TECHNICAL DATA SHEET

ZEON OPAL

Zeon Opal 30K TV

ZNO101030KTV1

The ZEON OPAL series 10x10mm Top Flex bending neon light embodies elegance, innovation, and visual comfort. This compact luminaire delivers a smooth and consistent mono color output at 3000K, creating a warm yet professional atmosphere with refined visual quality. With CRI ≥90, it ensures exceptional color accuracy, making it an ideal solution for high-end office environments, premium commercial spaces, and sophisticated corporate interiors.

Its robust IP67 durability guarantees reliable performance, while the side view bending design offers flexibility and creativity in design and installation—perfect for integrating seamless lighting lines into modern architectural concepts.

Our zone of interest is to deliver pure and consistent illumination with superior visual comfort, providing the utmost quality of light for your design intent. What's your zone of interest? Share it with us!

IP67 · CE · RoHS · UL · 1 SDCM · Flame Resistant · CRI 90+ · UV Resistant · Solvent Resistant · Saltwater Resistant

Product Information

Power Consumption	10W/m
Supply Voltage	24V DC
Max Load (Connection In Series)	7m
CRI Rating	≥90
Luminous Flux	1049lm
Lumen Efficacy	104.9 lm/W
Dimensions	10 x 10mm
Color Temperature CCT	3000K
IP Rating	IP67
Bending Radius	R≥50mm
Cut Unit	62.5mm
Bending Direction	Top Flex
Storage Temperature	-30°C to 60°C
Operation Temperature	-25°C to 45°C

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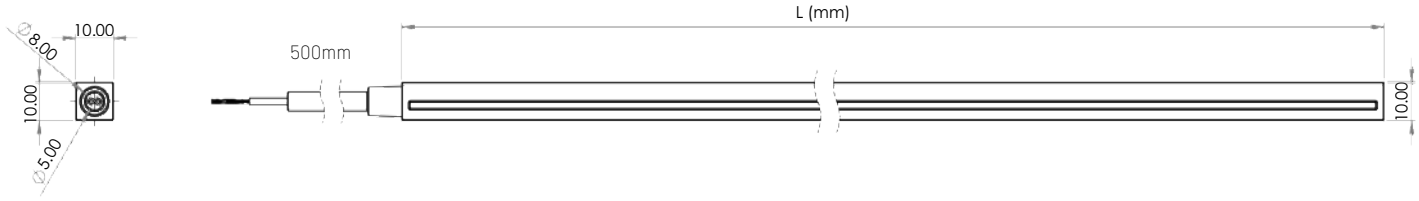
Technical Drawing



L = (N * 62.5mm) + 4mm

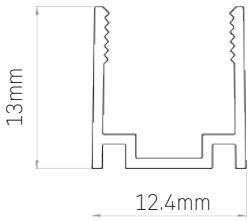
N_{min} = 5
N_{max} = 112

L_{min} = 316.5mm
L_{max} = 5504mm

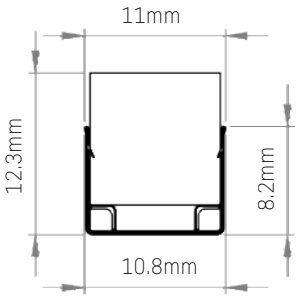
Tolerance +/- 1mm

Mounting Accessories

Aluminium

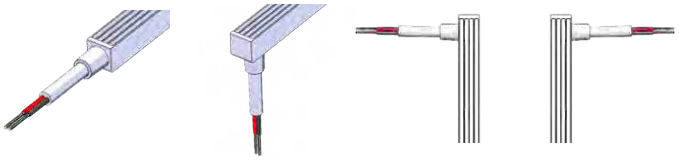


Stainless Steel



Clip	Channel	Clip	Flexi Channel
			
Length: 20mm ZNOA20	Length: 1000mm ZNOA1000 Length: 2000mm ZNOA2000	Length: 30mm ZNOS30	Length: Standard 1000mm Other on request ZNOSFX

Cable Entry



Straight Entry	Bottom Entry	Left Side Entry	Right Side Entry

Photometric Data

Lumen Efficacy

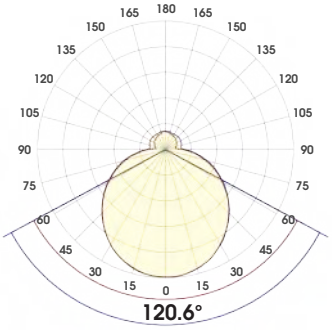
104.9 Lumen/Watt

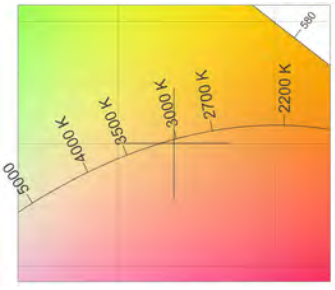
Color Rendering Index

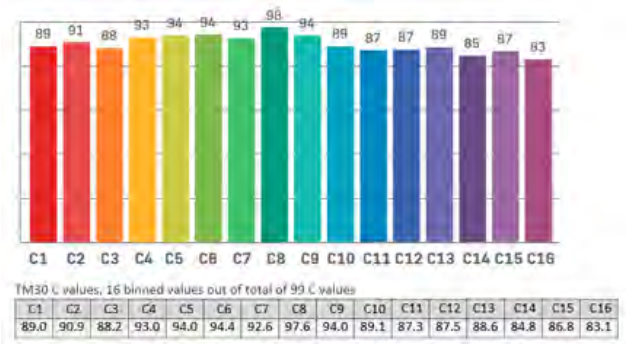
CRI: 93.2

Color Temperature

3009K







TM30 C values, 16 binned values out of total of 99 C values

C1	C2	C3	C4	C5	C6	C7	C8	C9	C10	C11	C12	C13	C14	C15	C16
89.0	90.9	88.2	93.0	94.0	94.4	92.6	97.6	94.0	89.1	87.3	87.5	88.6	84.8	86.8	83.1