



# BEAM 175-AL A-F

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

Flat housing in an appealing design, consisting of a lower part of aluminium die-cast and an upper part of polycarbonate. Easy to handle locking mechanism without screws.

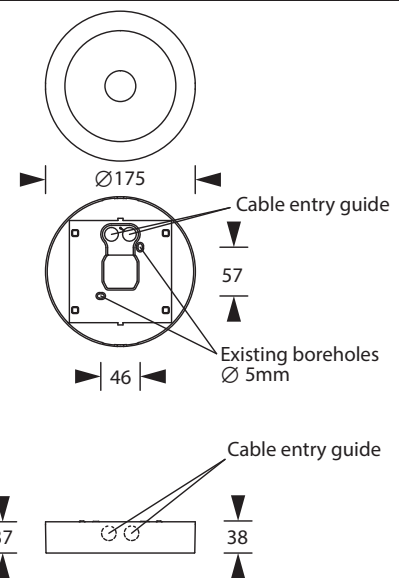
Ceiling-mounted model with cast acrylic optics for wide area lighting by way of circular light-deflecting characteristics.

## 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 mm <sup>2</sup> for double assignment	
Colour	white	
Material	Aluminum die-cast/Polycarbonate	
Mounting type	Ceiling mounting	
Additional mounting types*	Ceiling mounting (wire suspension), Pendulum mounting	
Dimensions (Ø x H)	DM 175 x 38 mm	
Protection class	IP40	
Safety class	I	
IK Safety class	IK03	
Light current (mains)	240 lm	50 lm
Light current (emergency)		
Rated operating time 1h	-	240 lm
Rated operating time 3h	-	240 lm
Rated operating time 8h	-	110 lm
Luminous flux		
Emergency (DC) / mains		
Rated operating time 1h	-	100% / 20%
Rated operating time 3h	-	100% / 20%
Rated operating time 8h	-	50% / 20%
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
Rated operating time 3h	-	4,8V 2,0Ah
Rated operating time 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



## Ceiling mounting



\* Optional accessory required

**Accessories**

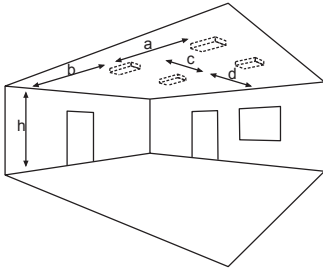
Wire guard

Central pendulum - BEAM 125/130

Wire mounting set - BEAM 125/130

Cable assembly set

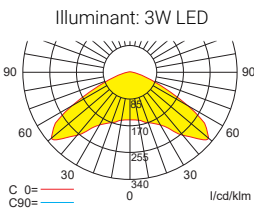
**Lighting data and tables of luminaire distances (E = 1,25 lx)**



Ceiling mounting

**Luminaires for central battery systems wide area optics**

Distance table for plane emergency routes / distance data in meters

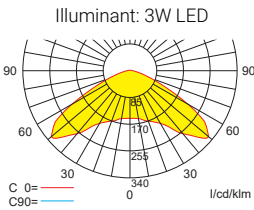


Luminous flux emergency / mains: 240lm

h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00
a	9.40	10.60	11.50	12.20	12.90	13.30	9.50	8.50	7.40	6.00
b	4.10	4.40	4.60	4.80	4.40	2.50	1.50	1.00	0.90	0.80
c	9.40	10.60	11.50	12.20	12.90	13.30	9.50	8.50	7.40	6.00
d	4.10	4.40	4.60	4.80	4.40	2.50	1.50	1.00	0.90	0.80

**Self contained luminaires wide area optics**

Distance table for plane emergency routes / distance data in meters

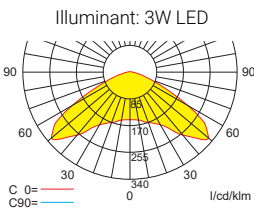


Luminous flux emergency / mains: 240lm/50lm – **Rated operating time: 1h**

h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00
a	9.40	10.60	11.50	12.20	12.90	13.30	9.50	8.50	7.40	6.00
b	4.10	4.40	4.60	4.80	4.40	2.50	1.50	1.00	0.90	0.80
c	9.40	10.60	11.50	12.20	12.90	13.30	9.50	8.50	7.40	6.00
d	4.10	4.40	4.60	4.80	4.40	2.50	1.50	1.00	0.90	0.80

**Self contained luminaires wide area optics**

Distance table for plane emergency routes / distance data in meters

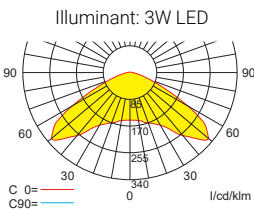


Luminous flux emergency / mains: 240lm/50lm – **Rated operating time: 3h**

h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00
a	9.40	10.60	11.50	12.20	12.90	13.30	9.50	8.50	7.40	6.00
b	4.10	4.40	4.60	4.80	4.40	2.50	1.50	1.00	0.90	0.80
c	9.40	10.60	11.50	12.20	12.90	13.30	9.50	8.50	7.40	6.00
d	4.10	4.40	4.60	4.80	4.40	2.50	1.50	1.00	0.90	0.80

**Self contained luminaires wide area optics**

Distance table for plane emergency routes / distance data in meters



Luminous flux emergency / mains: 110lm/50lm – **Rated operating time: 8h**

h	2.50	3.00	3.50	4.00
a	7.90	8.70	8.90	5.40
b	3.20	3.10	1.30	1.00
c	7.90	8.70	8.90	5.40
d	3.20	3.10	1.30	1.00