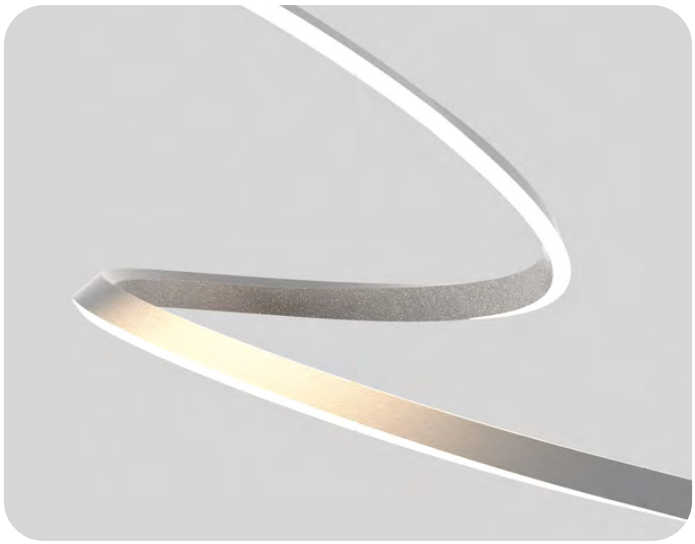
TECHNICAL DATA SHEET

ZEON OPAL

Zeon Opal 30K SV

ZNO051030KSV1

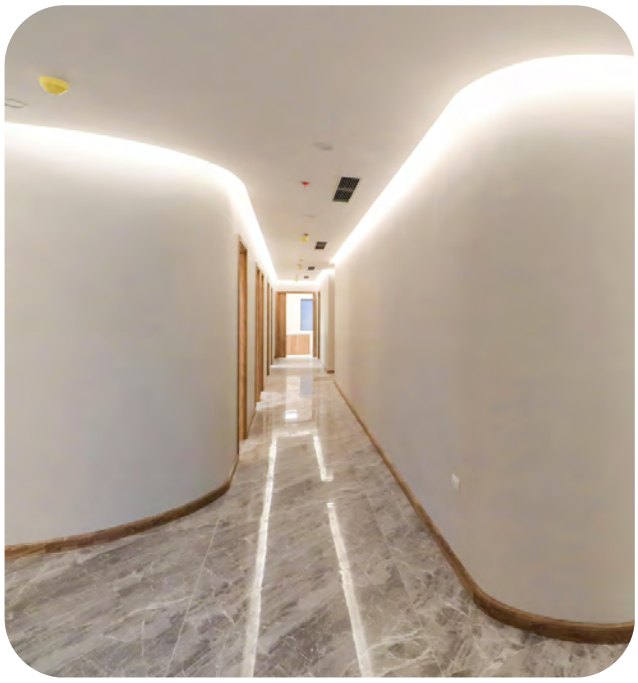


The ZEON OPAL series 5x10mm side view bend neon light embodies elegance, innovation, and visual comfort. This compact luminaire delivers a smooth and consistent mono color output at 3000K, creating a warm and inviting atmosphere with refined visual quality. With CRI ≥90, it ensures exceptional color accuracy, making it perfect for upscale residential, prime commercial, and high-end luxury retail applications.

Its robust IP67 durability guarantees performance in outdoor environments, while the side view bending design offers flexibility and creativity in design and installation.

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 · 3 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)	5.5m
CRI Rating	≥90
Luminous Flux	324lm
Lumen Efficacy	32.4 lm/W
Dimensions	5 x 10mm
Color Temperature CCT	3000K
IP Rating	IP67
Bending Radius	R≥15mm
Cut Unit	50mm
Bending Direction	Side View
Storage Temperature	-30°C to 60°C
Operation Temperature	-25°C to 45°C

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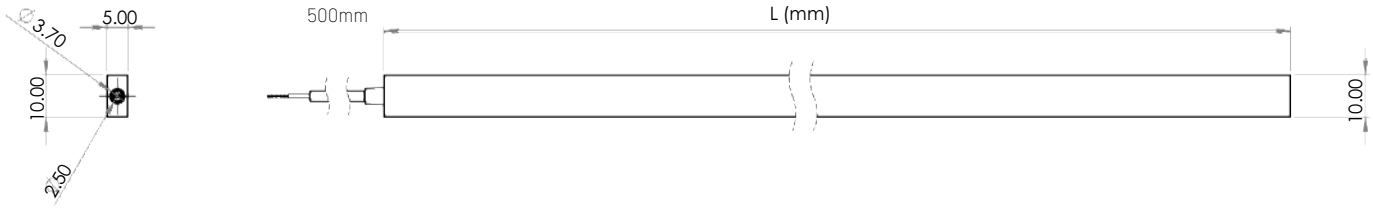
Technical Drawing



L = (N * 50mm) + 4mm

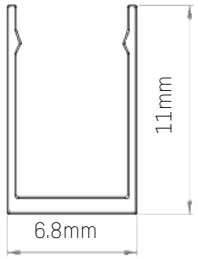
N_{min} = 5
N_{max} = 110

L_{min} = 254mm
L_{max} = 5504mm

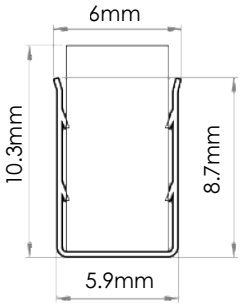
Tolerance +/- 1mm

Mounting Accessories

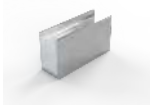
Aluminium



Stainless Steel



Clip



Length:
20mm
ZNO0510A20

Channel

Length: 1000mm
ZNO0510A1000

Length: 2000mm
ZNO0510A2000

Clip

Length:
7mm
ZNOS7

Flexi Channel

Length: Standard 1000mm
Other on request
ZNOSFX

Photometric Data

Lumen Efficacy

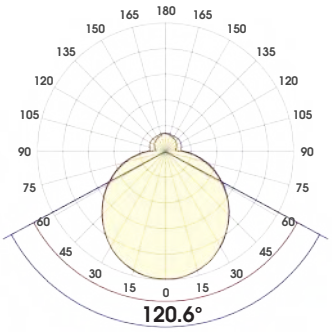
29.8 Lumen/Watt

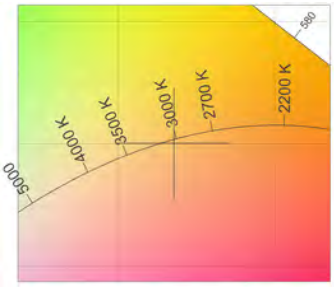
Color Rendering Index

CRI: 92.9

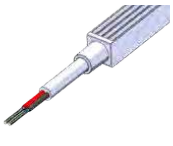
Color Temperature

3008K

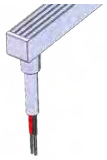




Cable Entry



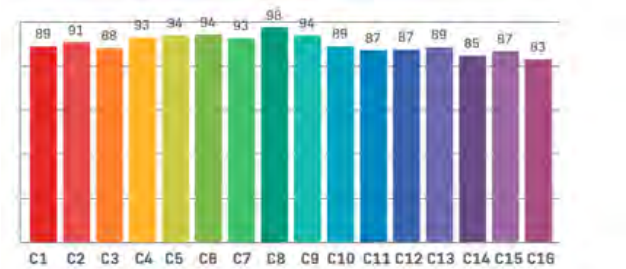
Straight Entry



Bottom Entry

Left Side Entry

Right Side Entry



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