4000K | IK10 | IP65 | 4x3,5W LED | Colour

A-LUX R WM/DM

MADE in GERMANY

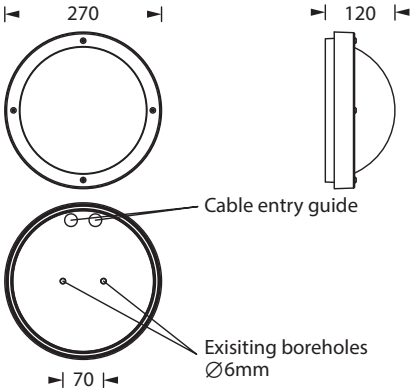
Combined emergency luminaire in compliance with EN IEC 60598-1/2-22 and EN 1838.
Robust general and safety luminaire with a round luminaire body made of powder-coated die-cast aluminum in white or graphite grey and an opal polycarbonate luminaire cover. The self-contained luminaire can also be equipped with a battery heater to extend the temperature range down to -20°C. In a set with a supply unit for indoor installation and a light unit for outdoor installation, the temperature range can even be extended to -35°C. The luminaire is equipped with 4x 3.5W LED strips and provides 1.160lm with a light color of 4.000K.



Technical specifications

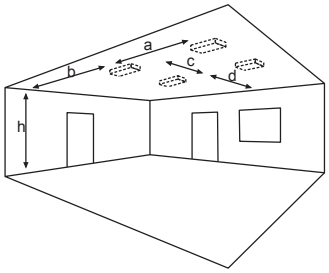
Luminaire type	Luminaires for central battery systems	Self contained luminaires
Illuminant	4 x 3.5 W LED-bar	4 x 3.5 W LED-bar
Connecting terminals	3 x 2.5 mm² for double assignment	
Colour	white / graphite grey	
Material	Aluminum die-cast/Polycarbonate	
Light color	4000K	
Mounting type	Wall-/ceiling mounting	
Dimensions (Ø x H)	WM/DM 270 x 120 mm	
Protection class	IP65	
Safety class	I	
IK Safety class	IK10	
Light current (mains)	1160 lm	1160 lm
Light current (emergency)		
Battery duration 1h	–	660 lm
Battery duration 3h	–	660 lm
Battery duration 8h	–	330 lm
Luminous flux Emergency (DC) / mains		
Battery duration 1h	–	56% / 100%
Battery duration 3h	–	56% / 100%
Battery duration 8h	–	28% / 100%
Power consumption	13 VA	18.7 VA
Battery current input	34 mA	–
Battery duration Battery operation	–	1h / 3h / 8h
Voltage supply	230V 50/60Hz; 220V DC +25/-20%	230V 50/60Hz
NiMH-battery		
Battery duration 1h	–	4,8V 2,0Ah 4,8V 2,0Ah + AkH
Battery duration 3h	–	4,8V 4,2Ah 4,8V 4,2Ah + AkH
Battery duration 8h	–	4,8V 4,2Ah 4,8V 4,2Ah + AkH
Temperature range	-10°C to +40°C (monitored) / -20°C to +40°C (unmonitored)	–
Non-maintained mode	–	0°C to +35°C
Maintained mode	–	-5°C to +30°C
optional		
Multi-switch and monitoring module	DALI ELC MSÜ3 SET009 SET010/025	–
Self monitoring	–	SELF CHECK
Central monitoring	–	SAFELOG Line
Wireless monitoring	–	SAFELOG Wireless

