

DIOS

IP 65



Application: Emergency dustproof LED lighting fixture DIOS with protection against water jets is designed for lighting of escape ways and for providing anti panic lighting in indoor areas where resistance against the ingress of dust and moisture, such as industrial halls and warehouse areas. Thanks to its simple design, it can be also used for example in corridors of schools or hospitals. Lighting fixtures can be connected in the mode M – maintained emergency lighting as well as NM – non-maintained emergency lighting.

Light source: LED, 4000K, CRI +80, MacAdam5

Housing: Plastic material PC/ABS + ALU, RAL 9003

Diffuser: OP – optical PMMA

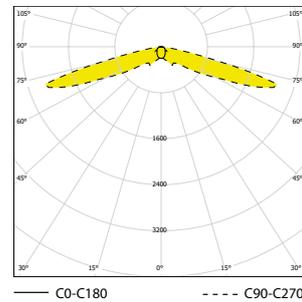
Fastening: Surface mounted or recessed via set of brackets or with suspended panel with pictogram

Connection: Screw terminal block, maximum diameter of wires 2.5 mm²

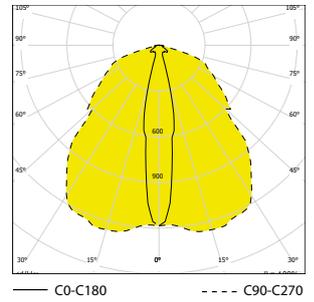
Emergency lighting: M – maintained / non-maintained emergency lighting (3h), CB – central battery system

Calculated lifetime – LED modules: L80B10 ta30 – 50 000h, L70B10 ta30 – 80 000h

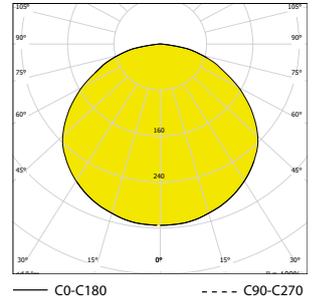
DIOS variant C1/C2



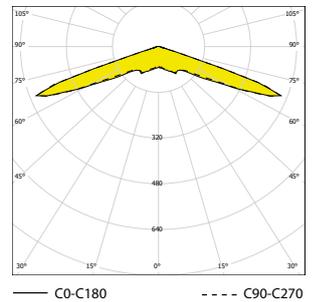
DIOS variant F1/F2



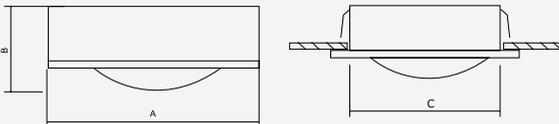
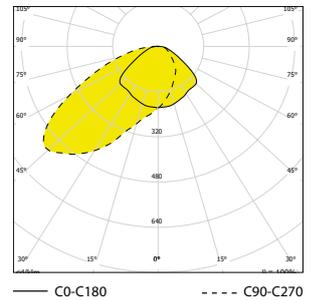
DIOS variant M2/M5



DIOS variant S1/S2



DIOS variant W1/W2



Order number	Name	Lighting fixture luminous flux (lm)	Power input (W)	Rated power output (lm/W)	Ta max (°C)	Dimensions of lighting fixture A x B x C (mm)	Mounting hole A x B (mm)	Weight (kg)
emergency lighting for open areas								
141601	DIOS-M2-3H, 2W	270	6,4	180	40	170x66,5	155	
141602	DIOS-M5-1H, 5W	524	6	60	40	170x66,5	155	
141603	DIOS-M5-3H, 5W	524	6	180	40	170x66,5	155	
141612	DIOS-M2-CB, 2W	270	6,4	X	40	170x66,5	155	
141613	DIOS-M5-CB, 5W	524	6	X	40	170x66,5	155	
emergency lighting for low ceiling open areas								
141700	DIOS-S1-3H, 2W	245	6,4	180	40	170x66,5	155	
141701	DIOS-S2-1H, 5W	461	6	60	40	170x66,5	155	
141702	DIOS-S2-3H, 5W	461	6	180	40	170x66,5	155	
141709	DIOS-S1-CB, 2W	245	6,4	X	40	170x66,5	155	
141710	DIOS-S2-CB, 5W	461	6	X	40	170x66,5	155	
emergency lighting for corridors and racking aisles								
141616	DIOS-COR-C1-3H, 2W	238	6,4	180	40	170x66,5	155	
141617	DIOS-COR-C2-1H, 5W	478	6	60	40	170x66,5	155	
141618	DIOS-COR-C2-3H, 5W	478	6	180	40	170x66,5	155	
141627	DIOS-COR-C1-CB, 2W	238	6,4	X	40	170x66,5	155	
141628	DIOS-COR-C2-CB, 5W	478	6	X	40	170x66,5	155	
141637	DIOS-COR-F1-3H, 2W	269	6,4	180	40	170x66,5	155	
141638	DIOS-COR-F2-1H, 5W	499	6	60	40	170x66,5	155	
141639	DIOS-COR-F2-3H, 5W	499	6	180	40	170x66,5	155	
141646	DIOS-COR-F1-CB, 2W	269	6,4	X	40	170x66,5	155	
141647	DIOS-COR-F2-CB, 5W	499	6	X	40	170x66,5	155	
asymmetric emergency lighting								
141711	DIOS-COR-W1-3H, 2W	230	6,4	180	40	170x66,5	155	
141712	DIOS-COR-W2-1H, 5W	470	6	60	40	170x66,5	155	
141713	DIOS-COR-W2-3H, 5W	470	6	180	40	170x66,5	155	
141714	DIOS-COR-W1-CB, 2W	230	6,4	X	40	170x66,5	155	
141715	DIOS-COR-W2-CB, 5W	470	6	X	40	170x66,5	155	

Tolerance of luminous flux and power input of the lighting fixture +/- 10%

Accessories on request

141632 DIOS set of brackets - recessed mounting set

Lighting fixture detail



On request

AT – autotest

DATA – central monitoring system