

LED FLEX NEON



Ocean Silicon Series

DESCRIPTION

Fully extrusion LED flexible neon, IP68 protection, specially in-feed system and end cap design enable a dot-free alignment of numerous fixtures for a homogeneous light line with uninterrupted illumination.

KEY FEATURES

- High output and absolutely homogenous illumination and dot-free light surface.
- Suitable for submersion max 3 m water deep.
- Resistant to water, saltwater, UV radiation, sunlight, and chlorine.
- Offering endless lines of light, the overlap between 2 runs is barely visible, making the light emission over long run lengths.

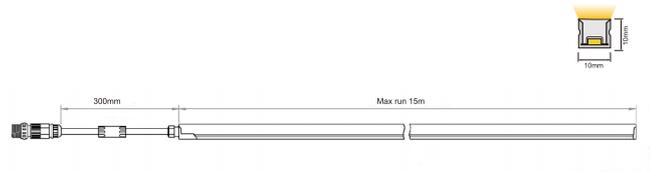
3m
dive water

IP68
protection

3 years
warranty

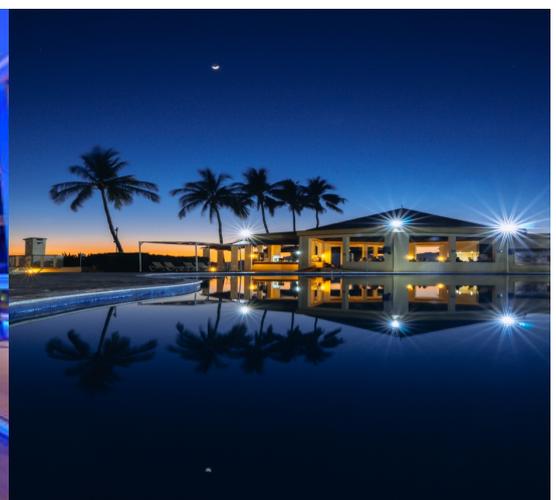
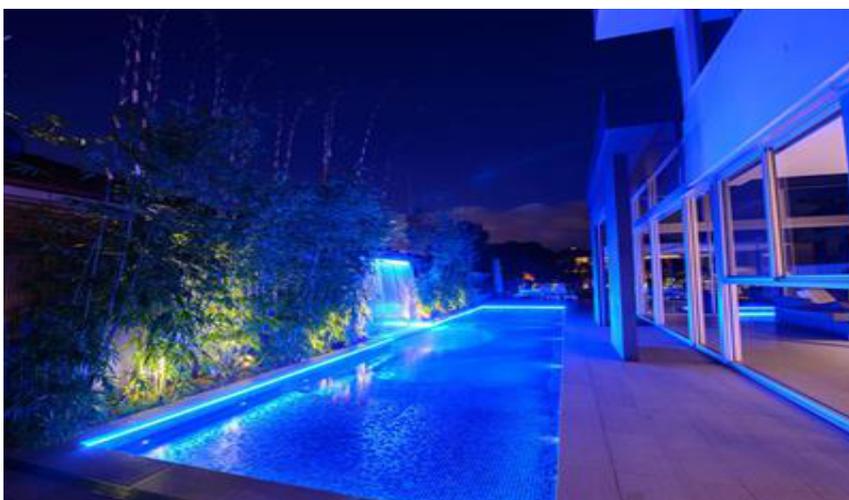


1: 5-year warranty if the neon be used in indoor and outdoor application



APPLICATIONS

- Facade and bridge lighting
- Fountain, SPAs and swimming pools
- Maritime sector and industrial applications
- Decorative lighting and architecture outline
- Contour, border lighting for indoor and outdoor



