OCTA LIGHT®
OCTA LIGHT INTERNATIONAL SJSC

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RLL Series

Recessed or Surface Mounted LED Linear Luminaires

GUARANTEE / WARRANTY

5 years extended guarantee

HIGHLIGHTS & BENEFITS

- High-quality light output that is bright, consistent, and flicker-free
- Delivered system efficiency of 130 lm/W
- Optional dimming capabilities that can customize the lighting level to fit any occasion
- Multiple sizes and luminous power combinations
- Available in Cool, Neutral & Warm White Color Temperatures
- Uniform light distribution, ensuring that the entire area is evenly lit without any dark spots
- Classic and modern design that complements any interior style
- Long lifespan up to 50,000 hours, reducing maintenance costs and downtime
- Ideal for offices and meeting rooms
- Suitable for shopping malls, supermarkets, hospital, school illumination, stores and corridor lighting

FEATURES

Operating voltage	198 - 264 V AC 50/60 Hz
IP rating	IP20, IP66 (Optional)
IK rating	IK02
LED package used	OCTALED
Dimmable	Yes DALI or 0-10V (Optional)
LED lifetime	50 000 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,HCL,SFC,P66

ADDITIONAL INFORMATION

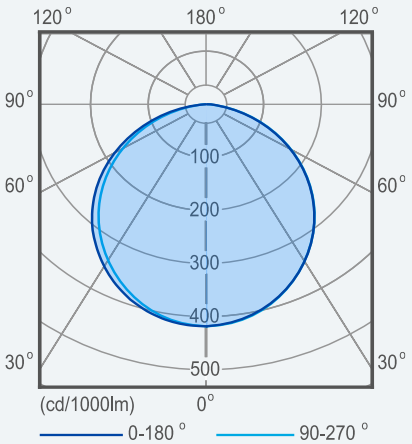
Type of installation	Recessed or surface
Housing material	Powder coated aluminum
Optical system	UV stabilized PC diffuser
Housing color	White
Operating temperature	-20°C to +45°C
Relative humidity	<60%
Electric class	I

PRODUCT SELECTION

Product order code (OC)	Power	Lumen output lm CW	lm NW	lm WW	Efficiency *for 840	Input current	Dimensions AxBxC, mm
RLLADV06000068 CC	6W	780	780	702	130 lm/W	28 mA	600x85x85
RLLADV06000108 CC	10W	1,300	1,300	1,170	130 lm/W	46 mA	600x85x85
RLLADV12000128 CC	12W	1,560	1,560	1,404	130 lm/W	55 mA	1200x85x85
RLLADV12000148 CC	14W	1,820	1,820	1,638	130 lm/W	65 mA	1200x85x85
RLLADV15000188 CC	18W	2,340	2,340	2,106	130 lm/W	83 mA	1500x85x85
RLLADV15000368 CC	36W	4,680	4,680	4,212	130 lm/W	165 mA	1500x85x85
RLLADV15000458 CC	45W	5,850	5,850	5,265	130 lm/W	206 mA	1500x85x85

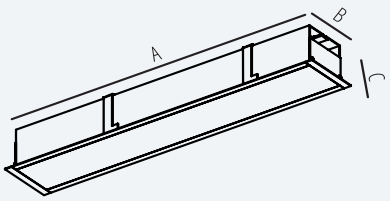
COLOR TEMPERATURE SELECTION

Correlated color temperatures CC			
2700 K	27	Warm White	WW
3000 K	30	Warm White	WW
3500 K	35	Warm White	WW
4000 K	40	Neutral White	NW
4500 K	45	Neutral White	NW
5700 K	57	Cool White	CW
6500 K	65	Cool White	CW



Options and accessories

Suffix to OC	Description
3HR	3 hours battery pack
CBS	Addr.mod.for central battery system
HCL	Human centric lighting
SFC	Surface mounting frame
P66	Optional IP66



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.