

SL3D-Bend
Diffusion LED Light

Diffusion Lighting BY RJCROSS



The Diffusion SL3D-Bend is a fully 360-degree bendable lighting system designed for curved applications. It includes mounting hardware and offers resistance to saline, acids, alkalis, corrosive gases, and UV rays. Rated for outdoor applications with an IP68 rating, it is submersible up to 9 meters.

Specifications

Wattage	11.52 W/m (3.5 W/ft)
Input Voltage	24V DC
Color Rendering Index (CRI)	91+ CRI
LED Qty	96/m (30/ft)
Lamp Life	50,000 hrs (LM-80)
Dimmable	Yes
Dimming Range	0-100%
Roll Length	Custom cut to order
Cutting Increment	20.83 mm (0.82")
Controls	Forward/Reverse Phase, ELV, TRIAC, 0-10V, DMX
Connections	Copper conductors, 20AWG
Mounting Material	Aluminum clips
Channel Material	Flexible opal channel
Top Bend Diameter	Ø200 mm (7.87 in)
Side Bend Diameter	Ø300 mm (11.81 in)
Max Run Length	20 M Run Lengths
Submersion	Rated for depths up to 9M
Installation Environment	Suitable for indoor and outdoor use
IP Rating	IP68 Rated
Operating Temperature	-20°C to 120°C
Impact Protection	IK10 Rated
UV Resistance	UV Stable
Corrosion Resistance	Saltwater tolerant
Certifications	cULus Listed (E486690)
Warranty	5 Year Warranty
Applications	Gardens, Walkways, Pools, Saunas, Fountains and Water Features

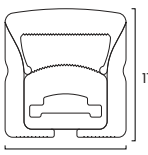
Ordering Information

Ordering Code	Wattage	Voltage	Length	Kelvin	Power Location
SL3D-BEND	XX	24V	XX	XX	XX
	11.52 W/m (3.5 W/ft)		CUSTOM CUT	2700K 3000K 3400K 4100K 5000K	Left Outlet Right Outlet Straight Outlet Bottom Outlet

Lumens

2700K	3000K	3400K	4100K	5000K
456 lm/m (139 lm/ft)	472 lm/m (144 lm/ft)	518 lm/m (158 lm/ft)	553 lm/m (168 lm/ft)	550 lm/m (168 lm/ft)

Diagram

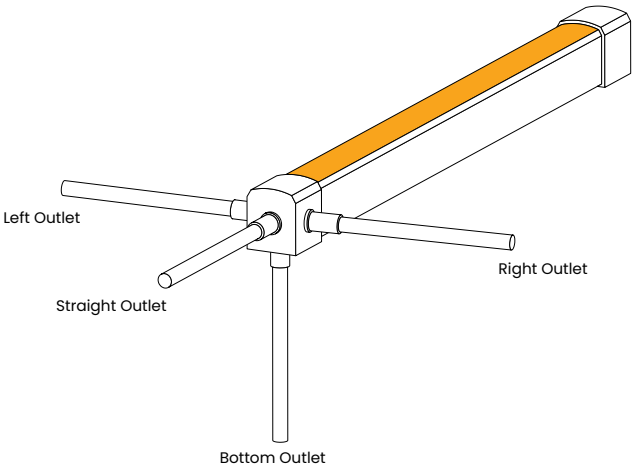


IK10 RATED · HIGH CRI · IP68 RATED · 5 YEAR WARRANTY · DIMMABLE

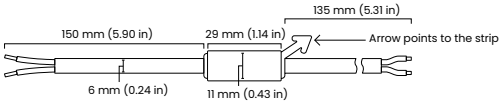
LONG LIFE · UV STABLE · SALT WATER RESISTANT · SOLVENTS RESISTANT · cULus LISTED E486690

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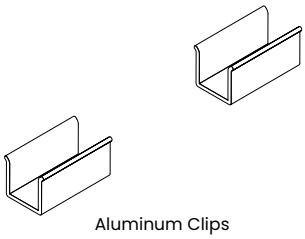
End Cap Outlet Direction

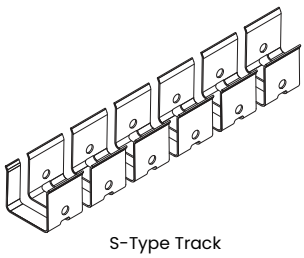


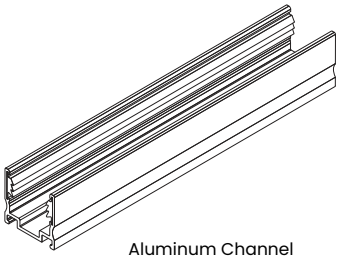
Wire With Anti-wicking Ferrule Diagram

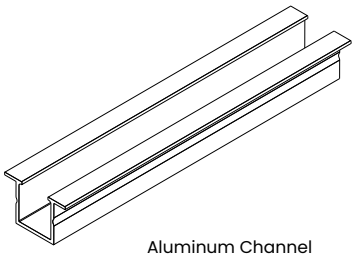


Channel Options

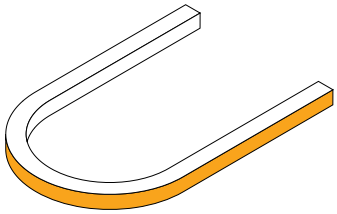

Aluminum Clips


S-Type Track

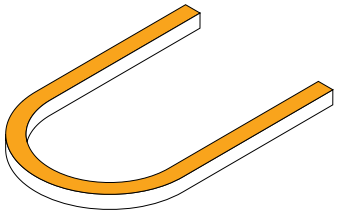

Aluminum Channel


Aluminum Channel (With Wings)

Bend Radius



Top Bending Diameter
Ø200 mm (7.87 in)



Side Bending Diameter
Ø300 mm (11.81 in)