23m | IP43 | 2W LED | 3W LED | Colour

SMARTLUX 200 TWIN DM

MADE in GERMANY

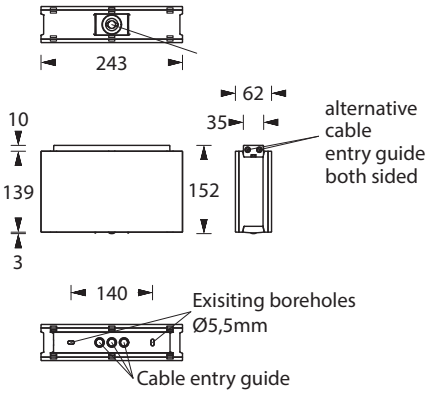
Multi-purpose luminaire EN IEC 60598-1/2-22, EN 1838, DIN 4844-1.
Combined escape sign and emergency luminaire made of white polycarbonate with clear cover and simple, screwless mounting by click system. Luminaire for one-sided mounting of pictograms for ceiling mounting and simultaneous illumination of areas or escape routes. The optics for area illumination are already pre-mounted, those for escape routes are enclosed. The luminaire price includes one plug-in pictogram foil set - arrow left/right/down/up/blind (Visibility distance 23 m) per luminaire. The luminaire is equipped with a 2 Watt LED-bar and additionally with a 3 Watt Power LED. Despite the combination of two types of luminaires, this luminaire is only a single luminaire. Therefore, it is also counted as only one luminaire in the circuit.



Technical specifications

Luminaire type	Luminaires for central battery systems	Self contained luminaires
Illuminant	2 W LED-bar	2 W LED-bar
Illuminant safety modul	3W LED	3W LED
Visibility distance	23 m	
Luminance	DIN 4844-1 > 500 cd/m²	
Connecting terminals	2 x 2.5 mm² for double assignment	
Colour	white	
Material	Polycarbonate (light cover clear)	
Mounting type	Ceiling mounting	
Additional mounting types*	wall bracket mounting, Ceiling mounting (wire suspension), Pendulum mounting	
Dimensions (W x H x D)	DM 243 x 152 x 62 mm	
Protection class	IP43	
Safety class	II	
IK Safety class	IK03	
Light current (mains)	240 lm	240 lm
Luminous flux Emergency (DC) / mains		
Battery duration 1h	–	30% / 100%
Battery duration 3h	–	30% / 100%
Light (Net) current safety module	190 lm	–
Light current (Emergency) safety module		
Battery duration 1h	–	190 lm
Battery duration 3h	–	190 lm
Luminous flux Emergency (DC) / mains safety module		
Battery duration 1h	–	100% / 0%
Battery duration 3h	–	100% / 0%
Power consumption	11.5 VA	10.5 VA
Battery current input	29 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 2,0Ah
Temperature range	-10°C to +40°C	–
Non-maintained mode	–	0°C to +35°C
Maintained mode	–	-5°C to +30°C
Circuit options		
Pictogram	maintained mode DS	DS / BS switchable
Safety modul	non-maintained mode BS	

Ceiling mounting



Technical changes reserved / 04.11.2026

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

Pictogram-set - included in the delivery



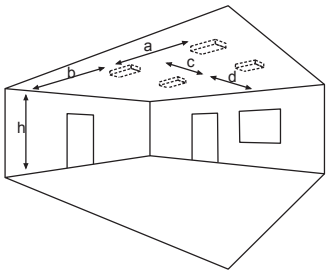
Optional pictograms (-sets)



Accessories

Universal cover plate
Chain assembly set
Central pendulum - Plastic
Cable assembly set
Wall bracket
Pictograms

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



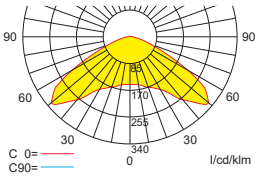
Ceiling mounting

Luminaires for central battery systems **wide area optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED

Luminous flux emergency / mains: 190lm



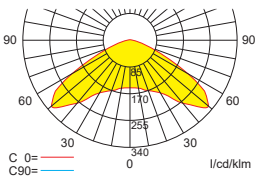
h	2.50	3.00	3.50	4.00	4.50	5.00
a	8.60	9.70	10.50	11.20	11.70	9.50
b	3.60	3.90	4.00	3.00	2.90	1.50
c	8.60	9.70	10.50	11.20	11.70	9.50
d	3.60	3.90	4.00	3.00	2.90	1.50

Self contained luminaires **wide area optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED

Luminous flux emergency / mains: 190lm – **Battery duration: 1h**

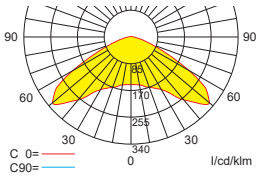


h	2.50	3.00	3.50	4.00	4.50	5.00
a	8.60	9.70	10.50	11.20	11.70	9.50
b	3.60	3.90	4.00	3.00	2.90	1.50
c	8.60	9.70	10.50	11.20	11.70	9.50
d	3.60	3.90	4.00	3.00	2.90	1.50

Self contained luminaires **wide area optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED



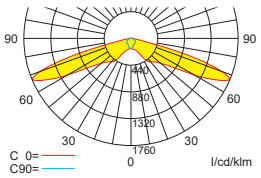
Luminous flux emergency / mains: 190lm – **Battery duration: 3h**

h	2.50	3.00	3.50	4.00	4.50	5.00
a	8.60	9.70	10.50	11.20	11.70	9.50
b	3.60	3.90	4.00	3.00	2.90	1.50
c	8.60	9.70	10.50	11.20	11.70	9.50
d	3.60	3.90	4.00	3.00	2.90	1.50

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

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED



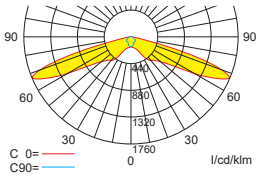
Luminous flux emergency / mains: 190lm

h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00
a	–	–	–	–	–	–	–	–
b	–	–	–	–	–	–	–	–
c	16.20	18.20	20.10	22.00	23.70	24.30	15.60	13.60
d	7.00	8.10	8.70	9.00	8.80	8.20	5.60	5.40

Self contained luminaires **escape route optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED



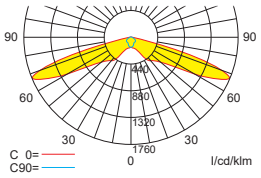
Luminous flux emergency / mains: 190lm – **Battery duration: 1h**

h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00
a	–	–	–	–	–	–	–	–
b	–	–	–	–	–	–	–	–
c	16.20	18.20	20.10	22.00	23.70	24.30	15.60	13.60
d	7.00	8.10	8.70	9.00	8.80	8.20	5.60	5.40

Self contained luminaires **escape route optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED



Luminous flux emergency / mains: 190lm – **Battery duration: 3h**

h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00
a	–	–	–	–	–	–	–	–
b	–	–	–	–	–	–	–	–
c	16.20	18.20	20.10	22.00	23.70	24.30	15.60	13.60
d	7.00	8.10	8.70	9.00	8.80	8.20	5.60	5.40