LED FLEX NEON

Ocean Silicon Series
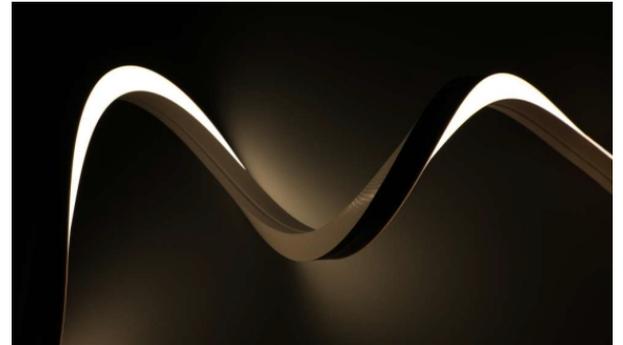
VALS LIGHTING®

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.
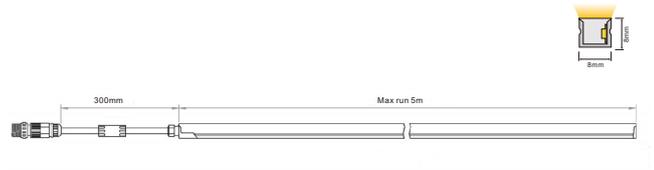
3m dive water

IP68 protection

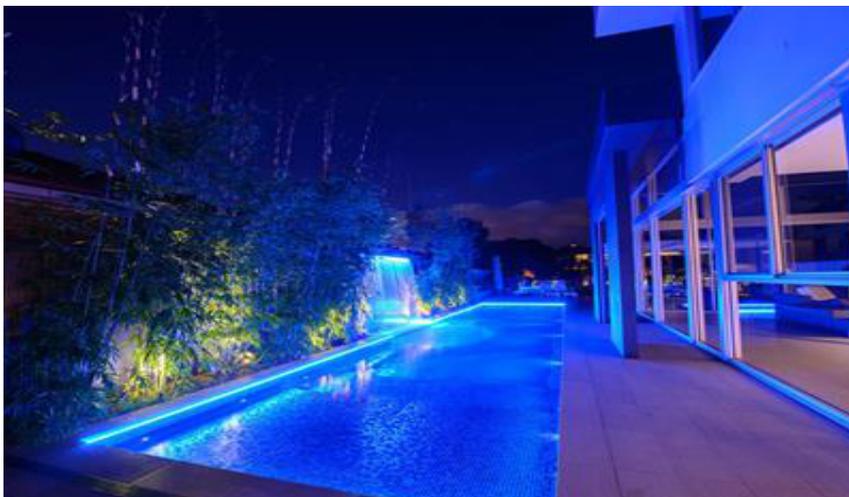**3 years**[1] warranty

KEY FEATURES

- High output and absolutely homogeneous 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 emmision over long run lengths.

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

CE   IP 68   IK06   8mm x 8mm

300mm   Max run 5m

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-OSI0808-C	8W/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-OSI0808-C-5m-930K-FX

PRODUCT SPECIFICATIONS

		MONO
Electrical	Power	8W/m
	Input Voltage	24VDC
Physical	Minimum Length	Free-cut
	Width x Height	8mm x 8mm
	Body Finish	Premium silicone / white
	Bend Direction	Horizontal (side bending)
	Bend Radius	100mm
	Cable Entry Options	Front, Side, Bottom
	Fixture Connections	IP68 injection-moulded input and end cap
Optical	LED Type	2835 LED
	Control Protocol	0-10V or PWM or Dali
	Lumen Output	342Lm/m(3000K) 360Lm/m(4000K) 400Lm/m(6500K)
	Efficacy	45Lm/W(CRI90, 4000K)
	Lumen Maintenance	L70B10@54,000 hours
Temperature Range	Storage Temperature	-25°Cmin, 60°Cmax
	Max Ambient Temperature	50°C
	Min Ambient Temperature	-25°C

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CABLE ENTRY OPTION EXAMPLES

F-FRONT	S-SIDE-LEFT	S-SIDE-RIGHT	B-BOTTOM	SEAMLESS SPLICING
FX In	SLX In	SRX In	BX In	
FF Out In	SLSL Out In	SRSR Out In	BB Out In	

PROFILES AND MOUNTING OPTIONS

FIXED ALUMINUM PROFILE

	EXAMPLES OF INSTALLATION	PART NUMBER	DETAILS
9mm 10mm		0808-FAP-_____*MM	**FAP-** Fixed aluminum profile

BENDABLE STAINLESS STEEL PROFILE

	EXAMPLES OF INSTALLATION	PART NUMBER	DETAILS
9mm		0808-BSP-_____*MM	**BSP-** Bendable stainless steel profile

MOUNTING CLIPS

	EXAMPLES OF INSTALLATION	PART NUMBER	DETAILS
30mm 9mm 10mm		0808-MC	**MC-** Mounting clips

BENDING INSTRUCTION

Bending in CURE form - horizontal	Light emitting side >100mm	Light emitting side >100mm	Light emitting side	**DO NOT TWIST**
DO NOT bend in wave form - vertical	Light emitting side	Light emitting side	Light emitting side	

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WIRING ELECTRICAL DIAGRAM

MONO

Input by one end

Max run.5m

Power Supply

AC 100-240V