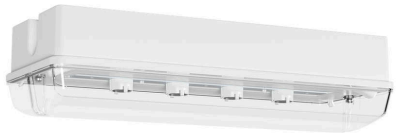
IK08 | IFS | 15lx | IP65 | 3W LED | 6W LED | 10W LED | Colour

PROTECT BEL-T DM

MADE in GERMANY

Safety luminaire in compliance with EN IEC 60598-1/2-22 and EN 1838.
IP65 safety luminaire made of polycarbonate with clear light cover, equipped with deep beam optics for high ceiling heights.
For unprotected outdoor installation we offer an accessory set with pressure compensation valve.
Optionally, the luminaire can be supplied as a central battery version for a temperature range down to -35°C (unmonitored).



Technical specifications

Luminaire type	**Luminaires for central battery systems**			**Self contained luminaires**	
Illuminant	3 W LED-bar	6 W LED-bar	10 W LED-bar	3 W LED-bar	6 W LED-bar
Connecting terminals	2 x 2.5 mm² for double assignment				
Colour	white				
Material	Polycarbonate (light cover clear)				
Mounting type	Ceiling mounting				
Additional mounting types*	Ceiling mounting (wire suspension), Pendulum mounting				
Dimensions (W x H x D)	DM 370 x 140 x 93 mm				
Protection class	IP65				
Safety class	II				
IK Safety class	IK08				
Light current (mains)	350 lm	600 lm	1050 lm	350 lm	580 lm
Light current (emergency)					
Battery duration 1h	–	–	–	350 lm	580 lm
Battery duration 3h	–	–	–	350 lm	580 lm
Battery duration 8h	–	–	–	–	320 lm
Luminous flux Emergency (DC) / mains					
Battery duration 1h	–	–	–	100% / 100%	100% / 100%
Battery duration 3h	–	–	–	100% / 100%	100% / 100%
Battery duration 8h	–	–	–	–	55% / 100%
Power consumption	6 VA	10.3 VA	15 VA	6 VA	11.5 VA
Battery current input	19 mA	27 mA	41 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
Battery duration 3h	–	–	–	4,8V 4,2Ah	4,8V 4,2Ah
Battery duration 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	DALI ELC MSÜ3 SET009 SET010 SET010/025			–	
Self monitoring	–			SELF CHECK	
Central monitoring	–			SAFELOG Line	
Wireless monitoring	–			SAFELOG Wireless	

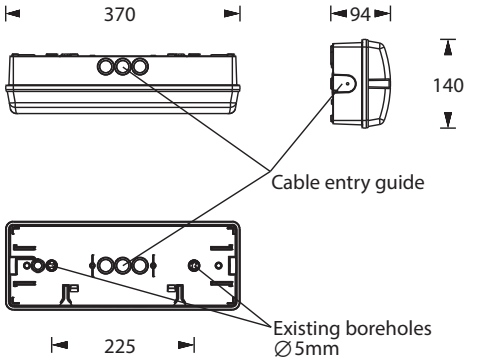
* Optional accessory required

Technical changes reserved / 04.11.2026

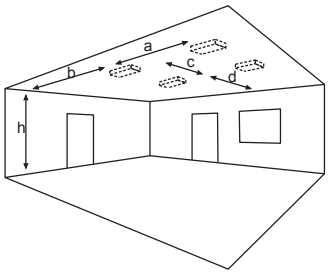
Accessories

Universal cover plate
Pressure compensation valve
Pole and wall bracket
Double pendulum set with long canopy
Central pendulum sets with long canopy
Central pendulum - Plastic
Wire sets with long canopy
Cable assembly set

Ceiling mounting



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

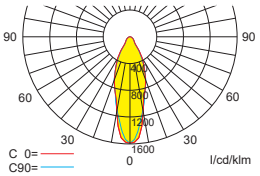


Ceiling mounting

Luminaires for central battery systems **downlight optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED-bar



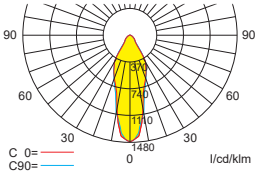
Luminous flux emergency / mains: 350lm

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
a	9.60	10.50	11.20	11.90	12.30	12.60	12.90	13.00	13.10	12.80	12.70	12.20	11.50	11.00
b	4.10	4.40	4.50	4.60	4.60	4.50	4.20	3.90	3.60	3.20	2.80	2.20	1.80	0.90
c	9.60	10.50	11.30	12.00	12.50	12.80	12.90	13.00	12.90	12.70	12.50	12.10	11.50	10.90
d	4.20	4.50	4.50	4.60	4.50	4.40	4.20	3.90	3.40	3.10	3.00	2.60	2.20	1.60

