

2x3W
LED

IP65

IMPACT W

Very sturdy and screwed safety luminaire with housing made of white polycarbonate and protection class IP65. Cable inlet into the luminaire from the back and below. Model for wall mounting with two high-performance LEDs and optics for wide area illumination or for escape route illumination. 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). Optionally, the luminaire is available with an external supply unit to mount the unit indoor and the luminaire outdoor.

Also optional is a heating case with battery (4,8V 4,2Ah) to use in environments with lowest permissible temperature of -20°C within the luminaire.

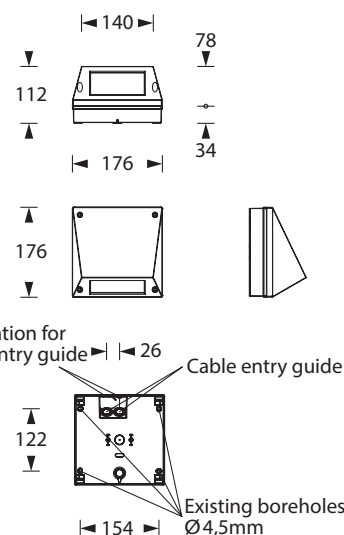
Technical specifications

Connecting terminals	2 x 2,5 mm ² for double assignment
Casing/colour	Polycarbonate/white
Type of assembly	Wall mounting
Dimensions (WxHxD)	176 x 176 x 112 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 ¹⁾²⁾	-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

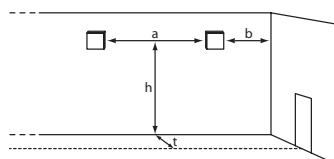
¹⁾Lowest permissible temperature -10°C in case of use ELC, MSÜ3, SET009, SET010.

²⁾Optional available with heating case, incl. battery (4,8V 4,2Ah), to use in environments with lowest permissible temperature of -20°C within the luminaire.



optional: Heating case

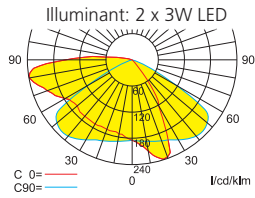
Lighting datas and tables of luminaire distances (E = 1,25 lx)



Wall mounting

Luminaires for central battery systems Wide area optic

Distance table for plane emergency routes / distance data in meters



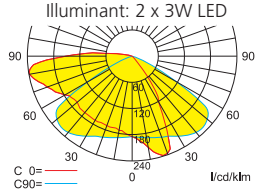
Luminous flux emergency (DC)/mains: 480lm / 480lm

	h	2,00	2,50	3,00	3,50	4,00
t=1m	a	9,10	10,50	11,70	12,70	13,90
	b	4,10	4,70	5,20	5,50	5,60
t=2m	a	10,30	11,30	12,30	13,30	14,10
	b	4,40	4,80	5,10	5,30	5,40
t=3m	a	10,50	11,50	12,50	13,50	14,10
	b	4,10	4,50	4,70	4,90	4,90

t = Distance to escape route middle

Self contained luminaires Wide area optic

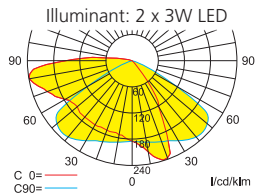
Distance table for plane emergency routes / distance data in meters



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

	h	2,00	2,50	3,00	3,50	4,00
t=1m	a	9,10	10,50	11,70	12,70	13,90
	b	4,10	4,70	5,20	5,50	5,60
t=2m	a	10,30	11,30	12,30	13,30	14,10
	b	4,40	4,80	5,10	5,30	5,40
t=3m	a	10,50	11,50	12,50	13,50	14,10
	b	4,10	4,50	4,70	4,90	4,90

t = Distance to escape route middle



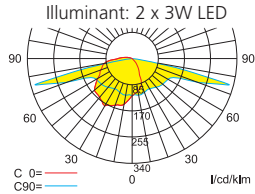
Luminous flux emergency/mains: 240lm/360lm – Rated operating time: 8h

	h	2,00	2,50	3,00	3,50	4,00
t=1m	a	7,70	8,90	10,30	10,90	11,10
	b	3,45	3,85	3,95	3,95	3,75
t=2m	a	8,70	9,50	10,10	10,50	10,50
	b	3,35	3,55	3,55	3,25	2,65
t=3m	a	8,10	8,70	9,30	9,50	9,30
	b	2,35	2,25	1,75	1,35	0,75

t = Distance to escape route middle

Luminaires for central battery systems Escape route optic

Distance table for plane emergency routes / distance data in meters



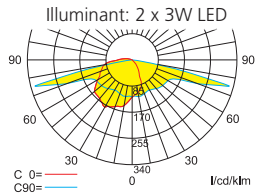
Luminous flux emergency (DC)/mains: 480lm / 480lm

	h	2,00	2,50	3,00	3,50	4,00
t=1m	a	16,50	19,00	20,10	20,50	21,10
	b	7,50	8,00	7,70	7,70	7,40
t=2m	a	17,30	18,70	22,80	23,90	24,00
	b	6,70	7,50	8,00	8,30	8,40
t=3m	a	8,90	12,70	17,50	20,10	17,90
	b	2,70	5,50	6,80	7,50	7,20

t = Distance to escape route middle

Self contained luminaires Escape route optic

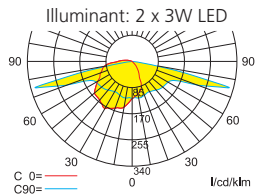
Distance table for plane emergency routes / distance data in meters



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

	h	2,00	2,50	3,00	3,50	4,00
t=1m	a	16,50	19,00	20,10	20,50	21,10
	b	7,50	8,00	7,70	7,70	7,40
t=2m	a	17,30	18,70	22,80	23,90	24,00
	b	6,70	7,50	8,00	8,30	8,40
t=3m	a	8,90	12,70	17,50	20,10	17,90
	b	2,70	5,50	6,80	7,50	7,20

t = Distance to escape route middle



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

	h	2,00	2,50	3,00	3,50	4,00
t=1m	a	14,30	14,90	12,50	12,30	12,30
	b	6,10	5,80	5,80	4,30	3,40
t=2m	a	11,90	14,50	16,10	16,30	16,50
	b	4,50	5,40	5,50	4,90	4,60
t=3m	a	5,50	8,50	9,90	13,50	13,50
	b	0,80	1,90	2,40	2,30	2,10

t = Distance to escape route middle