IP40 | 3W LED | Colour

BEAM 125R-PC A-R

Safety luminaire in compliance with EN IEC 60598-1/2-22 and EN 1838.
Compact, attractive polycarbonate housing with round optics recess. Screwless luminaire closure by snap-in mechanism. Version for ceiling mounting with one high-power LED (switching type: non-maintained mode) and cast acrylic optics for escape route illumination due to rectangular light deflection characteristics.

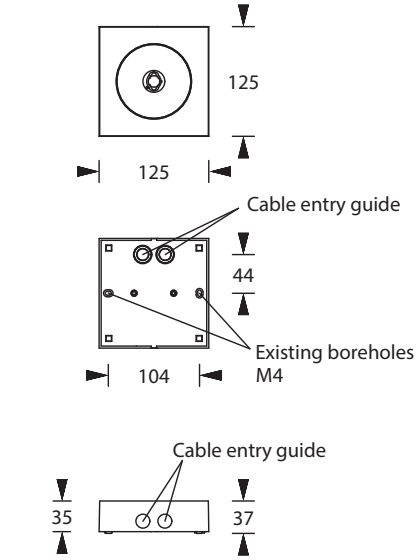


Technical specifications

Luminaire type	Luminaires for central battery systems	Self contained luminaires
Illuminant	3 W LED	3 W LED
Connecting terminals	2 x 2.5 mm² for double assignment	
Colour	white / black	
Material	Polycarbonate	
Mounting type	Ceiling mounting	
Additional mounting types*	Ceiling mounting (wire suspension), Pendulum mounting	
Dimensions (W x H x D)	DM 125 x 37 x 125 mm	
Protection class	IP40	
Safety class	II	
IK Safety class	IK03	
Light current (mains)	120 lm	120 lm
Light current (emergency)		
Battery duration 1h	–	280 lm
Battery duration 3h	–	280 lm
Battery duration 8h	–	120 lm
Luminous flux Emergency (DC) / mains		
Battery duration 1h	–	100% / 45%
Battery duration 3h	–	100% / 45%
Battery duration 8h	–	45% / 45%
Power consumption	6 VA	5 VA
Battery current input	15 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

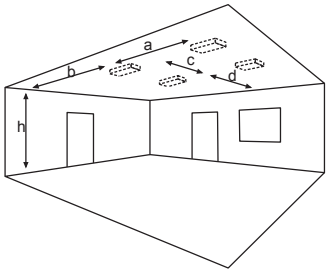


Technical changes reserved / 10.11.2026

Accessories

Wire guard
5lx-optics accessories-set
Downlight-optics accessories-set
Central pendulum - BEAM 125/130
Wire mounting set - BEAM 125/130
Cable assembly set

Lighting data and tables of luminaire distances (E = 1.25 lx)



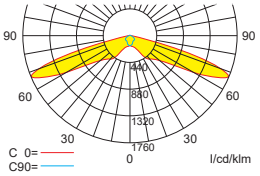
Ceiling mounting

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

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED

Luminous flux emergency / mains: 120lm



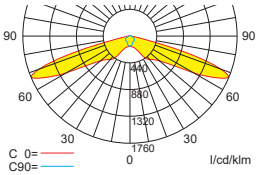
h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
a	18.20	20.40	22.50	24.30	25.90	27.40	28.90	27.60	27.50	21.00	16.00	14.00	10.00	8.00
b	8.00	8.90	9.60	10.10	10.50	10.30	9.10	6.20	6.20	6.00	6.00	6.00	6.00	4.00
c	–	–	–	–	–	–	–	–	–	–	–	–	–	–
d	–	–	–	–	–	–	–	–	–	–	–	–	–	–

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: 280lm



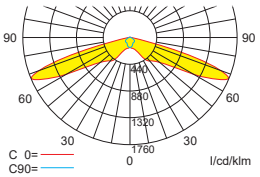
h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
a	18.20	20.40	22.50	24.30	25.90	27.40	28.90	27.60	27.50	21.00	16.00	14.00	10.00	8.00
b	8.00	8.90	9.60	10.10	10.50	10.30	9.10	6.20	6.20	6.00	6.00	6.00	6.00	4.00
c	–	–	–	–	–	–	–	–	–	–	–	–	–	–
d	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Self contained luminaires **escape route optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED

Luminous flux emergency / mains: 280lm/120lm – **Battery duration: 1h**



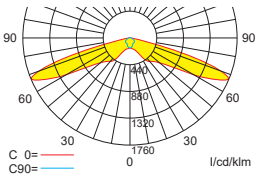
h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
a	18.20	20.40	22.50	24.30	25.90	27.40	28.90	27.60	27.50	21.00	16.00	14.00	10.00	8.00
b	8.00	8.90	9.60	10.10	10.50	10.30	9.10	6.20	6.20	6.00	6.00	6.00	6.00	4.00
c	–	–	–	–	–	–	–	–	–	–	–	–	–	–
d	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Self contained luminaires **escape route optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED

Luminous flux emergency / mains: 280lm/120lm – **Battery duration: 3h**

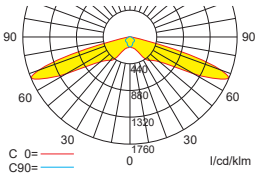


h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
a	18.20	20.40	22.50	24.30	25.90	27.40	28.90	27.60	27.50	21.00	16.00	14.00	10.00	8.00
b	8.00	8.90	9.60	10.10	10.50	10.30	9.10	6.20	6.20	6.00	6.00	6.00	6.00	4.00
c	–	–	–	–	–	–	–	–	–	–	–	–	–	–
d	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED

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



h	2.50	3.00	3.50	4.00	4.50	5.00
a	15.50	17.10	18.60	18.00	12.00	10.00
b	6.60	7.00	6.90	4.30	4.00	3.00
c	–	–	–	–	–	–
d	–	–	–	–	–	–

Technical changes reserved / 10.11.2026