

# LED FLEX NEON



## Ocean Silicon Series

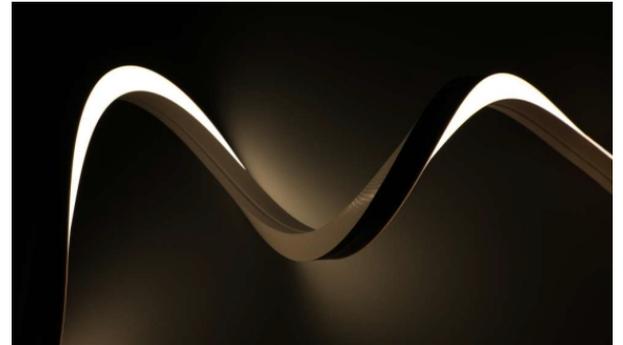
### DESCRIPTION

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.

3m  
dive water

IP68  
protection

3 years  
warranty



### KEY FEATURES

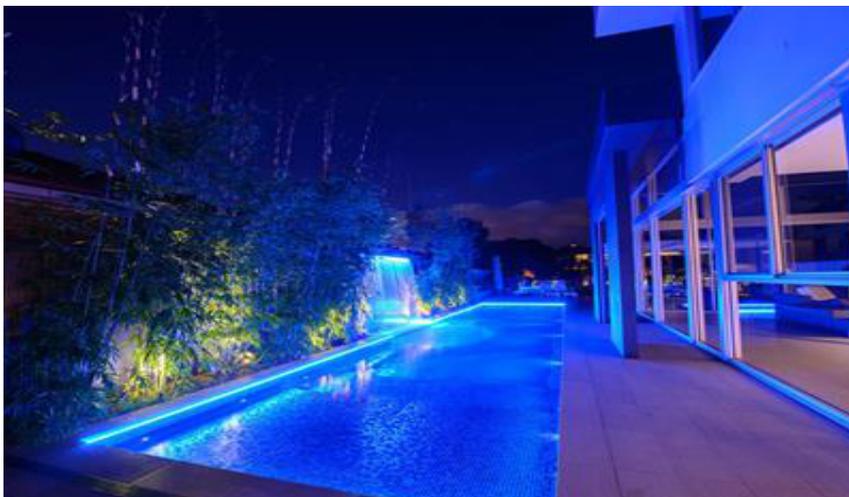
- High output and absolutely homogenous illumination and dot-free light surface.
- Suitable for submersion max 3 m water deep.
- Resistant to water, saltwater, UV radiation, sunlight, and chlorine.
- Offering endless lines of light, the overlap between 2 runs is barely visible, making the light emission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

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 <sup>1</sup>	CCT	INPUT VOLTAGE	CABLE ENTRY	IP RATING
VL-OSI1010-C	12W/m	Minimum length - <b>Free-cut</b> Maximum length - <b>5m</b> Increments length - <b>Free-cut</b>	<b>27K</b> - 2700K <b>30K</b> - 3000K <b>40K</b> - 4000K <b>50K</b> - 5000K <b>65K</b> - 6500K	<b>24VDC</b>	<b>FF</b> - Front + Front <b>SS</b> - Side + Side <b>BB</b> - Bottom + Bottom <b>FX</b> - Front + Closed <b>SX</b> - Side + Closed <b>BX</b> - Bottom + Closed	<b>IP68</b>

Order example: VL-OSI1010-C-5m-930K-FX

PRODUCT SPECIFICATIONS		
		Standard
Electrical	Power	12W/m
	Input Voltage	24VDC
Physical	Minimum Length	Free-cut
	Width x Height	10mm x 10mm
	Body Finish	Premium silicon / white
	Bend Direction	Horizontal (side)
	Bend Radius	150mm
	Cable Entry Options	Front, Side, Bottom
Optical	Fixture Connections	IP68 injection-moulded input and end cap
	LED Type	2835 LED (3-Step MacAdam)
	Control Protocol	0-10V, TRIAC dimming
	Lumen Output	456Lm (@2700K); 480Lm (@3000K); 505Lm (@4000K)
	Efficacy	40Lm/W (CRI90, 3000K)
Temperature Range	Lumen Maintenance	L70 @54,000 hours
	Storage Temperature	-25°Cmin, 60°Cmax
	Max Ambient Temperature	45°C
	Min Ambient Temperature	-25°C

**Note:** Available 0-10V, TRIAC dimming

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### CABLE ENTRY OPTION EXAMPLES

F-FRONT	S-SIDE-LEFT	S-SIDE-RIGHT	B-BOTTOM	SEAMLESS SPLICING
<b>FX</b> 	<b>SLX</b> 	<b>SRX</b> 	<b>BX</b> 	
<b>FF</b> 	<b>SLSL</b> 	<b>SRSR</b> 	<b>BB</b> 	

### PROFILES AND MOUNTING OPTIONS

#### FIXED ALUMINUM PROFILE

	EXAMPLES OF INSTALLATION	PART NUMBER	DETAILS
		<b>1010-FAP-_____MM</b>	<b>FAP</b> - Fixed aluminum profile

#### BENDABLE STAINLESS STEEL PROFILE

	EXAMPLES OF INSTALLATION	PART NUMBER	DETAILS
		<b>1010-BSP-_____MM</b>	<b>BSP</b> - Bendable stainless steel profile

#### MOUNTING CLIPS

	EXAMPLES OF INSTALLATION	PART NUMBER	DETAILS
		<b>1010-MC</b>	<b>MC</b> - Mounting clips

### BENDING INSTRUCTION

<b>Bending in CURE form - horizontal</b>			<b>DO NOT TWIST</b> 
<b>DO NOT bend in wave form - vertical</b>			

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## WIRING ELECTRICAL DIAGRAM

Single color

