OCTA LIGHT®
OCTA LIGHT INTERNATIONAL SJSC

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PROFFIT Series

Weatherproof LED Luminaires

GUARANTEE / WARRANTY

5 years extended guarantee

HIGHLIGHTS & BENEFITS

- Excellent weatherproof LED linear luminaire
- Delivered system efficiency of 170 lm/W
- No UV light emission
- High ingress protection design, resistant to dust, water, and other environmental factors
- Available in Cool, Neutral & Warm White Color Temperatures
- Easy installation, maintenance free
- Multiple sizes and luminous power combinations to fit any design
- Uniform light distribution, ensuring that the entire area is evenly lit without any dark spots
- UV-stabilized injection-molded polycarbonate (PC) diffuser is a standard option, providing high strength, heat resistance, and shock resistance
- Optional PMMA diffuser with high UV and chemical resistance
- Effective solution for lighting of industrial halls, workshops, and parking areas

FEATURES

Operating voltage	198 - 264 V AC 50/60 Hz
IP rating	IP65, IP66 (Optional)
IK rating	IK10
LED package used	OCTALED
Dimmable	Yes DALI or 0-10V (Optional)
LED lifetime	70 000 h L90B10
Color rendering index	Ra>80, Ra>90 (Optional)
SDCM (MacAdam)	<3
Flicker	<5%
Power factor	>0.95
Emergency version	Yes 3 hours or CBS (optional)
Options and accessories	3HR,CBS,LIO,QTC,PMD,VPC,PIR,MWS,SUS,P66,NRD

ADDITIONAL INFORMATION

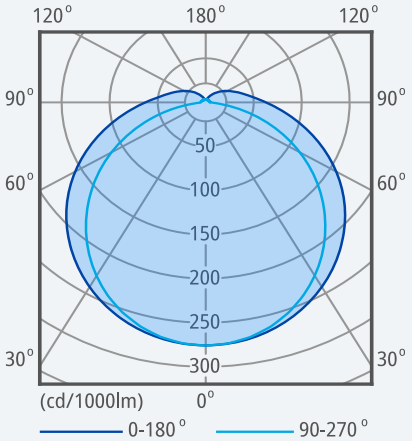
Type of installation	Surface or Suspended
Housing material	Flame retardant GRP
Optical system	PC or PMMA (opt.) diffuser w/ 125°x110° beam distribution
Housing color	Grey RAL7035
Operating temperature	-30°C to +50°C
Relative humidity	<85%
Electric class	I

PRODUCT SELECTION

Product order code (OC)	Power	Lumen output lm CW	lm NW	lm WW	Efficiency *for 840	Input current	Dimensions AxBxC, mm
PRF1UHE20088 CC	8W	1,360	1,360	1,224	170 lm/W	37 mA	669x90x95
PRF1UHE20108 CC	10W	1,700	1,700	1,530	170 lm/W	46 mA	669x90x95
PRF1UHE20128 CC	12W	2,040	2,040	1,836	170 lm/W	55 mA	669x90x95
PRF1UHE20158 CC	15W	2,550	2,550	2,295	170 lm/W	69 mA	669x90x95
PRF1UHE40248 CC	24W	4,080	4,080	3,672	170 lm/W	110 mA	1277x90x95
PRF1UHE40308 CC	30W	5,100	5,100	4,590	170 lm/W	138 mA	1277x90x95
PRF1UHE40328 CC	32W	5,440	5,440	4,896	170 lm/W	147 mA	1277x90x95
PRF1UHE40368 CC	36W	6,120	6,120	5,508	170 lm/W	165 mA	1277x90x95
PRF1UHE50328 CC	32W	5,440	5,440	4,896	170 lm/W	147 mA	1577x90x95
PRF1UHE50368 CC	36W	6,120	6,120	5,508	170 lm/W	165 mA	1577x90x95
PRF1UHE50428 CC	42W	7,140	7,140	6,426	170 lm/W	193 mA	1577x90x95
PRF1UHE50478 CC	47W	7,990	7,990	7,191	170 lm/W	216 mA	1577x90x95
PRF2UHE20208 CC	20W	3,400	3,400	3,060	170 lm/W	92 mA	669x116x99
PRF2UHE40268 CC	26W	4,420	4,420	3,978	170 lm/W	119 mA	1277x116x99
PRF2UHE40308 CC	30W	5,100	5,100	4,590	170 lm/W	138 mA	1277x116x99
PRF2UHE40368 CC	36W	6,120	6,120	5,508	170 lm/W	165 mA	1277x116x99
PRF2UHE40408 CC	40W	6,800	6,800	6,120	170 lm/W	184 mA	1277x116x99
PRF2UHE40428 CC	42W	7,140	7,140	6,426	170 lm/W	193 mA	1277x116x99
PRF2UHE40478 CC	47W	7,990	7,990	7,191	170 lm/W	216 mA	1277x116x99
PRF2UHE50408 CC	40W	6,800	6,800	6,120	170 lm/W	184 mA	1577x116x99
PRF2UHE50478 CC	47W	7,990	7,990	7,191	170 lm/W	216 mA	1577x116x99
PRF2UHE50528 CC	52W	8,840	8,840	7,956	170 lm/W	238 mA	1577x116x99
PRF2UHE50608 CC	60W	10,200	10,200	9,180	170 lm/W	275 mA	1577x116x99

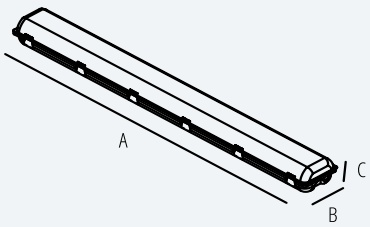
COLOR TEMPERATURE SELECTION

Correlated color temperatures CC		
2700 K	27 Warm White	WW
3000 K	30 Warm White	WW
4000 K	40 Neutral White	NW
4500 K	45 Neutral White	NW
5700 K	57 Cool White	CW
6000 K	60 Cool White	CW
6500 K	65 Cool White	CW



Options and accessories

Suffix to OC	Description
3HR	3 hours battery pack
CBS	Addr.mod.for central battery system
LIO	Loop-in/loop-out wiring
QTC	Quick tool-less wiring
PMD	PMMA difusser
VPC	Vandal proof clips
PIR	PIR sensor
MWS	Microwave sensor
SUS	Suspension kit
P66	Optional IP66
NRD	Narrow beam distribution 40°x80°



LED DRIVERS

Standard LED Driver	Premium constant current LED driver
DALI driver	DAL suffix to order code
1-10V dim. LED Driver	DIM suffix to order code

WIRING INFORMATION

Cable/Flying Lead	None
Type of wiring required	Parallel to mains supply votlage

Octa Light International is a completely vertically integrated manufacturer of LED packages, LED modules, LED lamps and LED luminaires. The company was established in 2010 as the first Light Emitting Diodes (LED) manufacturer with production based entirely in the EU. Company's LED portfolio includes powerful high-brightness light emitting diodes, last generation of low-power & mid-power LEDs, wide range of COBs, and innovative AC LED modules, as well as special application LEDs. We are constantly expanding our LEDs range to bring highest performance and quality of light sources. Our business scope includes OEM and ODM supply of LED packages, LED engines, luminaires and lamps.

Octa Light International offers also complete lighting solutions accomplishing variety of lighting projects with own range of luminaires. Further to its core lighting business the company offers Contract Electronics Manufacturing /CEM/ for key industries.

The technical information has been gathered with utmost diligence. Octa Light International maintains accuracy on all measurements within ±5%. Specifications are subject to change without notice.