IP40 | 3W LED | Colour

BEAM AC-R

MADE in GERMANY

Safety luminaire in compliance with EN IEC 60598-1/2-22 and EN 1838.
Extremely flat, architecturally attractive die-cast aluminum housing. Screwless, easy-to-use locking mechanism.
Version for surface ceiling mounting with cast acrylic optics for escape route illumination due to rectangular light control characteristics.

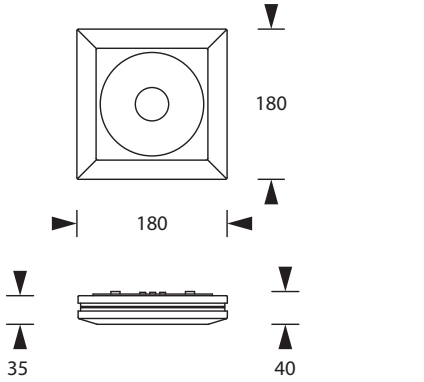


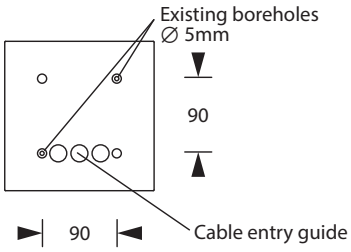
Technical specifications

Luminaire type	Luminaires for central battery systems	Self contained luminaires
Illuminant	3 W LED	3 W LED
Connecting terminals	3 x 2.5 mm² for double assignment	
Colour	white	
Material	Aluminum die-cast	
Mounting type	Ceiling mounting	
Additional mounting types*	Ceiling mounting (wire suspension)	
Dimensions (W x H x D)	DM 180 x 35 x 180 mm	
Protection class	IP40	
Safety class	I	
IK Safety class	IK03	
Light current (mains)	280 lm	50 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% / 20%
Battery duration 3h	–	100% / 20%
Battery duration 8h	–	45% / 20%
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	DALI ELC MSÜ3 SET009 SET010/025	–
Self monitoring	–	SELF CHECK
Central monitoring	–	SAFELOG Line
Wireless monitoring	–	SAFELOG Wireless

* Optional accessory required

Ceiling mounting



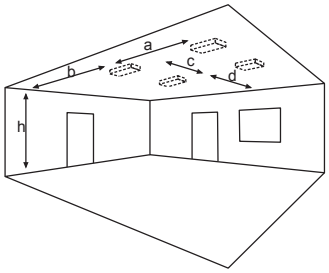


Accessories

Wire guard
Back box
Cable assembly set

Technical changes reserved / 04.11.2026

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



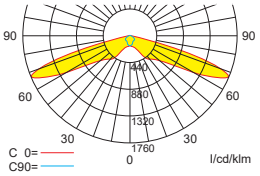
Ceiling mounting

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: 280lm



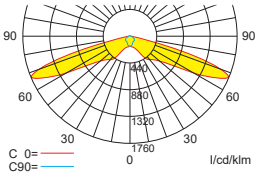
h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
a	18.20	20.40	22.50	24.30	25.90	27.40	28.90	27.60	27.50	21.00	16.00	14.00	10.00	8.00
b	8.00	8.90	9.60	10.10	10.50	10.30	9.10	6.20	6.20	6.00	6.00	6.00	6.00	4.00
c	–	–	–	–	–	–	–	–	–	–	–	–	–	–
d	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Self contained luminaires **escape route optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED

Luminous flux emergency / mains: 280lm/50lm – **Battery duration: 1h**



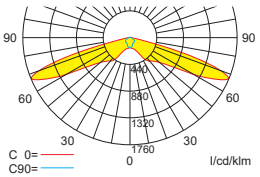
h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
a	18.20	20.40	22.50	24.30	25.90	27.40	28.90	27.60	27.50	21.00	16.00	14.00	10.00	8.00
b	8.00	8.90	9.60	10.10	10.50	10.30	9.10	6.20	6.20	6.00	6.00	6.00	6.00	4.00
c	–	–	–	–	–	–	–	–	–	–	–	–	–	–
d	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Self contained luminaires **escape route optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED

Luminous flux emergency / mains: 280lm/50lm – **Battery duration: 3h**



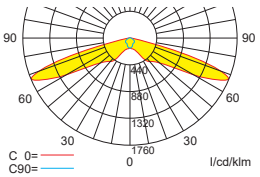
h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
a	18.20	20.40	22.50	24.30	25.90	27.40	28.90	27.60	27.50	21.00	16.00	14.00	10.00	8.00
b	8.00	8.90	9.60	10.10	10.50	10.30	9.10	6.20	6.20	6.00	6.00	6.00	6.00	4.00
c	–	–	–	–	–	–	–	–	–	–	–	–	–	–
d	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Self contained luminaires **escape route optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED

Luminous flux emergency / mains: 120lm/50lm – **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	–	–	–	–	–	–