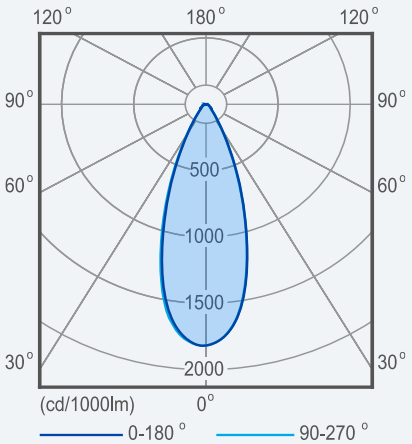
OCTA LIGHT®
OCTA LIGHT INTERNATIONAL SJSC

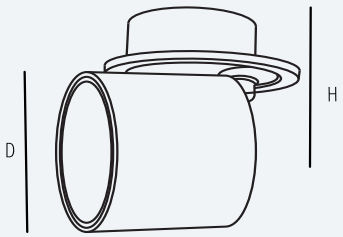
www.octa-light.com
info@octa-light.com

GUARANTEE / WARRANTY
5 years extended guarantee

HIGHLIGHTS & BENEFITS

- Circular adjustable downlight LED luminaire
- Delivered system efficiency of 100 lm/W
- Capability to adjust light direction, providing maximum illumination and minimal wasted light
- No UV light emission, no mercury
- Available in Cool, Neutral & Warm White Color Temperatures
- 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, preventing unwanted glare and ensuring a comfortable lighting experience
- Wide beam angle is available for even illumination throughout the entire room
- Applicable for retail, residential and commercial decorative lighting applications
- Perfect solution for general and accent interior lighting applications
- Perfect solution for general and accent interior lighting applications





ISC Series
Semi-Recessed Mounted Adjustable Round 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	70 000 h L90B10
Color rendering index	Ra>80, Ra>90 (Optional)
SDCM (MacAdam)	<3
Flicker	<5%
Power factor	>0.95
Emergency version	No
Options and accessories	BK,WH,B,W,S,G

ADDITIONAL INFORMATION

Type of installation	Semi-recessed
Housing material	Aluminum
Optical system	Lens + reflector with standard beam angle 36°
Housing color	White or black
Operating temperature	-20°C to +45°C
Relative humidity	<90%
Electric class	I

PRODUCT SELECTION

Product order code (OC)	Power	Lumen output lm CW	lm NW	lm WW	Efficiency *for 840	Input current	Dimensions DxH, mm
ISCBSC092020Y8 **CC**	20W	2,000	2,000	1,800	100 lm/W	92 mA	Ø92x100

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
5700 K	**57**	Cool White CW
6500 K	**65**	Cool White CW

Optics:

Code Y	Beam angle
015	Beam angle 15°
024	Beam angle 24°
036	Beam angle 36°
055	Beam angle 55°

Options and accessories

Suffix to OC	Description
BK	Black housing color
WH	White housing color
B	Black reflector
W	White reflector
S	Silver reflector
G	Gold reflector

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 votlage

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.

The technical information has been gathered with utmost diligence. Octa Light International maintains accuracy on all measurements within ±5%. Specifications are subject to change without notice.