

2x3W
LED

IP65



SAFE W

Weather-proof housing made of aluminum die-casting with a pane of safety glass, sealed with silicone.

Cable inlet into the luminaire possible from the back and from below. Model for wall mounting with two high-performance LEDs and cast acrylic optics for escape route illumination by means of circular or rectangular, light-deflecting characteristics. Product includes 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).

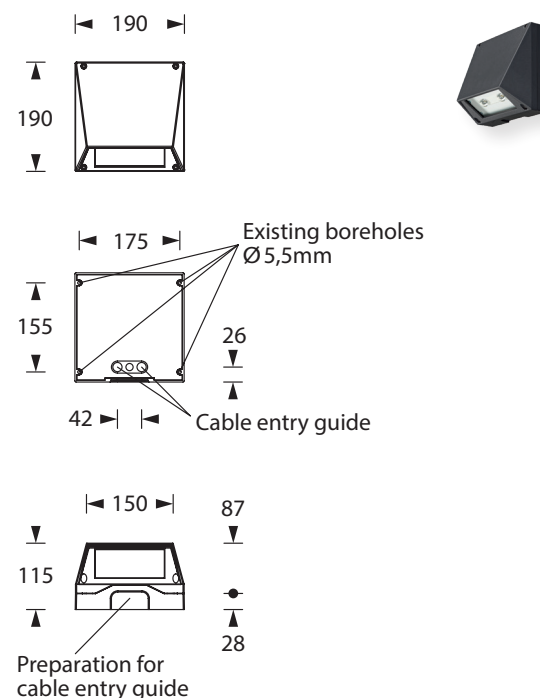
Optional the luminaire is available with an external supply unit to mount it outside and the supply unit inside. Also optional is a heating case with battery (4,8V 4,2Ah) to use in environments with lowest permissible temperature of -20°C within the luminaire.



Technical specifications

Connecting terminals	3 x 2,5 mm ² for double assignment
Casing/colour	Aluminum die-cast / graphite grey or white other colours available on request
Type of assembly	Wall mounting
Dimensions (W x H x D)	190 x 190 x 115 mm
Protection class	IP65
Safety class	I

	■ Luminaires for central battery systems	■ Self contained luminaires
Illuminant	2 x 3W LED	2 x 3W LED
Light current	380lm	285lm (net)
Rated operating time 1h/3h	-	380lm (emergency)
Rated operating time 8h	-	190lm (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)}	-20°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 ¹⁾	ELC, MSÜ3, SET009, SET010	-
Self monitoring	-	SELF CHECK
Central monitoring	-	SAFELOG Line SAFELOG Wireless



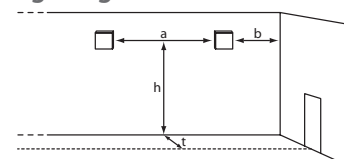
¹⁾ Lowest permissible temperature -10°C in case of use ELC, MSÜ3, SET009, SET010.

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.

Accessories

Rear mounting bracket

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



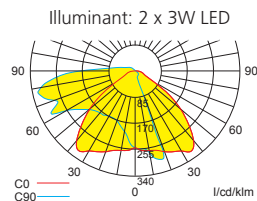
Wall mounting



optional: Heating case

Luminaires for central battery systems wide area optic

Distance table for plane emergency routes / distance data in meters

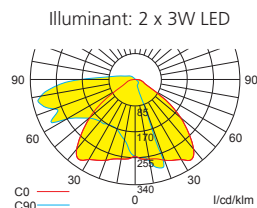


		h	2,00	2,50	3,00	3,50	4,00
t=1m	a	8,70	9,60	10,50	11,20	11,80	
	b	3,70	4,10	4,40	4,60	4,80	
t=2m	a	9,70	10,30	11,20	12,00	12,70	
	b	3,90	4,30	4,70	4,80	4,90	
t=3m	a	9,60	10,60	11,40	12,40	13,10	
	b	3,70	4,10	4,60	5,00	5,00	

t = distance to escape middle

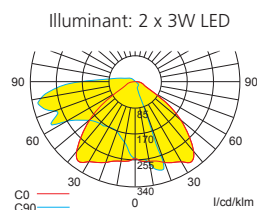
Self contained luminaires wide area optic

