



OCTA LIGHT®
 OCTA LIGHT BULGARIA JSC
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NKM Series
 LED Luminaires for cove lighting

GUARANTEE / WARRANTY
 5 years extended guarantee

- HIGHLIGHTS & BENEFITS**
- ▶ Ultra slim linear LED luminaire
 - ▶ Delivered system efficiency of 100 lm/W
 - ▶ Uniform light distribution, ensuring that the entire area is evenly lit without any dark spots
 - ▶ Multiple lengths and luminous power combinations
 - ▶ Available in Cool, Neutral & Warm White Color Temperatures
 - ▶ Made with high-quality materials and built to last
 - ▶ Optional 0-10V and DALI dimming
 - ▶ Wide beam angle designed for maximum coverage for large areas
 - ▶ Excellent for cove lighting and other indoor applications

FEATURES	
Operating voltage	12 V DC or 24 V DC
IP rating	IP20
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, Ra>90 (Optional)
SDCM (MacAdam)	<3
Flicker	<5%
Power factor	>0.95
Emergency version	No
Options and accessories	24V, 12V

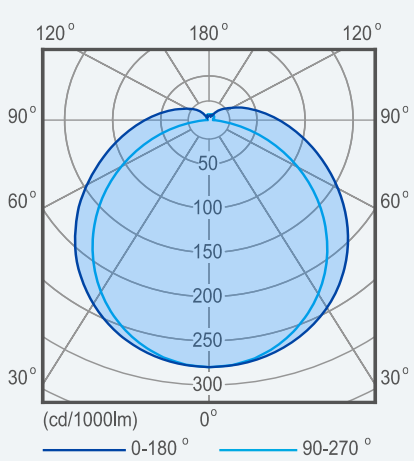
ADDITIONAL INFORMATION	
Type of installation	Surface
Housing material	Aluminum profile
Optical system	UV stabilized PC opal cover
Housing color	Aluminum silver
Operating temperature	-20°C to +45°C
Relative humidity	<90%
Electric class	I

PRODUCT SELECTION

Product order code (OC)	Power	Lumen output			Efficiency *for 840	Input current	Dimensions AxBxC, mm
		lm CW	lm NW	lm WW			
NKM2309010WM8 CC	10W/m	1 000	1 000	900	100 lm/W	46 mA	1000x20x22
NKM2309012WM8 CC	12W/m	1 200	1 200	1 080	100 lm/W	55 mA	1000x20x22
NKM2309016WM8 CC	16W/m	1 600	1 600	1 440	100 lm/W	74 mA	1000x20x22

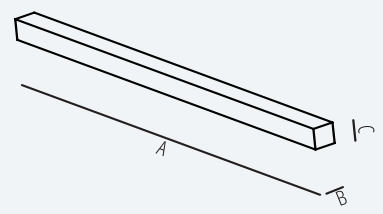
COLOR TEMPERATURE SELECTION

Correlated color temperatures CC		
2700 K	27	Warm White WW
3000 K	30	Warm White WW
4000 K	40	Neutral White NW
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
24V	Input power 24V DC
12V	Input power 12V DC



LED DRIVERS

Standard LED Driver	Premium constant voltage 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.