



**OCTA LIGHT®**  
OCTA LIGHT INTERNATIONAL SJSC  
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**GUARANTEE / WARRANTY**  
5 years extended guarantee

**HIGHLIGHTS & BENEFITS**

- ▶ Energy-efficient high-bay LED luminaire
- ▶ Delivered system efficiency of 170 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

**TANGRA 3 Series**  
Industrial High/Low Bay Circular LED Luminaires

FEATURES	
Operating voltage	100 - 277 V AC 50/60 Hz
IP rating	IP65
IK rating	IK08
LED package used	OCTALED
Dimmable	Yes DALI or 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,MWS,PIR,CBM,ALR,AGG,BK,WH,GR

ADDITIONAL INFORMATION	
Type of installation	Suspended (standard) or surface ceiling
Housing material	Aluminum
Optical system	Lens with standard beam angle 90°
Housing color	Black
Operating temperature	-30°C to +50°C
Relative humidity	<80%
Electric class	I

**PRODUCT SELECTION**

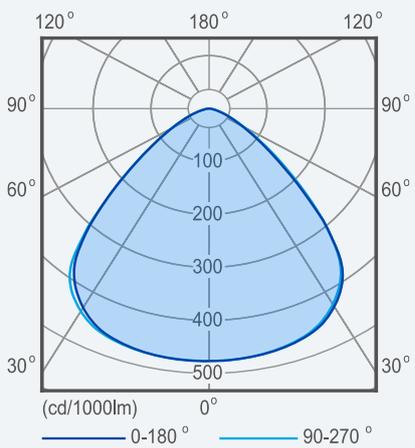
Product order code (OC)	Power	Lumen output			Efficiency *for 840	Input current	Dimensions DxH, mm
		lm CW	lm NW	lm WW			
TRA3UHE060Y8 CC	60W	10,200	10,200	9,180	170 lm/W	275 mA	Ø264x155
TRA3UHE080Y8 CC	80W	13,600	13,600	12,240	170 lm/W	367 mA	Ø264x155
TRA3UHE100Y8 CC	100W	17,000	17,000	15,300	170 lm/W	458 mA	Ø264x155
TRA3UHE120Y8 CC	120W	20,400	20,400	18,360	170 lm/W	550 mA	Ø306x180
TRA3UHE150Y8 CC	150W	25,500	25,500	22,950	170 lm/W	687 mA	Ø306x180
TRA3UHE180Y8 CC	180W	30,600	30,600	27,540	170 lm/W	824 mA	Ø355x209
TRA3UHE200Y8 CC	200W	34,000	34,000	30,600	170 lm/W	916 mA	Ø355x209

**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°



**LED DRIVERS**

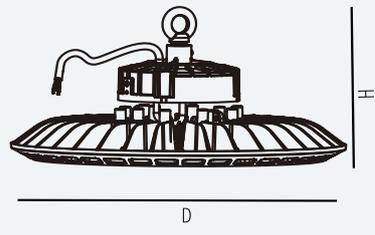
Standard LED Driver	Premium constant current LED driver
DALI driver	DAL suffix to order code
1-10V dim. LED Driver	DIM suffix to order code

**WIRING INFORMATION**

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

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.



**Options and accessories**

Suffix to OC	Description
3HR	3 hours battery pack
CBS	Addr.mod.for central battery system
MWS	Microwave sensor
PIR	PIR sensor
CBM	Ceiling mounting bracket
ALR	Aluminum reflector
AGG	Anti-glare grille
BK	Black housing color
WH	White housing color
GR	Grey housing color