IP54 | 2x3W LED | Colour

IMPACT A-2R-IP54

MADE in GERMANY

Safety luminaire in compliance with EN IEC 60598-1/2-22 and EN 1838.
Robust, screwless safety luminaire made of white polycarbonate with protection class IP54. Cable entry into luminaire housing at rear and side. Version for ceiling mounting with two 3 W high-power LEDs.
Optics for escape route illumination. Optionally, the luminaire can be supplied as a central battery version for a temperature range down to -35°C (unmonitored).

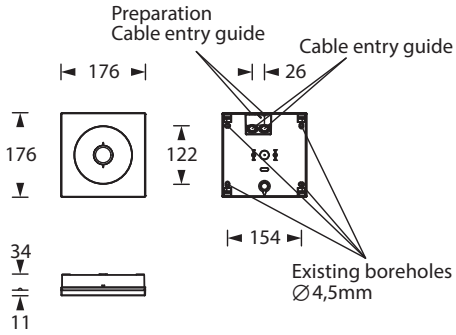


Technical specifications

Luminaire type	Luminaires for central battery systems	Self contained luminaires
Illuminant	2 x 3 W LED	2 x 3 W LED
Connecting terminals	2 x 2.5 mm² for double assignment	
Colour	white	
Material	Polycarbonate	
Mounting type	Ceiling mounting	
Additional mounting types*	Ceiling mounting (wire suspension), Pendulum mounting	
Dimensions (W x H x D)	DM 176 x 45 x 176 mm	
Protection class	IP54	
Safety class	II	
IK Safety class	IK03	
Light current (mains)	480 lm	360 lm
Light current (emergency)		
Battery duration 1h	–	480 lm
Battery duration 3h	–	480 lm
Battery duration 8h	–	240 lm
Luminous flux Emergency (DC) / mains		
Battery duration 1h	–	100% / 75%
Battery duration 3h	–	100% / 75%
Battery duration 8h	–	50% / 75%
Power consumption	10 VA	8 VA
Battery current input	25 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 4,2Ah
Battery duration 8h	–	4,8V 4,2Ah
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

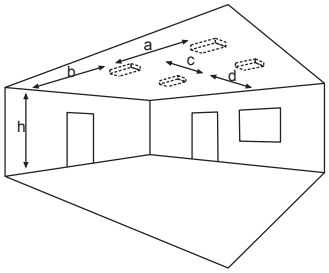


Technical changes reserved / 04.11.2026

Accessories

Pole and wall bracket
Chain assembly set
Double pendulum set with long canopy
Central pendulum sets with long canopy
Wire sets with long canopy
Cable assembly set

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



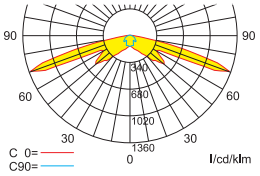
Ceiling mounting

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

Distance table for plane emergency routes / distance data in meters

Illuminant: 2 x 3W LED

Luminous flux emergency / mains: 480lm



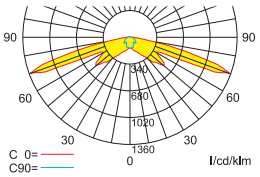
h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00	9.50	10.00
a	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
b	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
c	20.10	22.70	25.00	27.10	26.30	25.80	26.60	20.60	21.20	21.60	21.50	21.40	19.90	11.00	11.00	10.50
d	8.90	9.90	10.80	7.40	7.40	7.60	8.00	8.30	8.50	8.70	8.60	7.80	7.00	3.00	2.50	2.50

Self contained luminaires **escape route optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 2 x 3W LED

Luminous flux emergency / mains: 480lm/360lm – **Battery duration: 1h**



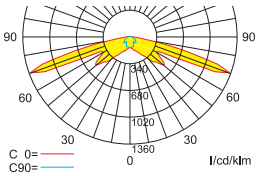
h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00	9.50	10.00
a	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
b	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
c	20.10	22.70	25.00	27.10	26.30	25.80	26.60	20.60	21.20	21.60	21.50	21.40	19.90	11.00	11.00	10.50
d	8.90	9.90	10.80	7.40	7.40	7.60	8.00	8.30	8.50	8.70	8.60	7.80	7.00	3.00	2.50	2.50

Self contained luminaires **escape route optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 2 x 3W LED

Luminous flux emergency / mains: 480lm/360lm – **Battery duration: 3h**



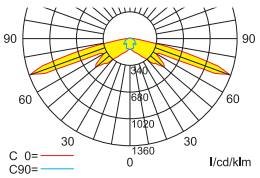
h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00	9.50	10.00
a	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
b	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
c	20.10	22.70	25.00	27.10	26.30	25.80	26.60	20.60	21.20	21.60	21.50	21.40	19.90	11.00	11.00	10.50
d	8.90	9.90	10.80	7.40	7.40	7.60	8.00	8.30	8.50	8.70	8.60	7.80	7.00	3.00	2.50	2.50

Self contained luminaires **escape route optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 2 x 3W LED

Luminous flux emergency / mains: 240lm/360lm – **Battery duration: 8h**



h	2.50	3.00	3.50	4.00	4.50	5.00
a	–	–	–	–	–	–
b	–	–	–	–	–	–
c	17.80	18.50	18.20	14.80	14.70	14.60
d	7.70	5.10	5.40	5.70	5.70	5.60

Technical changes reserved / 04.11.2026