

2x3W
LED

IP54

IP20

SPOT-LIGHT 100 ER

Safety luminaire for recessed ceiling mounting, housing nearly flush with ceiling, made of white polycarbonate and protection class IP54 at the luminaire's head. Different supply containers available. To reduce maintenance costs, the self-contained version has an easily accessible and tool-free exchangeable battery.

Available with optics for wide area or escape route illumination or with hall downlight for high ceilings heights. As an option there is also a rectangular cover frame available.

The safety luminaire is equipped with two 3 watt power LED and built-in LED cooling part made of aluminum.

Technical specifications

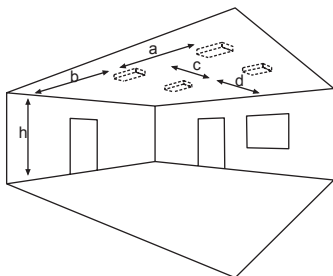
Connecting terminals	2 x 2,5 mm ² for double assignment
Casing/colour	Aluminum die cast/Polycarbonate, white
Type of assembly	Recessed ceiling mounting
Dimensions	
Luminaire body (ØxT)	
Wide area and Escape route optic	100 x 45 mm
Hall downlight	100 x 49 mm
Container (WxHxD)	238 x 84 x 45 mm
Protection class	
Luminaire body	IP54
Container	IP20
Safety class	II

	■ Luminaires for central battery systems	■ Self contained luminaires
Illuminant	2 x 3 W LED	2 x 3 W 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

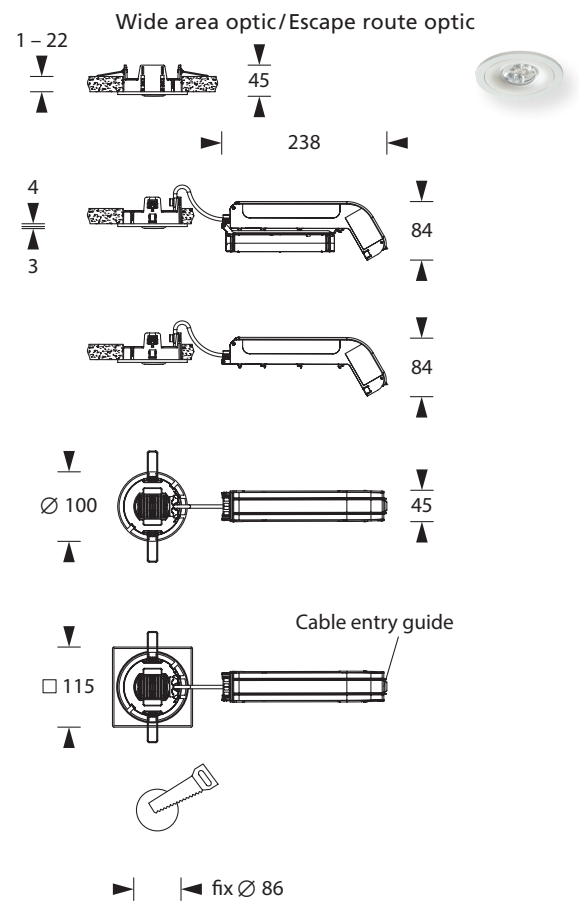
Accessories

Square frame

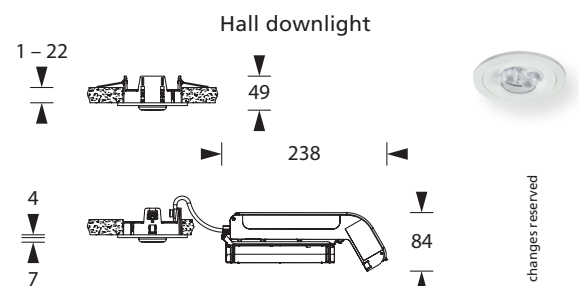
Lighting datas and tables of luminaire distances (E = 1,25 lx)



Ceiling installation

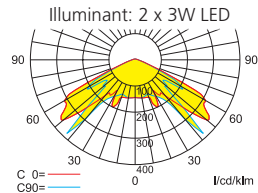


Attention: Minimum installation depth 100mm



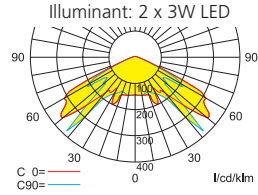
Technical changes reserved

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

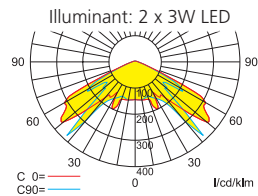


	h	2,50	3,00	3,50	4,00	4,50	5,00	5,50	6,00	6,50	7,00
	a	10,60	12,00	12,80	13,00	13,60	12,50	12,90	12,80	13,60	13,60
	b	4,70	5,20	4,30	4,60	4,70	5,10	5,50	5,90	2,60	1,70
	c	10,60	12,00	12,80	13,00	13,60	12,50	12,90	12,80	13,60	13,60
	d	4,70	5,20	4,30	4,60	4,70	5,10	5,50	5,90	2,60	1,70