Luminaires for central battery systems **downlight optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 6W LED-bar



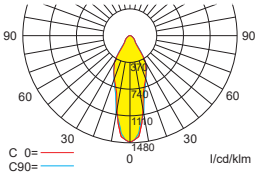
Luminous flux emergency / mains: 600lm

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	11.30	11.90	13.10	14.10	15.00	15.70	16.30	17.10	17.40	17.70	17.70	17.70	17.30	16.90	16.30	15.80	15.20	14.30
b	4.90	5.40	5.70	6.00	6.40	6.30	6.20	6.00	5.70	5.50	5.00	4.70	4.30	4.00	3.90	3.60	2.70	2.40
c	11.40	11.80	12.50	13.60	14.60	15.50	16.30	17.00	17.20	17.50	17.70	17.60	17.20	16.70	16.20	15.40	14.50	13.70
d	4.70	5.20	5.70	6.00	6.40	6.30	6.20	5.90	5.60	5.20	4.80	4.40	3.90	3.80	3.70	3.40	3.00	2.60

Luminaires for central battery systems **downlight optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 10W LED-bar



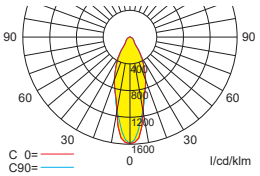
Luminous flux emergency / mains: 1050lm

h	7.00	9.00	11.00	13.00	15.00	17.00	19.00	21.00	23.00	25.00	27.00	29.00	31.00	33.00
a	13.80	14.80	16.30	18.50	20.20	21.50	22.90	23.40	23.30	23.00	21.90	21.00	19.50	18.30
b	5.30	6.40	7.30	7.90	8.50	8.20	7.70	7.30	6.50	5.80	5.30	4.80	3.40	2.20
c	14.10	14.90	16.00	17.80	19.80	21.50	22.60	23.10	23.30	22.80	21.80	20.50	18.70	17.20
d	5.40	6.20	7.10	7.90	8.50	8.20	7.70	7.00	6.20	5.30	5.00	4.50	3.70	2.90

Self contained luminaires **downlight optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED-bar



Luminous flux emergency / mains: 350lm/350lm – **Battery duration: 1h**

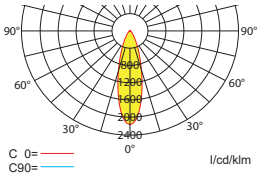
h	7.00	8.00	9.00	10.00	11.00	12.00	13.00	14.00	15.00	16.00	17.00	18.00	19.00	20.00
a	9.60	10.50	11.20	11.90	12.30	12.60	12.90	13.00	13.10	12.80	12.70	12.20	11.50	11.00
b	4.10	4.40	4.50	4.60	4.60	4.50	4.20	3.90	3.60	3.20	2.80	2.20	1.80	0.90
c	9.60	10.50	11.30	12.00	12.50	12.80	12.90	13.00	12.90	12.70	12.50	12.10	11.50	10.90
d	4.20	4.50	4.50	4.60	4.50	4.40	4.20	3.90	3.40	3.10	3.00	2.60	2.20	1.60

Technical changes reserved / 04.11.2026

Self contained luminaires **downlight optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 6W LED-bar



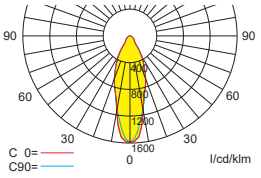
Luminous flux emergency / mains: 580lm/580lm – **Battery duration: 1h**

h	7.00	9.00	11.00	13.00	15.00	17.00	19.00	21.00	23.00	25.00	27.00	29.00	31.00
a	11.00	12.30	13.30	14.10	14.80	15.30	15.70	16.00	16.10	16.00	15.90	15.50	15.10
b	4.50	5.00	5.30	5.50	5.70	5.70	5.60	5.40	5.20	4.80	4.20	3.30	1.80
c	11.00	12.30	13.30	14.10	14.80	15.30	15.70	16.00	16.10	16.00	15.90	15.50	15.10
d	4.50	5.00	5.30	5.50	5.70	5.70	5.60	5.40	5.20	4.80	4.20	3.30	1.80

