



OCTA LIGHT BULGARIA JSC

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TANGRA 4 Series

Industrial High/Low Bay Circular LED Luminaires

FEATURES

Operating voltage	220 - 240 V AC 50/60 Hz
IP rating	IP65
IK rating	IK08
LED package used	OCTALED
Dimmable	Yes 0-10V (Optional)
LED lifetime	100 000 h L90B10
Color rendering index	Ra>70, Ra>80 (Optional)
SDCM (MacAdam)	<3
Flicker	<5%
Power factor	>0.95
Emergency version	Yes 3 hours or CBS (optional)
Options and accessories	3HR, CBS, CBM, SFC, ALR, PCR, MWS, PIR, CBM

ADDITIONAL INFORMATION

Type of installation	Suspended (standard) or surface ceiling
Housing material	Powder coated aluminum alloy
Optical system	Lens with standard beam angle 90°
Housing color	Black RAL9017
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 DxH, mm
		lm CW	lm NW	lm WW			
TRA4PRE100Y7 CC	100W	15 000	15 000	13 500	150 lm/W	458 mA	Ø234x187
TRA4PRE120Y7 CC	120W	18 000	18 000	16 200	150 lm/W	550 mA	Ø234x187
TRA4PRE150Y7 CC	150W	22 500	22 500	20 250	150 lm/W	687 mA	Ø250x190
TRA4PRE200Y7 CC	200W	30 000	30 000	27 000	150 lm/W	916 mA	Ø280x195

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
060	Beam angle 60°
090	Beam angle 90°
120	Beam angle 120°

Options and accessories

Suffix to OC	Description
3HR	3 hours battery pack
CBS	Addr.mod.for central battery system
CBM	Ceiling mounting bracket
SFC	Surface mounting frame
ALR	Aluminum reflector
PCR	PC reflector
MWS	Microwave sensor
PIR	PIR sensor
CBM	Ceiling mounting bracket

LED DRIVERS

Standard LED Driver	Premium constant current LED driver
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.

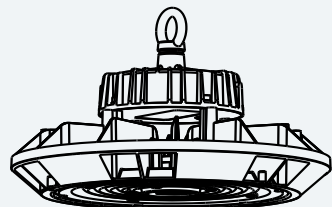
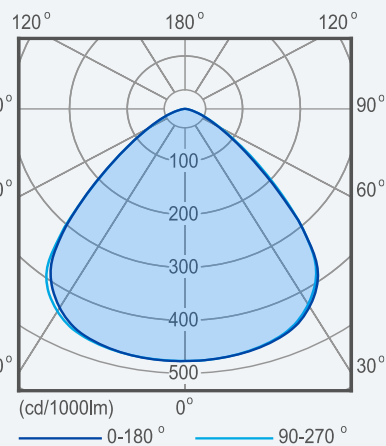
Octa Light Bulgaria offers also complete lighting solutions accomplishing variety of lighting projects with own range of luminaires. Further to its core lighting business the company offers Contract Electronics Manufacturing /CEM/ for key industries.

GUARANTEE / WARRANTY

5 years extended guarantee

HIGHLIGHTS & BENEFITS

- ▶ Energy efficient high-bay LED luminaire
- ▶ Delivered system efficiency of 150 lm/W
- ▶ Deliver high brightness and even illumination, perfect for large spaces
- ▶ Multiple sizes and luminous power combinations
- ▶ Available in Cool, Neutral & Warm White Color Temperatures
- ▶ Powder-coated finish, highly durable and resistant to chipping, scratching, and fading
- ▶ Constructed with high-quality materials, resistant to wear and tear and suitable for heavy-duty applications
- ▶ Easy and quick installation with the lifting ring, making it a practical choice for both new and existing buildings
- ▶ Long lifespan up to 100,000 hours, reducing maintenance costs and downtime
- ▶ Suitable for a wide range of applications, including warehouses, workshops, factories, supermarkets and sport centers



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