

3W  
LED

IP40

IP20

Farbe / Colour  


# SPOT-LIGHT 80-AL ER

Safety luminaire for recessed ceiling mounting, housing nearly flush with ceiling, made of white polycarbonate. To reduce maintenance costs, the self-contained version has an easily accessible and tool-free exchangeable battery.

The optic for wide area illumination is premounted and the optic for escape route illumination is enclosed. Optional there is a rectangular cover frame available. The safety luminaire is equipped with one 3W power LED and an additional heatsink for the LED made of aluminum.

The luminaire can be installed together with a HALOX concrete recessed housing. <sup>1)</sup>

## Technical specifications

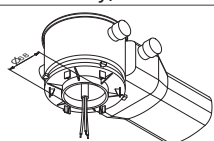
Connecting terminals	2 x 2,5 mm <sup>2</sup> for double assignment
Casing/colour	Polycarbonate, white / with aluminum heat sink
Type of assembly	Recessed ceiling mounting
Dimensions	
Luminaire body (ØxD)	80 x 47 mm
Container (WxHxD)	197 x 73 x 30 mm
Protection class	
Luminaire body	IP40
Container	IP20
Safety class	II

	■ Luminaires for central battery systems	■ Self contained luminaires
Illuminant	3W LED	3W LED
Light current	280lm	120lm (net)
Rated operating time 1h/3h	-	280lm (emergency)
Rated operating time 8h	-	120lm (emergency)
Luminous flux		
Emergency (DC)/mains 1h/3h	-	100% / 45%
Emergency (DC)/mains 8h	-	45% / 45%
Power consumption	6VA	5VA
Battery current input	15mA	-
Voltage supply	230V 50/60Hz / 220V DC +25/-20%	230V 50/60Hz
NiMh-Akku 1h/3h/8h	-	4,8V 2,0Ah
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

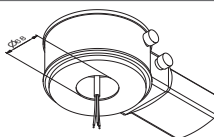
## Accessories

Square frame  
 Hall downlight 60° accessories-set  
 5lx-optic accessories-set

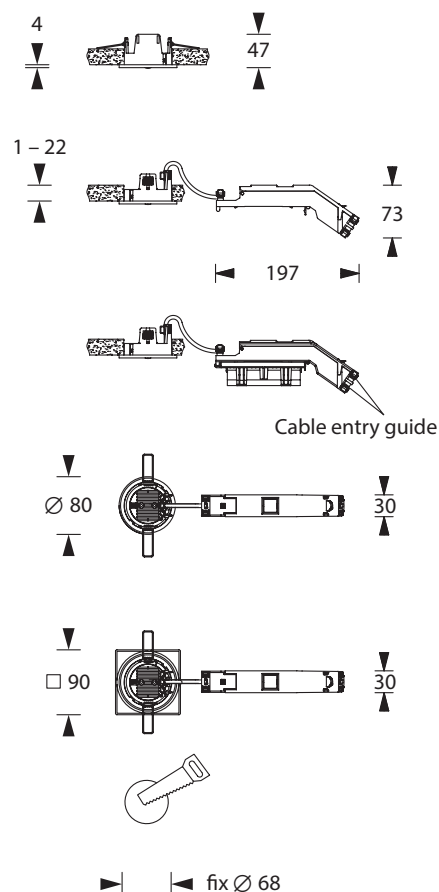
<sup>1)</sup> Approved concrete installation housings from Comp. Kaiser (not included in the delivery): Recessed housings for on-side mixed concrete



HALOX 100 Kaiser Art. No. 1281-00  
 with tunnel 190 Kaiser Art. No. 1281-30  
 with e.g. cover Kaiser Art. No. 1281-01

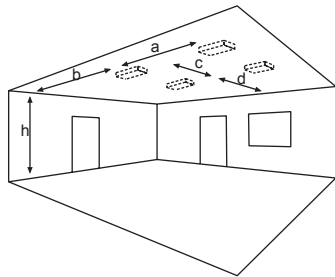


HALOX 180 Kaiser Art. No. 1282-00  
 with tunnel 190 Kaiser Art. No. 1282-30  
 with e.g. cover Kaiser Art. No. 1282-01



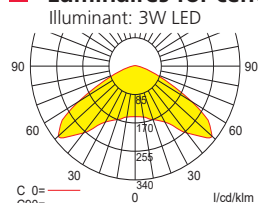
Attention: Minimum installation depth 80 mm