Self contained luminaires **downlight optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 3W LED-bar



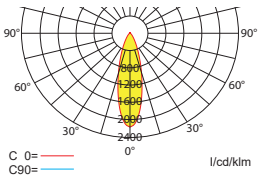
Luminous flux emergency / mains: 350lm/350lm – **Battery duration: 3h**

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
a	9.60	10.50	11.20	11.90	12.30	12.60	12.90	13.00	13.10	12.80	12.70	12.20	11.50	11.00
b	4.10	4.40	4.50	4.60	4.60	4.50	4.20	3.90	3.60	3.20	2.80	2.20	1.80	0.90
c	9.60	10.50	11.30	12.00	12.50	12.80	12.90	13.00	12.90	12.70	12.50	12.10	11.50	10.90
d	4.20	4.50	4.50	4.60	4.50	4.40	4.20	3.90	3.40	3.10	3.00	2.60	2.20	1.60

Self contained luminaires **downlight optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 6W LED-bar



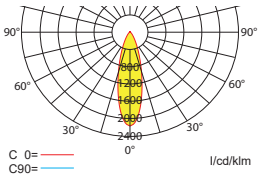
Luminous flux emergency / mains: 580lm/580lm – **Battery duration: 3h**

h	7.00	9.00	11.00	13.00	15.00	17.00	19.00	21.00	23.00	25.00	27.00	29.00	31.00
a	11.00	12.30	13.30	14.10	14.80	15.30	15.70	16.00	16.10	16.00	15.90	15.50	15.10
b	4.50	5.00	5.30	5.50	5.70	5.70	5.60	5.40	5.20	4.80	4.20	3.30	1.80
c	11.00	12.30	13.30	14.10	14.80	15.30	15.70	16.00	16.10	16.00	15.90	15.50	15.10
d	4.50	5.00	5.30	5.50	5.70	5.70	5.60	5.40	5.20	4.80	4.20	3.30	1.80

Self contained luminaires **downlight optics**

Distance table for plane emergency routes / distance data in meters

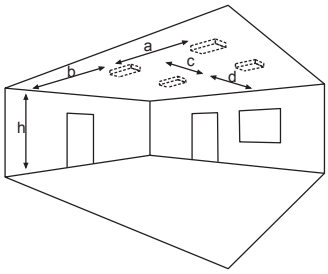
Illuminant: 6W LED-bar



Luminous flux emergency / mains: 320lm/580lm – **Battery duration: 8h**

h	7.00	9.00	11.00	13.00	15.00	17.00	19.00	21.00	23.00
a	9.30	10.20	11.00	11.50	11.80	11.90	11.90	11.70	11.20
b	3.70	4.00	4.20	4.20	4.10	3.80	3.40	2.70	1.40
c	9.30	10.20	11.00	11.50	11.80	11.90	11.90	11.70	11.20
d	3.70	4.00	4.20	4.20	4.10	3.80	3.40	2.70	1.40

Lighting data and tables of luminaire distances (E = 18,75 lx)

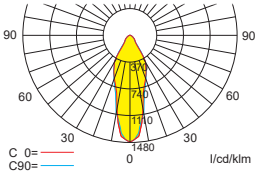


Ceiling mounting

Luminaires for central battery systems **downlight optics**

Distance table for plane emergency routes / distance data in meters

Illuminant: 10W LED-bar

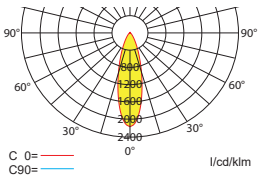


Luminous flux emergency / mains: 1050lm

h	2.00	3.00	4.00	5.00	6.00	7.00	8.00	9.00
a	3.80	4.40	5.40	6.10	6.30	6.00	5.40	4.70
b	1.50	2.00	2.30	2.10	1.80	1.40	1.10	0.30
c	3.80	4.30	5.30	6.00	6.20	6.00	5.20	4.40
d	1.50	1.90	2.30	2.10	1.70	1.40	1.10	0.30

Technical changes reserved / 04.11.2026

Illuminant: 6W LED-bar



Luminous flux emergency / mains: 580lm/580lm – **Battery duration: 3h**

h	4.00	5.00	6.00	7.00	8.00
a	3.90	4.10	4.10	4.10	3.90
b	1.50	1.40	1.30	1.10	0.50
c	3.90	4.10	4.10	4.10	3.90
d	1.50	1.40	1.30	1.10	0.50