: 240lm/240lm – **Battery duration: 3h**



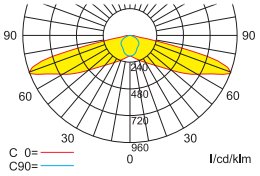
h	2.50	3.00	3.50	4.00	4.50	5.00	5.50
a	–	–	–	–	–	–	–
b	–	–	–	–	–	–	–
c	17.50	19.10	20.30	21.20	21.20	20.60	20.10
d	7.20	7.50	7.30	7.00	6.60	5.70	4.40

Self contained luminaires **escape route optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 2W LED-bar

Luminous flux emergency / mains: 110lm/240lm – **Battery duration: 8h**



h	2.50	3.00	3.50	4.00
a	–	–	–	–
b	–	–	–	–
c	14.00	14.30	13.80	13.30
d	4.80	4.50	3.50	2.20