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SPECIFICATION LOGIC						
FAMILY	POWER W/m	NOMINAL LENGTH	Light Color	INPUT VOLTAGE	CABLE ENTRY	IP RATING
VL-OSI1010-W	6W/m	Minimum length - 41.6mm Maximum length - 15m Increments length - 41.6mm	27K -2700K 30K -3000K 40K -4000K 50K -5000K 65K -6500K	24VDC	FF - Front + Front FX - Front + Closed	IP68

Order example: VL-OSI1010-W-15m-930K-FX

PRODUCT SPECIFICATIONS			
		Standard	
Electrical	Power	6W/m	
	Input Voltage	24VDC	
Physical	Minimum Length	41.6mm	
	Width x Height	10mm x 10mm	
	Body Finish	Premium silicone / white	
	Bend Direction	Vertical (top bending)	
	Bend Radius	50mm	
	Cable Entry Options	Front	
	Fixture Connections	IP68 injection-moulded input and end cap	
Optical	LED Type	2835 LED	
	Control Protocol	0-10V or PWM or Dali	
	Lumen Output	285Lm/m(3000K)	300Lm/m(4000K) 319Lm/m(6500K)
	Efficacy	50Lm/W(CRI90, 4000K)	
Temperature Range	Lumen Maintenance	L70B10@54,000 hours	
	Storage Temperature	-25°Cmin, 60°Cmax	
	Max Ambient Temperature	50°C	
	Min Ambient Temperature	-25°C	

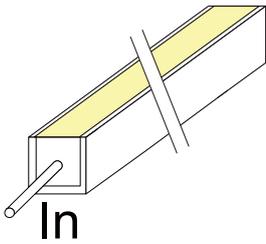
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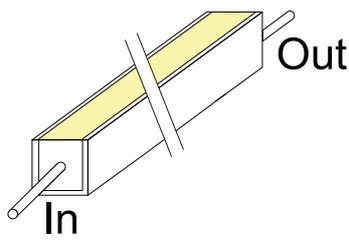


CABLE ENTRY OPTION EXAMPLES

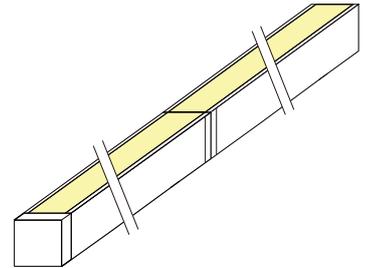
FX-FRONT + CLOSED



FF-FRONT + FRONT

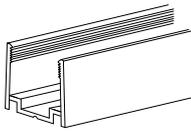


SEAMLESS SPLICING

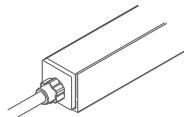


PROFILES AND MOUNTING OPTIONS

FIXED ALUMINUM PROFILE



EXAMPLES OF INSTALLATION



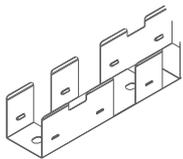
PART NUMBER

1010-FAP-____*MM

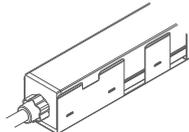
DETAILS

FAP- Fixed aluminum profile

BENDABLE STAINLESS STEEL PROFILE



EXAMPLES OF INSTALLATION



PART NUMBER

1010-BSP-____*MM

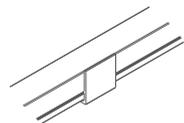
DETAILS

BSP- Bendable stainless steel profile

MOUNTING CLIPS



EXAMPLES OF INSTALLATION



PART NUMBER

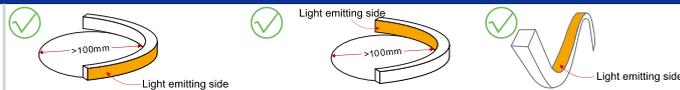
1010-MC

DETAILS

MC- Mounting clips

BENDING INSTRUCTION

Bending in wave form - vertical



DO NOT bend in curve form - horizontal



DO NOT TWIST



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WIRING ELECTRICAL DIAGRAM

MONO

Input by one end

