LED FLEX NEON

Ocean Silicon Series
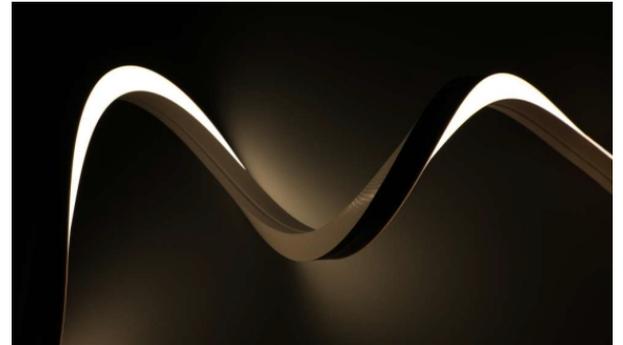
vals LIGHTING®

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.
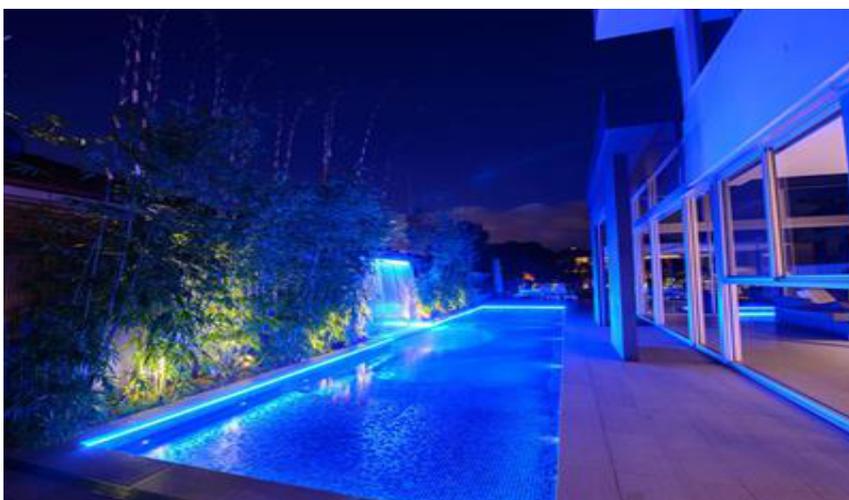
KEY FEATURES

- 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 emmision over long run lengths.

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

3m dive water

IP68 protection

3 years[1] warranty

CE | IP 68 | IK08 | 300mm | Max run 5m

13mm × 13mm

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 [1]	CCT	INPUT VOLTAGE	CABLE ENTRY	IP RATING
VL-OSI1313-C	**10W/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-C-5m-930K-FX

PRODUCT SPECIFICATIONS

		Standard
Electrical	Power	10W/m
	Input Voltage	24VDC
Physical	Minimum Length	Free-cut
	Width x Height	13mm x 13mm
	Body Finish	Premium silicon / white
	Bend Direction	Horizontal (side)
	Bend Radius	150mm
	Cable Entry Options	Front, Side, Bottom
	Fixture Connections	IP68 injection-moulded input and end cap
Optical	LED Type	2835 LED (3-Step MacAdam)
	Control Protocal	0-10V, TRIAC dimming
	Lumen Output	380Lm (@2700K); 400Lm (@3000K); 421Lm (@4000K)
	Efficacy	40Lm/W (CRI90, 3000K)
	Lumen Maintenance	L70 @54,000 hours
Temperature Range	Storage Temperature	-25℃min, 60℃max
	Max Ambient Temperature	45℃
	Min Ambient Temperature	-25℃

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 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
		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 CURE form - horizontal	✓ >150mm Light emitting side	✓ >150mm Light emitting side	✓ 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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Single color

Max run.5m	Max run.5m

Power Supply

AC 100-240V