

2x3W  
LED

IP65



# IMPACT A IP65

Ball-impact resistant, sturdy and screwed safety luminaire with housing made of white polycarbonate with IP65 protection class. Cable inlet into the luminaire from the back and the side. Model for ceiling mounting with two high-performance LEDs and optics for wide area illumination or escape route illumination or hall downlight for high ceilings.

The luminaire is equipped with an IP65 membrane pressure compensation valve. Optionally, the luminaire can be delivered as a central battery version for a temperature range down to -35°C (unmonitored).

## Technical specifications

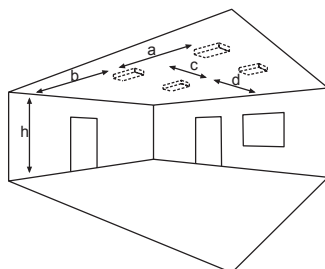
Connecting terminals	2 x 2,5 mm <sup>2</sup> for double assignment
Casing/colour	Polycarbonate/white
Type of assembly	Ceiling mounting
Dimensions (WxHxD)	
Wide area and Escape route optic	176 x 45 x 176 mm
Hall downlight	176 x 49 x 176 mm
Protection class	IP65
Safety class	II

	■ Luminaires for central battery systems	■ Self contained luminaires
Illuminant	2 x 3W LED	2 x 3W LED
Light current	480lm	360lm (net)
Rated operating time 1h/3h	-	480lm (emergency)
Rated operating time 8h	-	240lm (emergency)
Luminous flux		
Emergency (DC)/mains 1h/3h	-	100% / 75%
Emergency (DC)/mains 8h	-	50% / 75%
Power consumption	10VA	8VA
Battery current input	25mA	-
Voltage supply	230V 50/60Hz / 220V DC +25/-20%	230V 50/60Hz
NiMh-Akku 1h	-	4,8V 2,0Ah
NiMh-Akku 3h/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	ELC, MSÜ3, SET009, SET010	-
Self monitoring	-	SELF CHECK
Central monitoring	-	SAFELOG Line SAFELOG Wireless

## Accessories

Chain assembly set  
Cable assembly set

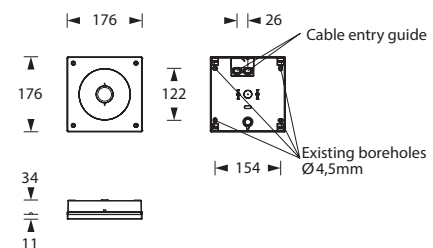
## Lighting datas and tables of luminaire distances (E = 1,25 lx)



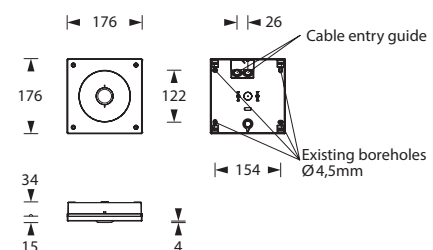
Ceiling mounting



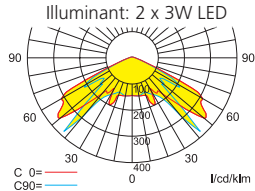
### Wide area optic/Escape route optic



### Hall downlight



**Luminaires for central battery systems Wide area optic** Distance table for plane emergency routes / distance data in meters

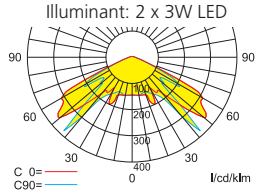


Luminous flux emergency (DC)/mains: 480lm / 480lm

h	2,50	3,00	3,50	4,00	4,50	5,00	5,50	6,00	6,50	7,00
a	10,60	12,00	12,80	13,00	13,60	12,50	12,90	12,80	13,60	13,60
b	4,70	5,20	4,30	4,60	4,70	5,10	5,50	5,90	2,60	1,70
c	10,60	12,00	12,80	13,00	13,60	12,50	12,90	12,80	13,60	13,60
d	4,70	5,20	4,30	4,60	4,70	5,10	5,50	5,90	2,60	1,70

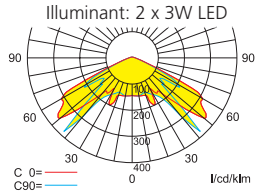
**Self contained luminaires Wide area optic**

Distance table for plane emergency routes / distance data in meters



Luminous flux emergency/mains: 480lm/360lm – Rated operating time: 1h/3h

h	2,50	3,00	3,50	4,00	4,50	5,00	5,50	6,00	6,50	7,00
a	10,60	12,00	12,80	13,00	13,60	12,50	12,90	12,80	13,60	13,60
b	4,70	5,20	4,30	4,60	4,70	5,10	5,50	5,90	2,60	1,70
c	10,60	12,00	12,80	13,00	13,60	12,50	12,90	12,80	13,60	13,60
d	4,70	5,20	4,30	4,60	4,70	5,10	5,50	5,90	2,60	1,70