Wall-/ceiling mounting



Technical changes reserved / 15.11.2026

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



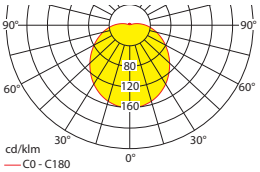
Ceiling mounting

Luminaires for central battery systems **Wide area illumination**

Distance table for plane emergency routes / distance data in meters

Illuminant: 4 x 3.5W LED-bar

Luminous flux emergency / mains: 1160lm



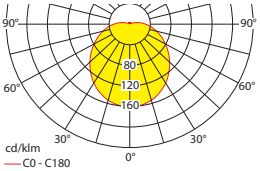
h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00	9.50	10.00	10.50	11.00	12.00
a	12.50	13.40	14.10	14.70	15.20	15.60	16.00	16.30	16.60	16.70	16.90	16.90	17.00	16.90	16.80	16.70	16.50	16.30	15.60
b	5.00	5.30	5.50	5.70	5.80	5.90	6.00	6.00	6.00	5.90	5.80	5.70	5.50	5.30	5.00	4.60	4.20	3.60	1.60
c	12.50	13.40	14.10	14.70	15.20	15.60	16.00	16.30	16.60	16.70	16.90	16.90	17.00	16.90	16.80	16.70	16.50	16.30	15.60
d	5.00	5.30	5.50	5.70	5.80	5.90	6.00	6.00	6.00	5.90	5.80	5.70	5.50	5.30	5.00	4.60	4.20	3.60	1.60

Self contained luminaires **Wide area illumination**

Distance table for plane emergency routes / distance data in meters

Illuminant: 4 x 3.5W LED-bar

Luminous flux emergency / mains: 660lm/1160lm – **Battery duration: 1h**



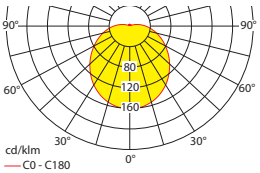
h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
a	10.40	11.00	11.60	12.00	12.30	12.50	12.70	12.80	12.80	12.70	12.60	12.40	12.20	11.80
b	4.10	4.30	4.40	4.50	4.50	4.50	4.40	4.30	4.10	3.80	3.50	3.00	2.40	1.40
c	10.40	11.00	11.60	12.00	12.30	12.50	12.70	12.80	12.80	12.70	12.60	12.40	12.20	11.80
d	4.10	4.30	4.40	4.50	4.50	4.50	4.40	4.30	4.10	3.80	3.50	3.00	2.40	1.40

Self contained luminaires **Wide area illumination**

Distance table for plane emergency routes / distance data in meters

Illuminant: 4 x 3.5W LED-bar

Luminous flux emergency / mains: 660lm/1160lm – **Battery duration: 3h**



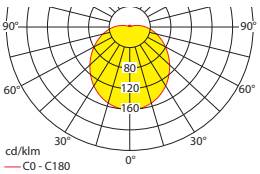
h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50	8.00	8.50	9.00
a	10.40	11.00	11.60	12.00	12.30	12.50	12.70	12.80	12.80	12.70	12.60	12.40	12.20	11.80
b	4.10	4.30	4.40	4.50	4.50	4.50	4.40	4.30	4.10	3.80	3.50	3.00	2.40	1.40
c	10.40	11.00	11.60	12.00	12.30	12.50	12.70	12.80	12.80	12.70	12.60	12.40	12.20	11.80
d	4.10	4.30	4.40	4.50	4.50	4.50	4.40	4.30	4.10	3.80	3.50	3.00	2.40	1.40

Self contained luminaires **Wide area illumination**

Distance table for plane emergency routes / distance data in meters

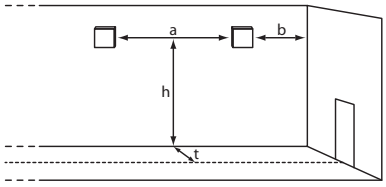
Illuminant: 4 x 3.5W LED-bar

Luminous flux emergency / mains: 330lm/1160lm – **Battery duration: 8h**



h	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50
a	8.20	8.60	8.80	9.00	9.10	9.00	8.90	8.60	8.20
b	3.10	3.20	3.20	3.10	2.90	2.70	2.30	1.70	0.30
c	8.20	8.60	8.80	9.00	9.10	9.00	8.90	8.60	8.20
d	3.10	3.20	3.20	3.10	2.90	2.70	2.30	1.70	0.30