Self contained luminaires Wide area optic Distance table for plane emergency routes / distance data in meters

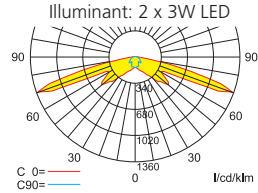


	h	2,50	3,00	3,50	4,00	4,50	5,00	5,50	6,00	6,50	7,00
	a	10,60	12,00	12,80	13,00	13,60	12,50	12,90	12,80	13,60	13,60
	b	4,70	5,20	4,30	4,60	4,70	5,10	5,50	5,90	2,60	1,70
	c	10,60	12,00	12,80	13,00	13,60	12,50	12,90	12,80	13,60	13,60
	d	4,70	5,20	4,30	4,60	4,70	5,10	5,50	5,90	2,60	1,70



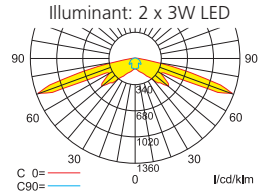
	h	2,50	3,00	3,50	4,00	4,50	5,00	5,50	6,00	6,50	7,00
	a	9,10	9,40	8,70	9,20	9,50	9,40	-	-	-	-
	b	3,10	3,20	3,60	4,00	2,30	1,10	-	-	-	-
	c	9,10	9,40	8,70	9,20	9,50	9,40	-	-	-	-
	d	3,10	3,20	3,60	4,00	2,30	1,10	-	-	-	-

Luminaires for central battery systems Escape route optic Distance table for plane emergency routes / distance data in meters

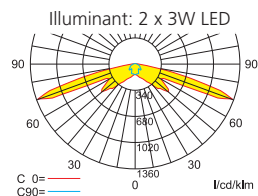


	h	2,50	3,00	3,50	4,00	4,50	5,00	5,50	6,00	6,50	7,00	7,50	8,00	8,50	9,00	9,50	10,00
	a	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	b	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	c	20,10	22,70	25,00	27,10	26,30	25,80	26,60	20,60	21,20	21,60	21,50	21,40	19,90	11,00	11,00	10,50
	d	8,90	9,90	10,80	7,40	7,40	7,60	8,00	8,30	8,50	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

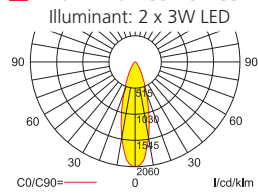


	h	2,50	3,00	3,50	4,00	4,50	5,00	5,50	6,00	6,50	7,00	7,50	8,00	8,50	9,00	9,50	10,00
	a	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	b	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	c	20,10	22,70	25,00	27,10	26,30	25,80	26,60	20,60	21,20	21,60	21,50	21,40	19,90	11,00	11,00	10,50
	d	8,90	9,90	10,80	7,40	7,40	7,60	8,00	8,30	8,50	8,70	8,60	7,80	7,00	3,00	2,50	2,50



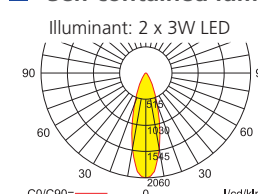
	h	2,50	3,00	3,50	4,00	4,50	5,00	5,50
	a	-	-	-	-	-	-	-
	b	-	-	-	-	-	-	-
	c	17,80	18,50	18,20	14,80	14,70	14,60	-
	d	7,70	5,10	5,40	5,70	5,70	5,60	-

Luminaires for central battery systems Hall downlights Distance table for plane emergency routes / distance data in meters

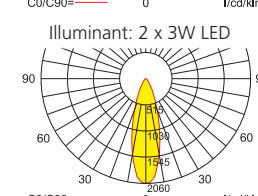


	h	7,00	8,00	9,00	10,00	11,00	12,00	13,00	14,00	15,00	16,00	17,00	18,00	19,00	20,00	21,00	22,00	23,00	24,00
	a	9,90	10,50	11,00	11,60	12,10	12,40	12,80	13,30	13,40	13,60	13,60	13,90	14,20	14,20	14,20	14,10	13,90	14,00
	b	4,10	4,30	4,40	4,70	4,80	4,80	4,90	5,00	5,00	4,90	4,90	4,90	4,80	4,60	4,40	4,20	3,90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



	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



	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