

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.

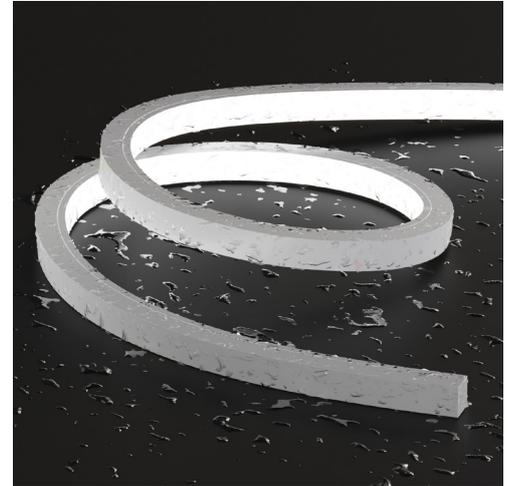
KEY FEATURES

- 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

5 years
warranty

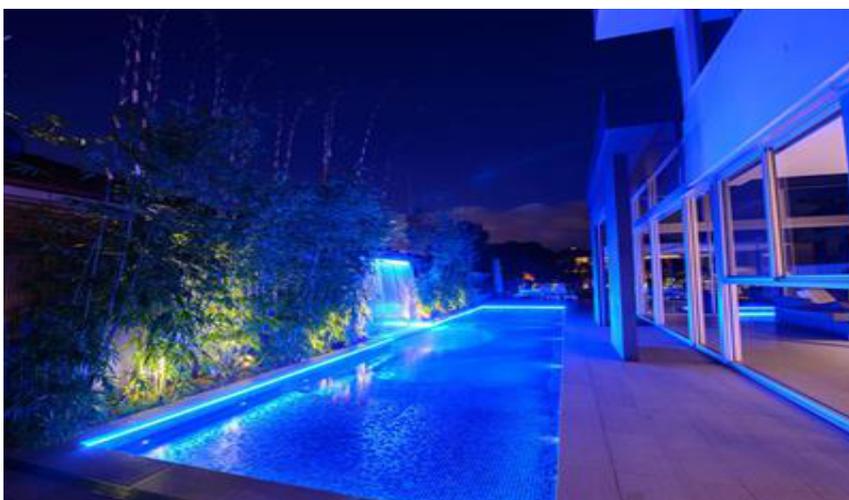


1: 5-year warranty if the neon be used in indoor and outdoor application



APPLICATIONS

- Facade and bridges 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	CCT	INPUT VOLTAGE	CABLE ENTRY	IP RATING
VL-OSI1313-W	12W/m	Minimum length - Free-cut Maximum length - 5m Increments length - Free-cut	27K - 2700K 30K - 3000K 40K - 4000K 50K - 5000K 65K - 6500K	24VDC	FF - Front + Front SS - Side + Side BB - Bottom + Bottom FX - Front + Closed SX - Side + Closed BX - Bottom + Closed	IP68

Order example: VL-OSI1313-W-5m-930K-FX

PRODUCT SPECIFICATIONS		
		Standard
Electrical	Power	12W/m
	Input Voltage	24VDC
Physical	Minimum Length	Free-cut
	Width x Height	13mm x 13mm
	Body Finish	Premium silicon / white
	Bend Direction	Vertical
	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	756Lm (@2700K); 816Lm (@3000K); 876Lm (@4000K)
	Efficacy	73Lm/W (CRI80)
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
FX 	SLX 	SRX 	BX 	
FF 	SLSL 	SRSR 	BB 	

PROFILES AND MOUNTING OPTIONS

FIXED ALUMINUM PROFILE

	EXAMPLES OF INSTALLATION	PART NUMBER	DETAILS
		1313-FAP-_____MM	FAP- Fixed aluminum profile

BENDABLE STAINLESS STEEL PROFILE

	EXAMPLES OF INSTALLATION	PART NUMBER	DETAILS
		1313-BSP-_____MM	BSP- Bendable stainless steel profile

MOUNTING CLIPS

	EXAMPLES OF INSTALLATION	PART NUMBER	DETAILS
		1313-MC	MC- Mounting clips

BENDING INSTRUCTION

Bending in wave form - vertical		Twist
Do not bend in this way, the LED will break immediately.		

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WIRING ELECTRICAL DIAGRAM

Single color