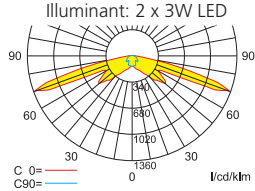


Luminous flux emergency/mains: 240lm/360lm – Rated operating time: 8h

h	2,50	3,00	3,50	4,00	4,50	5,00	5,50	6,00	6,50	7,00
a	9,10	9,40	8,70	9,20	9,50	9,40	-	-	-	-
b	3,10	3,20	3,60	4,00	2,30	1,10	-	-	-	-
c	9,10	9,40	8,70	9,20	9,50	9,40	-	-	-	-
d	3,10	3,20	3,60	4,00	2,30	1,10	-	-	-	-

**Luminaires for central battery systems Escape route optic**

Distance table for plane emergency routes / distance data in meters

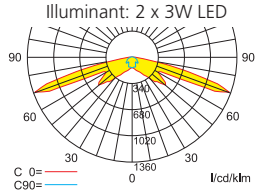


Luminous flux emergency (DC)/mains: 480lm / 480lm

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

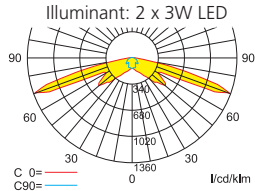
**Self contained luminaires Escape route optic**

Distance table for plane emergency routes / distance data in meters



Luminous flux emergency/mains: 480lm/360lm – Rated operating time: 1h/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

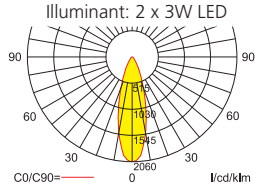


Luminous flux emergency/mains: 240lm/360lm – Rated operating time: 8h

h	2,50	3,00	3,50	4,00	4,50	5,00	5,50	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-

**Luminaires for central battery systems Hall downlights**

Distance table for plane emergency routes / distance data in meters

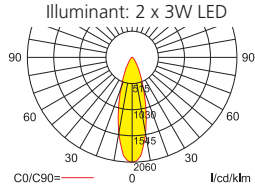


Luminous flux emergency (DC)/mains: 480lm / 480lm

h	7,00	8,00	9,00	10,00	11,00	12,00	13,00	14,00	15,00	16,00	17,00	18,00	19,00	20,00	21,00	22,00	23,00	24,00
a	9,90	10,50	11,00	11,60	12,10	12,40	12,80	13,30	13,40	13,60	13,60	13,90	14,20	14,20	14,20	14,10	13,90	14,00
b	4,10	4,30	4,40	4,70	4,80	4,80	4,90	5,00	5,00	4,90	4,90	4,90	4,80	4,60	4,40	4,20	3,90	3,40
c	9,90	10,50	11,00	11,60	12,10	12,40	12,80	13,30	13,40	13,60	13,60	13,90	14,20	14,20	14,20	14,10	13,90	14,00
d	4,10	4,30	4,40	4,70	4,80	4,80	4,90	5,00	5,00	4,90	4,90	4,90	4,80	4,60	4,40	4,20	3,90	3,40

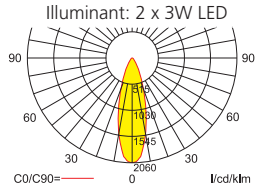
**Self contained luminaires Hall downlights**

Distance table for plane emergency routes / distance data in meters



Luminous flux emergency/mains: 480lm/360lm – Rated operating time: 1h/3h

h	7,00	8,00	9,00	10,00	11,00	12,00	13,00	14,00	15,00	16,00	17,00	18,00	19,00	20,00	21,00	22,00	23,00	24,00
a	9,90	10,50	11,00	11,60	12,10	12,40	12,80	13,30	13,40	13,60	13,60	13,90	14,20	14,20	14,20	14,10	13,90	14,00
b	4,10	4,30	4,40	4,70	4,80	4,80	4,90	5,00	5,00	4,90	4,90	4,90	4,80	4,60	4,40	4,20	3,90	3,40
c	9,90	10,50	11,00	11,60	12,10	12,40	12,80	13,30	13,40	13,60	13,60	13,90	14,20	14,20	14,20	14,10	13,90	14,00
d	4,10	4,30	4,40	4,70	4,80	4,80	4,90	5,00	5,00	4,90	4,90	4,90	4,80	4,60	4,40	4,20	3,90	3,40



Luminous flux emergency/mains: 240lm/360lm – Rated operating time: 8h

h	6,00	7,00	8,00	9,00	10,00	11,00	12,00	13,00	14,00	15,00	16,00	17,00	18,00	19,00	-	-	-	-
a	7,50	8,20	8,60	8,90	9,40	9,60	9,60	9,90	10,00	10,10	9,90	9,90	9,80	9,60	-	-	-	-
b	3,10	3,30	3,40	3,40	3,50	3,50	3,50	3,50	3,30	3,00	2,90	2,40	1,90	1,00	-	-	-	-
c	7,50	8,20	8,60	8,90	9,40	9,60	9,60	9,90	10,00	10,10	9,90	9,90	9,80	9,60	-	-	-	-
d	3,10	3,30	3,40	3,40	3,50	3,50	3,50	3,50	3,30	3,00	2,90	2,40	1,90	1,00	-	-	-	-