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



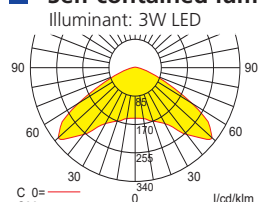
Ceiling installation

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

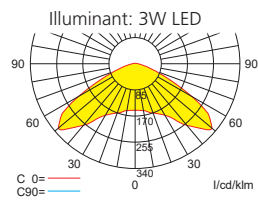


	h	2,50	3,00	3,50	4,00	4,50	5,00	5,50	6,00	6,50	7,00	7,50	8,00	8,50	9,00	9,50	10,00	10,50	11,00	11,50
a	10,50	11,90	13,20	14,10	14,60	14,90	14,80	14,60	14,20	12,00	9,90	7,80	-	-	-	-	-	-	-	-
b	4,70	5,10	5,20	5,20	5,00	4,50	3,30	2,00	0,90	0,80	0,80	0,80	-	-	-	-	-	-	-	-
c	10,50	11,90	13,20	14,10	14,60	14,90	14,80	14,60	14,20	12,00	9,90	7,80	-	-	-	-	-	-	-	-
d	4,70	5,10	5,20	5,20	5,00	4,50	3,30	2,00	0,90	0,80	0,80	0,80	-	-	-	-	-	-	-	-

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

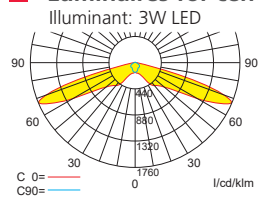


	h	2,50	3,00	3,50	4,00	4,50	5,00	5,50	6,00	6,50	7,00	7,50	8,00	8,50	9,00	9,50	10,00	10,50	11,00	11,50
a	10,50	11,90	13,20	14,10	14,60	14,90	14,80	14,60	14,20	12,00	9,90	7,80	-	-	-	-	-	-	-	-
b	4,70	5,10	5,20	5,20	5,00	4,50	3,30	2,00	0,90	0,80	0,80	0,80	-	-	-	-	-	-	-	-
c	10,50	11,90	13,20	14,10	14,60	14,90	14,80	14,60	14,20	12,00	9,90	7,80	-	-	-	-	-	-	-	-
d	4,70	5,10	5,20	5,20	5,00	4,50	3,30	2,00	0,90	0,80	0,80	0,80	-	-	-	-	-	-	-	-



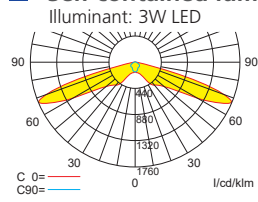
	h	2,50	3,00	3,50	4,00	4,50	5,00	5,50	6,00	6,50	7,00	7,50	8,00	8,50	9,00	9,50	10,00	10,50	11,00	11,50
a	9,00	9,60	9,70	9,50	7,70	6,00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b	3,40	3,20	2,40	1,10	1,00	1,00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
c	9,00	9,60	9,70	9,50	7,70	6,00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d	3,40	3,20	2,40	1,10	1,00	1,00	-	-	-	-	-	-	-	-	-	-	-	-	-	-

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

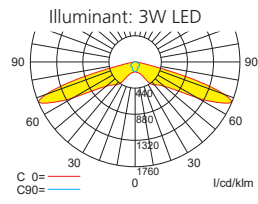


	h	2,50	3,00	3,50	4,00	4,50	5,00	5,50	6,00	6,50	7,00	7,50	8,00	8,50	9,00	9,50	10,00	10,50	11,00	11,50
a	18,20	20,40	22,50	24,30	25,90	27,40	28,90	27,60	27,50	21,00	16,00	14,00	10,00	8,00	-	-	-	-	-	-
b	8,00	8,90	9,60	10,10	10,50	10,30	9,10	6,20	6,20	6,00	6,00	6,00	6,00	4,00	-	-	-	-	-	-
c	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

## 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	10,50	11,00	11,50
a	18,20	20,40	22,50	24,30	25,90	27,40	28,90	27,60	27,50	21,00	16,00	14,00	10,00	8,00	-	-	-	-	-	-
b	8,00	8,90	9,60	10,10	10,50	10,30	9,10	6,20	6,20	6,00	6,00	6,00	6,00	4,00	-	-	-	-	-	-
c	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-



	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	10,50	11,00	11,50
a	15,50	17,10	18,60	18,00	12,00	10,00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
b	6,60	7,00	6,90	4,30	4,00	3,00	-	-	-	-	-	-	-	-	-	-	-	-	-	-
c	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
d	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-