



OCTA LIGHT BULGARIA JSC

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GUARANTEE / WARRANTY
5 years extended guarantee

HIGHLIGHTS & BENEFITS

- › Circular adjustable downlight LED luminaire
- › Delivered system efficiency of 100 lm/W
- › Multiple of housing sizes and luminous power combinations
- › No UV light emission, no mercury
- › Available in Cool, Neutral & Warm White Color Temperatures
- › Capability to adjust light direction, providing maximum illumination and minimal wasted light
- › High color rendering, making colors appear more vibrant and accurate
- › Modern design that complements any interior style
- › Maintenance free, reducing operating costs and ensuring a long lifespan
- › Anti-glare design, prevents unwanted glare and ensures a comfortable lighting experience
- › Wide beam angle is available for even illumination throughout the entire room
- › Perfect for retail, residential and commercial decorative lighting applications
- › Perfect solution for general and accent interior lighting applications

TRC Series

Semi-Recessed Mounted Adjustable Round and Square LED Downlights

FEATURES

Operating voltage	220 - 240 V AC 50/60 Hz
IP rating	IP20
IK rating	IK02
LED package used	OCTALED
Dimmable	Yes DALI or 0-10V (Optional)
LED lifetime	40 000 h L90B10
Color rendering index	Ra>90
SDCM (MacAdam)	<3
Flicker	<5%
Power factor	>0.95
Emergency version	Yes 3 hours or CBS (optional)
Options and accessories	3HR,CBS,BK,WH

ADDITIONAL INFORMATION

Type of installation	Recessed
Housing material	Die-cast aluminum integrated heat-sink
Optical system	Lens / reflector with standard beam angle 36°
Housing color	White or black
Operating temperature	-20°C to +45°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			
TRCBSC073010Y8 CC	10W	1 000	900	100 lm/W	46 mA	Ø73x118	
TRCBSC120012Y8 CC	12W	1 200	1 080	100 lm/W	55 mA	Ø98x120	
TRCBSC130015Y8 CC	15W	1 500	1 350	100 lm/W	69 mA	Ø130x135	
TRCQBSC100012Y8 CC	12W	1 200	1 080	100 lm/W	55 mA	Ø100x120	
TRCQBSC130015Y8 CC	15W	1 500	1 350	100 lm/W	69 mA	Ø130x135	
TRCQBSC130025Y8 CC	25W	2 500	2 250	100 lm/W	115 mA	Ø130x135	

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

Optics:

Code Y	Beam angle
012	Beam angle 12°
024	Beam angle 24°
036	Beam angle 36°
015	Beam angle 15°
024	Beam angle 24°
038	Beam angle 38°
060	Beam angle 60°

Options and accessories

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

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 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.