Technical changes reserved / 15.11.2026



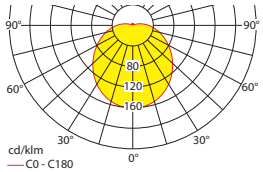
Wall mounting

Luminaires for central battery systems **Wide area illumination**

Distance table for plane emergency routes / distance data in meters

Illuminant: 4 x 3.5W LED-bar

Luminous flux emergency / mains: 1160lm



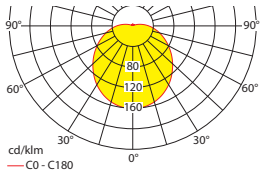
t = 1.00	h	2.00	2.50	3.00	3.50	4.00
	a	10.00	10.50	11.00	11.00	11.00
	b	4.00	4.00	4.00	4.00	4.00
t = 2.00	h	2.00	2.50	3.00	3.50	4.00
	a	10.50	11.00	11.50	11.50	12.00
	b	4.00	4.50	4.50	4.50	4.00
t = 3.00	h	2.00	2.50	3.00	3.50	4.00
	a	10.50	11.00	11.50	12.00	12.00
	b	4.00	4.50	4.50	4.50	4.50

Self contained luminaires **Wide area illumination**

Distance table for plane emergency routes / distance data in meters

Illuminant: 4 x 3.5W LED-bar

Luminous flux emergency / mains: 660lm/1160lm – **Battery duration: 1h**



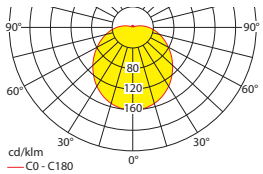
t = 1.00	h	2.00	2.50	3.00	3.50	4.00
	a	8.00	8.50	8.50	8.50	8.50
	b	3.00	3.00	3.00	3.00	2.50
t = 2.00	h	2.00	2.50	3.00	3.50	4.00
	a	8.50	9.00	9.00	9.00	9.00
	b	3.00	3.50	3.50	3.00	3.00
t = 3.00	h	2.00	2.50	3.00	3.50	4.00
	a	8.00	8.50	9.00	9.00	9.00
	b	3.00	3.00	3.00	3.00	3.00

Self contained luminaires **Wide area illumination**

Distance table for plane emergency routes / distance data in meters

Illuminant: 4 x 3.5W LED-bar

Luminous flux emergency / mains: 660lm/1160lm – **Battery duration: 3h**



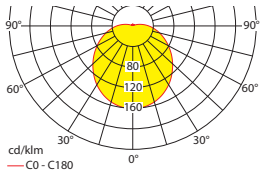
t = 1.00	h	2.00	2.50	3.00	3.50	4.00
	a	8.00	8.50	8.50	8.50	8.50
	b	3.00	3.00	3.00	3.00	2.50
t = 2.00	h	2.00	2.50	3.00	3.50	4.00
	a	8.50	9.00	9.00	9.00	9.00
	b	3.00	3.50	3.50	3.00	3.00
t = 3.00	h	2.00	2.50	3.00	3.50	4.00
	a	8.00	8.50	9.00	9.00	9.00
	b	3.00	3.00	3.00	3.00	3.00

Self contained luminaires **Wide area illumination**

Distance table for plane emergency routes / distance data in meters

Illuminant: 4 x 3.5W LED-bar

Luminous flux emergency / mains: 330lm/1160lm – **Battery duration: 8h**



t = 1.00	h	2.00	2.50	3.00	3.50	4.00
	a	6.50	6.00	6.00	5.50	5.00
	b	2.50	2.00	2.00	1.50	1.00
t = 2.00	h	2.00	2.50	3.00	3.50	4.00
	a	6.00	6.50	6.00	6.00	5.50
	b	2.50	2.00	2.00	1.50	1.00
t = 3.00	h	2.00	2.50	3.00	3.50	4.00
	a	5.50	6.00	6.00	5.50	5.00
	b	2.00	2.00	1.50	1.00	0.50