



BEAM 140-PC A-R

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

Compact polycarbonate housing in an appealing design with round hollow of the surface. Easy to handle locking mechanism without screws. Version for ceiling mounting with one high-power LED (switching type: non-maintained mode) and cast acrylic optics for escape route illumination by rectangular light deflection characteristic. For unprotected outdoor installation, the luminaire can be optionally equipped with a pressure equalization valve to be installed on site.

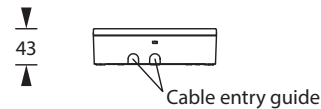
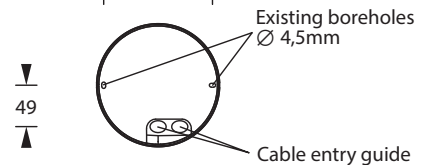
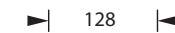
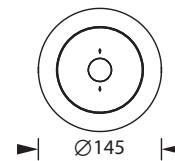


Technical specifications

Luminaire type	Luminaires for central battery systems	Self contained luminaires
Illuminant	3 W LED	3 W LED
Connecting terminals	2 x 2.5 mm ² for double assignment	
Colour	white	
Material	Polycarbonate	
Mounting type	Ceiling mounting	
Additional mounting types*	Ceiling mounting (wire suspension)	
Dimensions (Ø x H)	DM 145 x 43 mm	
Protection class	IP65	
Safety class	II	
IK Safety class	IK03	
Light current (mains)	280 lm	120 lm
Light current (emergency)		
Rated operating time 1h	-	280 lm
Rated operating time 3h	-	280 lm
Rated operating time 8h	-	120 lm
Luminous flux		
Emergency (DC) / mains		
Rated operating time 1h	-	100% / 45%
Rated operating time 3h	-	100% / 45%
Rated operating time 8h	-	45% / 45%
Power consumption	6 VA	5 VA
Battery current input	15 mA	-
Battery duration	-	1h / 3h / 8h
Battery operation		
Voltage supply	230V 50/60Hz; 220V DC +25/-20%	230V 50/60Hz
NiMH-battery		
Rated operating time 1h	-	4,8V 2,0Ah 4,8V 2,0Ah + AkH
Rated operating time 3h	-	4,8V 2,0Ah 4,8V 2,0Ah + AkH
Rated operating time 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
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



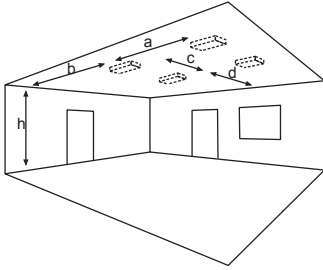
Accessories

Wire guard

Pressure compensation valve

Cable assembly set

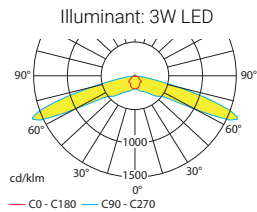
Lighting data and tables of luminaire distances (E = 1,25 lx)



Ceiling mounting

Luminaires for central battery systems escape route optics

Distance table for plane emergency routes / distance data in meters

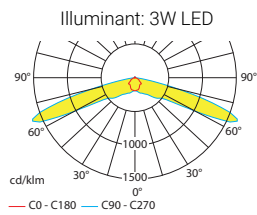


Luminous flux emergency / mains: 280lm

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
a	18.30	20.60	22.70	24.60	26.30	27.90	25.60	25.20	25.40	22.50	18.50	16.50
b	8.10	9.00	9.80	10.40	11.00	6.60	6.10	4.50	3.00	3.00	3.00	3.00
c	-	-	-	-	-	-	-	-	-	-	-	-
d	-	-	-	-	-	-	-	-	-	-	-	-

Self contained luminaires escape route optics

Distance table for plane emergency routes / distance data in meters

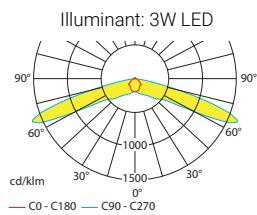


Luminous flux emergency / mains: 280lm/120lm – **Rated operating time: 1h**

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
a	18.30	20.60	22.70	24.60	26.30	27.90	25.60	25.20	25.40	22.50	18.50	16.50
b	8.10	9.00	9.80	10.40	11.00	6.60	6.10	4.50	3.00	3.00	3.00	3.00
c	-	-	-	-	-	-	-	-	-	-	-	-
d	-	-	-	-	-	-	-	-	-	-	-	-

Self contained luminaires escape route optics

Distance table for plane emergency routes / distance data in meters

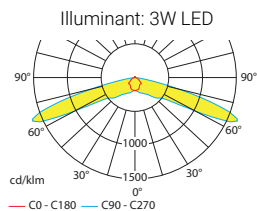


Luminous flux emergency / mains: 280lm/120lm – **Rated operating time: 3h**

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
a	18.30	20.60	22.70	24.60	26.30	27.90	25.60	25.20	25.40	22.50	18.50	16.50
b	8.10	9.00	9.80	10.40	11.00	6.60	6.10	4.50	3.00	3.00	3.00	3.00
c	-	-	-	-	-	-	-	-	-	-	-	-
d	-	-	-	-	-	-	-	-	-	-	-	-

Self contained luminaires escape route optics

Distance table for plane emergency routes / distance data in meters



Luminous flux emergency / mains: 120lm/120lm – **Rated operating time: 8h**

h	2.50	3.00	3.50	4.00	4.50	5.00
a	15.70	17.40	17.20	16.50	16.00	12.00
b	6.70	7.20	4.10	2.70	2.50	2.00
c	-	-	-	-	-	-
d	-	-	-	-	-	-