

30m

 $\frac{3W}{LED} + \frac{3W}{LED}$ 

IP43

# SMARTLUX 300 TWIN DM 5LX

Combined exit sign and 5lx safety luminaire.

The safety luminaire with a 20 degree inclined optic was constructed to meet the needs of the special demands according to EN 1838 in regards to illumination of firefighting equipment and safety devices like fire extinguishers, fire alarm and first aid devices with 5lx.

The robust polycarbonate luminaire has no screws for fast mounting.

Included are either two similar special pictograms or one pictogram-set (arrow left, right, down, blind). Please choose when you order the luminaire.

The exit sign part is equipped with a 3W LED bar, the safety luminaire with a 3W power LED.

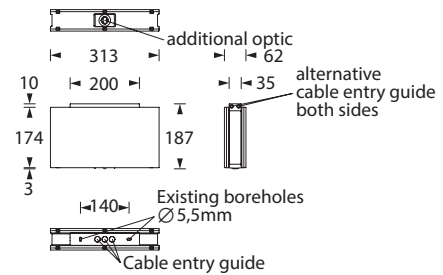
Even though the luminaire combines two different types of luminaires, it is counted as one single luminaire within an electric circuit.





## Technical specifications

Visibility distance	30m
Connecting terminals	2 x 2,5 mm <sup>2</sup> for double assignment
Casing/colour	Polycarbonate/white (light cover clear)
Type of assembly	Ceiling mounting
Dimensions (W x H x D)	313 x 187 x 62 mm
Protection class	IP43
Safety class	II

	■ Luminaires for central battery systems		■ Self contained luminaires	
	Exit sign	Safety modul	Exit sign	Safety modul
Illuminant	3W LED-bar	3W Power LED	3W LED-bar	3W Power LED
Light current	350lm	190lm	350lm	190lm
Rated operating time 1h/3h	-	-	-	190lm (emergency)
Rated operating time 8h	-	-	-	80lm (emergency)
Luminous flux				
Emergency (DC)/mains 1h/3h	-	-	15% - 50% / 100%	100% / 0%
Emergency (DC)/mains 8h	-	-	-	42% / 0%
Power consumption		12VA		11VA
Battery current input		34mA		-
Rated operating time				
Battery operation	-	-	1h/3h/8h	1h/3h/8h
Voltage supply		230V 50/60Hz / 220V DC +25/-20%		230V 50/60Hz
NiMh-Akku 1h/3h/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 SAFELOG Wireless













## Circuit options

	■ Luminaires for central battery systems		■ Self contained luminaires
	no monitoring	with monitoring module ELC, MSÜ3, SET009, SET010	all versions
	maintained mode	maintained mode	maintained or non-maintained mode possible
	maintained mode	maintained or non-maintained mode possible	non-maintained mode

Technische Änderungen vorbehalten/Technical changes reserved

## Accessories

## Pictograms\*

Chain assembly set	 Fire extinguisher	 First aid box
Cable assembly set	 Fire hose reel	 Meeting place
Central pendulum	 Fire detection device	 Defibrillator
Wall bracket	 Exit pictogram FR	 Exit pictogram FU
	 Exit pictogram FL	 Blind pane

\* Included are either two similar special pictograms or one pictogram-set (arrow down, left, right, blind). Please choose when ordering

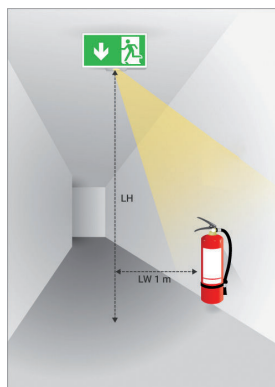
## Lighting datas and graphics of luminaire distances (E = 5 lx)

### ■ Luminaires for central battery systems

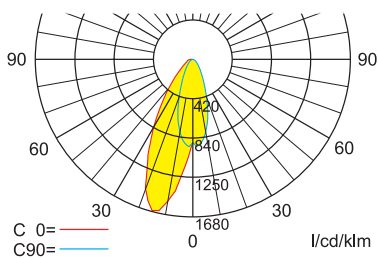
### ■ Self contained luminaires

20 degree inclined optic

The 20 degree inclined optic was constructed to meet the needs of the special demands according to EN 1838 in regards to illumination of firefighting equipment and safety devices like fire extinguishers, fire alarm and first aid devices with 5lx. The space between the luminaire and the object which has to be illuminated is max. 1m.

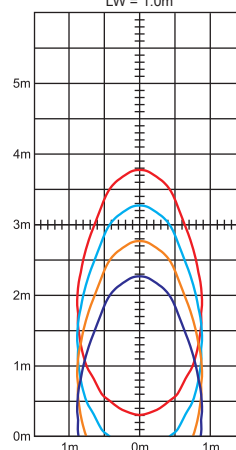


Illuminant: 3W LED



Luminous flux emergency (DC)/mains:  
190lm / 190lm

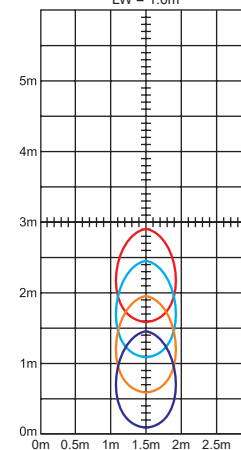
distance between luminaire and wall (LW)  
LW = 1.0m



minimum illuminated area with 5lx at luminaire height (Lh)  
Lh=4,0m — Lh=3,5m — Lh=3,0m — Lh=2,5m

Luminous flux emergency (DC)/mains:  
80lm / 190lm

distance between luminaire and wall (LW)  
LW = 1.0m



minimum illuminated area with 5lx at luminaire height (Lh)  
Lh=4,0m — Lh=3,5m — Lh=3,0m — Lh=2,5m