Distance table for plane emergency routes / distance data in meters



		h	2,00	2,50	3,00	3,50	4,00
t=1m	a	8,70	9,60	10,50	11,20	11,80	
	b	3,70	4,10	4,40	4,60	4,80	
t=2m	a	9,70	10,30	11,20	12,00	12,70	
	b	3,90	4,30	4,70	4,80	4,90	
t=3m	a	9,60	10,60	11,40	12,40	13,10	
	b	3,70	4,10	4,60	5,00	5,00	

t = distance to escape middle

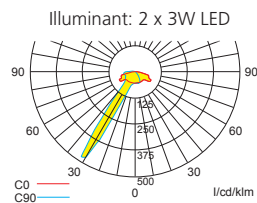


		h	2,00	2,50	3,00	3,50	4,00
t=1m	a	7,10	8,30	8,90	9,30	9,30	
	b	3,25	3,35	3,55	3,55	3,55	
t=2m	a	7,70	8,90	9,30	9,70	9,90	
	b	3,25	3,55	3,65	3,55	3,35	
t=3m	a	7,50	8,30	9,30	9,90	-	
	b	2,35	2,75	2,75	1,55	-	

t = distance to escape middle

Luminaires for central battery systems escape route optic

Distance table for plane emergency routes / distance data in meters

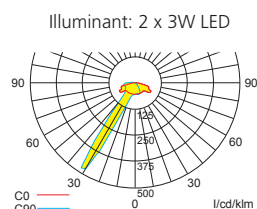


		h	1,90	2,10	2,30	2,50	2,70	2,90	3,10	3,30	3,50
t=1,0m	a	11,80	12,40	13,00	13,80	14,20	14,60	14,60	14,60	14,60	14,60
	b	5,10	5,30	5,30	5,20	5,20	5,20	5,20	5,00	4,70	
t=1,5m	a	11,80	12,60	13,40	14,60	15,00	15,80	16,40	16,60	17,00	
	b	5,10	5,70	6,10	6,30	6,70	6,80	6,90	7,10	7,20	
t=2,0m	a	10,20	11,20	13,00	14,20	15,00	15,80	16,60	17,80	17,80	
	b	3,70	4,30	5,70	6,30	6,70	7,10	7,50	7,70	8,10	

t = distance to escape middle

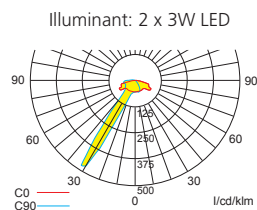
Self contained luminaires escape route optic

Distance table for plane emergency routes / distance data in meters



		h	1,90	2,10	2,30	2,50	2,70	2,90	3,10	3,30	3,50
t=1,0m	a	11,80	12,40	13,00	13,80	14,20	14,60	14,60	14,60	14,60	14,60
	b	5,10	5,30	5,30	5,20	5,20	5,20	5,20	5,00	4,70	
t=1,5m	a	11,80	12,60	13,40	14,60	15,00	15,80	16,40	16,60	17,00	
	b	5,10	5,70	6,10	6,30	6,70	6,80	6,90	7,10	7,20	
t=2,0m	a	10,20	11,20	13,00	14,20	15,00	15,80	16,60	17,80	17,80	
	b	3,70	4,30	5,70	6,30	6,70	7,10	7,50	7,70	8,10	

t = distance to escape middle



		h	1,90	2,10	2,30	2,50	2,70	2,90	3,10	3,30	3,50
t=1,0m	a	7,20	8,20	8,50	8,70	8,80	8,50	8,30	-	-	
	b	3,25	3,15	2,95	2,45	2,35	2,25	2,05	-	-	
t=1,5m	a	7,90	8,30	9,70	11,10	10,90	10,90	10,90	10,50	10,00	
	b	3,25	3,30	2,05	2,55	3,95	3,85	2,65	2,35	2,15	
t=2,0m	a	7,50	-	-	-	-	-	-	-	-	
	b	2,35	-	-	-	-	-	-	-	-	

t = distance to escape middle