IP32 | 3W LED | Colour

BEAM E-R

MADE in GERMANY

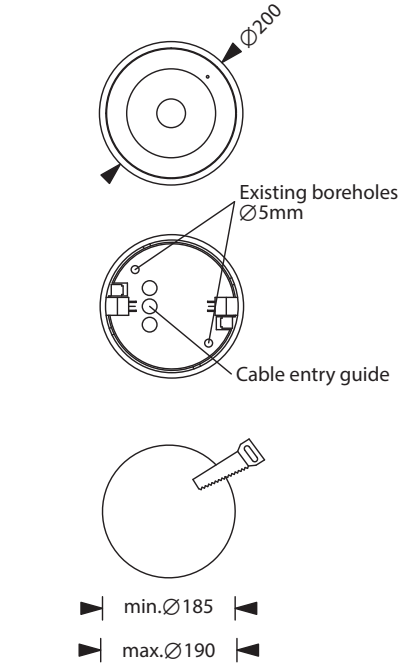
Safety luminaire in compliance with EN IEC 60598-1/2-22 and EN 1838.
Almost ceiling-flush housing from aluminium die-casting, with clip-on cover plate for easy lamp replacement.
Steplessly adjustable clip mechanism for various ceiling thicknesses.
Cast acrylics look for escape route lighting by way of rectangular, light-deflecting 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	Recessed mounting	
Ceiling cutout (Ø)	185 mm	
Installation depth	103 mm	
Protection class	IP32	
Safety class	I	
IK Safety class	IK03	
Light current (mains)	240 lm	50 lm
Light current (emergency)		
Battery duration 1h	–	240 lm
Battery duration 3h	–	240 lm
Battery duration 8h	–	110 lm
Luminous flux Emergency (DC) / mains		
Battery duration 1h	–	100% / 20%
Battery duration 3h	–	100% / 20%
Battery duration 8h	–	50% / 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	–
Self monitoring	–	SELF CHECK
Central monitoring	–	SAFELOG Line
Wireless monitoring	–	SAFELOG Wireless

Recessed mounting

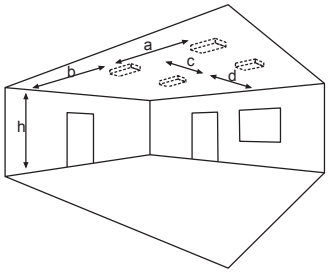


Accessories

Ceiling frame BEAM E - Aluminum

Technical changes reserved / 07.11.2026

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



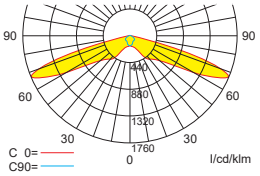
Ceiling mounting

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: 240lm



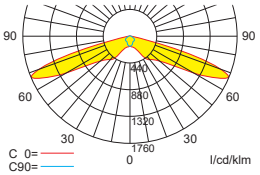
h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
a	17.70	19.80	21.60	23.60	25.50	27.00	28.20	17.70	14.80	14.80	13.10	6.00
b	7.70	8.70	9.60	10.10	10.40	10.30	9.10	6.20	6.20	6.00	6.00	6.00
c	–	–	–	–	–	–	–	–	–	–	–	–
d	–	–	–	–	–	–	–	–	–	–	–	–

Self contained luminaires **escape route optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED

Luminous flux emergency / mains: 240lm/50lm – **Battery duration: 1h**



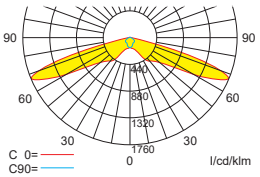
h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
a	17.70	19.80	21.60	23.60	25.50	27.00	28.20	17.70	14.80	14.80	13.10	6.00
b	7.70	8.70	9.60	10.10	10.40	10.30	9.10	6.20	6.20	6.00	6.00	6.00
c	–	–	–	–	–	–	–	–	–	–	–	–
d	–	–	–	–	–	–	–	–	–	–	–	–

Self contained luminaires **escape route optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED

Luminous flux emergency / mains: 240lm/50lm – **Battery duration: 3h**



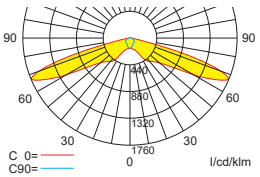
h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00
a	17.70	19.80	21.60	23.60	25.50	27.00	28.20	17.70	14.80	14.80	13.10	6.00
b	7.70	8.70	9.60	10.10	10.40	10.30	9.10	6.20	6.20	6.00	6.00	6.00
c	–	–	–	–	–	–	–	–	–	–	–	–
d	–	–	–	–	–	–	–	–	–	–	–	–

Self contained luminaires **escape route optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED

Luminous flux emergency / mains: 110lm/50lm – **Battery duration: 8h**



h	2.50	3.00	3.50	4.00
a	15.10	17.10	18.60	12.50
b	6.60	7.00	6.90	4.30
c	–	–	–	–
d	–	–	–	–