


GUARANTEE / WARRANTY
5 years extended guarantee

HIGHLIGHTS & BENEFITS

- ▶ Energy efficient hexagonal shaped high-bay LED luminaire
- ▶ Delivered system efficiency of 150 lm/W
- ▶ Hexagonal shape designed, sleek and stylish which can add a modern touch to any space
- ▶ Deliver high brightness and even illumination, perfect for large spaces
- ▶ Available in Cool, Neutral & Warm White Color Temperatures
- ▶ Possibility for sector combinations to fit into any area
- ▶ 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 Q

Industrial High/Low Bay Hexagonal LED Luminaires

FEATURES

Operating voltage	198 - 264 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>80
SDCM (MacAdam)	<3
Flicker	<5%
Power factor	>0.95
Emergency version	Yes 3 hours or CBS (optional)
Options and accessories	3HR,CBS,WH,GR

ADDITIONAL INFORMATION

Type of installation	Suspended
Housing material	Aluminum
Optical system	Lens with standard beam angle 90°
Housing color	Grey RAL9006 or White RAL9003
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			
TRQ1PRE060Y8 CC	60W	9 000	9 000	8 100	150 lm/W	275 mA	220x254x160
TRQ1PRE080Y8 CC	80W	12 000	12 000	10 800	150 lm/W	367 mA	220x254x160
TRQ1PRE090Y8 CC	90W	13 500	13 500	12 150	150 lm/W	412 mA	220x254x160
TRQ1PRE100Y8 CC	100W	15 000	15 000	13 500	150 lm/W	458 mA	220x254x160
TRQ2PRE120Y8 CC	120W	18 000	18 000	16 200	150 lm/W	550 mA	440x254x160
TRQ2PRE160Y8 CC	160W	24 000	24 000	21 600	150 lm/W	733 mA	440x254x160
TRQ2PRE180Y8 CC	180W	27 000	27 000	24 300	150 lm/W	824 mA	440x254x160
TRQ2PRE200Y8 CC	200W	30 000	30 000	27 000	150 lm/W	916 mA	440x254x160
TRQ3PRE240Y8 CC	240W	36 000	36 000	32 400	150 lm/W	1099 mA	660x254x160
TRQ3PRE270Y8 CC	270W	40 500	40 500	36 450	150 lm/W	1236 mA	660x254x160
TRQ3PRE300Y8 CC	300W	45 000	45 000	40 500	150 lm/W	1373 mA	660x254x160
TRQ4PRE320Y8 CC	320W	48 000	48 000	43 200	150 lm/W	1465 mA	880x254x160
TRQ4PRE360Y8 CC	360W	54 000	54 000	48 600	150 lm/W	1648 mA	880x254x160
TRQ4PRE400Y8 CC	400W	60 000	60 000	54 000	150 lm/W	1831 mA	880x254x160

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
5700 K	57	Cool White CW

Optics:

Code Y	Beam angle
060	Beam angle 60°
090	Beam angle 90°
120	Beam angle 120°
10010	Beam Angle 100°x10°

Options and accessories

Suffix to OC	Description
3HR	3 hours battery pack
CBS	Addr.mod.for central battery system
WH	White housing color
GR	Grey housing color

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.

