



OCTA LIGHT®
 OCTA LIGHT BULGARIA JSC
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GUARANTEE / WARRANTY
 5 years extended guarantee

- HIGHLIGHTS & BENEFITS**
- ▶ Energy efficient linear high-bay LED luminaire
 - ▶ Delivered system efficiency of 135 lm/W
 - ▶ Presence sensors (PIR and Microwave) optionally available
 - ▶ Deliver high brightness and even illumination, ideal for large indoor spaces with high ceilings
 - ▶ Available in Cool, Neutral & Warm White Color Temperatures
 - ▶ Optional DALI or 0-10V dimming controls
 - ▶ Constructed with high-quality materials, resistant to wear and tear and suitable for heavy-duty applications
 - ▶ Various mounting options, including suspension mounting, fixed or adjustable ceiling mount, giving flexibility in installation
 - ▶ Long lifespan reducing maintenance costs and improving overall energy efficiency
 - ▶ Ideal for warehouses, factories, sport centers and gymnasiums

CRD Series
 Industrial High/Low Bay Linear LED Luminaires

FEATURES	
Operating voltage	100 - 240 V AC 50/60 Hz
IP rating	IP65
IK rating	IK10
LED package used	OCTALED
Dimmable	Yes DALI or 0-10V (Optional)
LED lifetime	70 000 h L90B10
Color rendering index	Ra>70, Ra>80 (Optional)
SDCM (MacAdam)	<3
Flicker	<5%
Power factor	>0.95
Emergency version	No
Options and accessories	SUS, DMK, AMK, DLS, MWS, PIR, ZWC

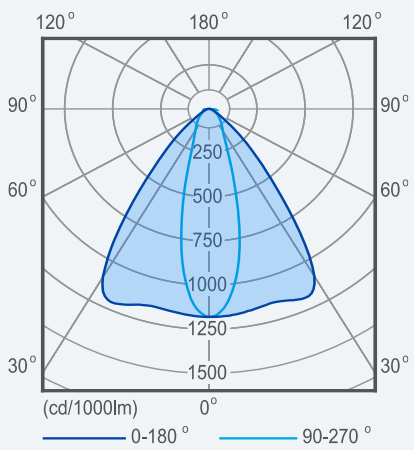
ADDITIONAL INFORMATION	
Type of installation	Surface ceiling or suspended
Housing material	Aluminum alloy
Optical system	PC Lens with standard beam angle 70°x30°
Housing color	Black body with red or black end cap
Operating temperature	-30°C to +50°C
Relative humidity	<80%
Electric class	I

PRODUCT SELECTION

Product order code (OC)	Power	Lumen output			Efficiency *for 840	Input current	Dimensions AxBxC, mm
		lm CW	lm NW	lm WW			
CRDADV1050Y7 CC	50W	6 750	6 750	6 075	135 lm/W	229 mA	280x137x102
CRDADV2100Y7 CC	100W	13 500	13 500	12 150	135 lm/W	458 mA	486x137x102
CRDADV3150Y7 CC	150W	20 250	20 250	18 225	135 lm/W	687 mA	718x137x102
CRDADV4200Y7 CC	200W	27 000	27 000	24 300	135 lm/W	916 mA	948x137x102
CRDADV5240Y7 CC	240W	32 400	32 400	29 160	135 lm/W	1099 mA	1178x137x102

COLOR TEMPERATURE SELECTION

Correlated color temperatures CC		
3000 K	30	Warm White WW
4000 K	40	Neutral White NW
5000 K	50	Cool White CW



Optics:

Code Y	Beam angle
090	Beam angle 90°
120	Beam angle 120°
7030	Beam angle 70°x30°
40120	Beam angle 40°x120°
40130	Beam angle 40°x130°
5090	Beam angle 50°x90°
6090	Beam angle 60°x90°
90130	Beam angle 90°x130°

Options and accessories

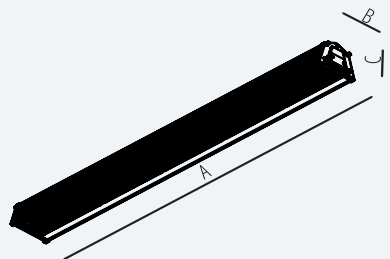
Suffix to OC	Description
SUS	Suspension kit
DMK	Direct mounting kit
AMK	Adjustable direct mounting kit
DLS	Daylight sensor
MWS	Microwave sensor
PIR	PIR sensor
ZWC	Zigbee wireless control

LED DRIVERS

Standard LED Driver	Premium constant current LED driver
DALI driver	DALI 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 voltage



Octa Light Bulgaria 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 Bulgaria 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.