



OS13D

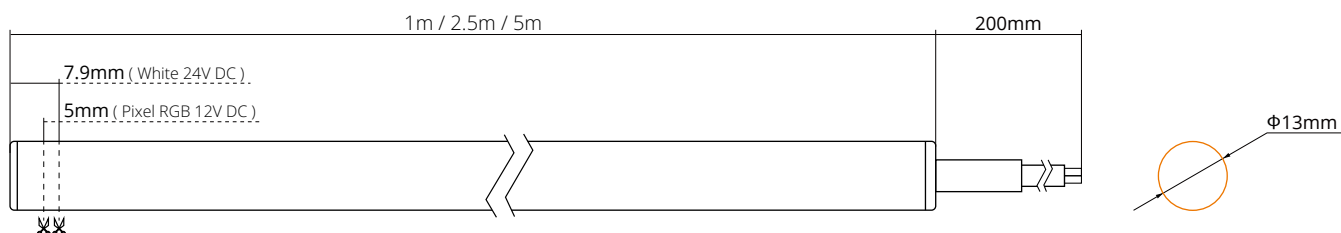
360° | Ø13mm | Omni 360° | IP65



Electrical & Mechanical Technical Data

Bend	360°
Process	Tube
Finishing	Matt / Glossy
Diffuser shape	Omni 360°
IP Rating	IP65
Cable Entry	Top
Size	Ø13mm
Length	1m / 2.5m / 5m
CCT/Color Option	White / Pixel RGB
CRI	Ra80+, Ra90+, Ra95+
Power	9.6W/m 15W/m
Voltage	24V DC / 12V DC
Dimming Protocol	PWM, TRIAC, 0-10V, DALI
Lifetime	30,000Hrs
Warranty	3 years
Photometric	360° beam angle
Bend Radius	R>60mm
Temperature	Tc max <75°C (167°F)
Operating Temp.	-25°C...+50°C (-13°F...122°F)
Weight	1.16 kg (5000mm)
Mounting	Please refer to page 5 for details of installation

Dimensions



* For specific cutting dimensions of different product series, please refer to the Light Technical Data.

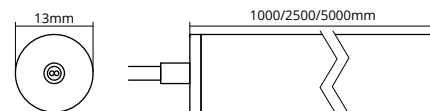
Light Technical Data

Type	Power	Product Code	CCT/Color	CRI	Voltage	Cut Length	Lumen
White Ra90+	9.6W/m	LO-OS13D-2790-24-096	2700K	Ra90+	24VDC	7.9mm	625Lm/m
		LO-OS13D-3090-24-096	3000K	Ra90+	24VDC	7.9mm	653Lm/m
		LO-OS13D-3590-24-096	3500K	Ra90+	24VDC	7.9mm	689Lm/m
		LO-OS13D-4090-24-096	4000K	Ra90+	24VDC	7.9mm	724Lm/m
		LO-OS13D-5090-24-096	5000K	Ra90+	24VDC	7.9mm	734Lm/m
		LO-OS13D-5790-24-096	5700K	Ra90+	24VDC	7.9mm	746Lm/m
Pixel RGB SPI 200Pixels/m	15W/m 12V DC	LO-OS13D-RGB-12-3C-150	RGB WS2812	-	12VDC	5mm	405Lm/m
			R				76Lm/m
			G				272Lm/m
			B				69Lm/m

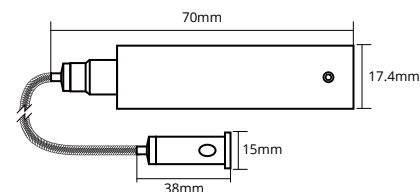
Mounting

**1.D13(Top)**

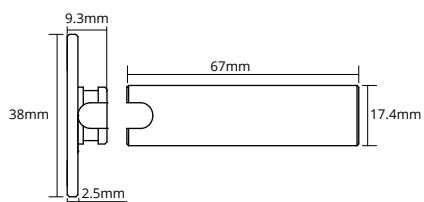
Length: L1000/2500/5000mm
Diameter: Ø13mm
Material: Silicone

**3.Vertical lifting**

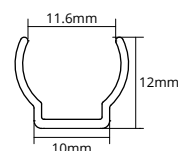
Length: L70mm
Diameter: Ø17.4mm
Material: Aluminium

**4.Vertical ceiling**

Length: L69.5mm
Diameter: Ø17.4mm
Material: Aluminium

**5.PC carrier**

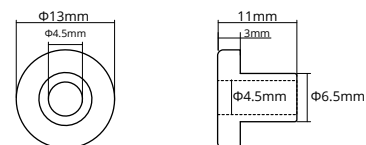
Length: L25/1000mm
Section size: W18.9xH17.5mm
Material: Clear Polycarbonate



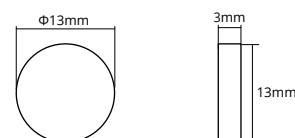
Sealed Caps

**Straight Entry Cable Cap**

Length: L11mm
Diameter: Ø13mm
Material: Silicone

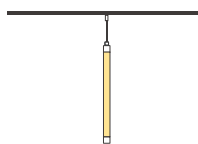
**End Cap**

Length: L3mm
Diameter: Ø13mm
Material: Silicone

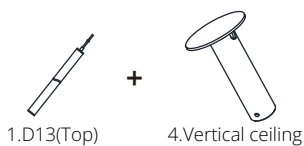
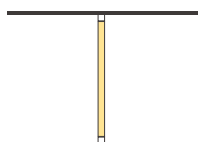


Instructions

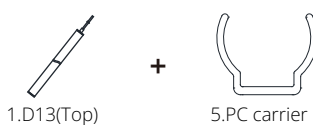
Vertical Suspended



Vertical Ceiling-Single



Surface Mounted



Connectors & Wires



Silicone Wire

- ② 2PIN 20AWG wire, $\Phi=6\text{mm}$, $L=200\text{mm}$, 300V, $-60^{\circ}\text{C}\sim 200^{\circ}\text{C}$, V-0
- ③ 3PIN 20AWG wire, $\Phi=6\text{mm}$, $L=200\text{mm}$, 300V, $-60^{\circ}\text{C}\sim 200^{\circ}\text{C}$, V-0
- ④ 4PIN 20AWG wire, $\Phi=6\text{mm}$, $L=200\text{mm}$, 300V, $-60^{\circ}\text{C}\sim 200^{\circ}\text{C}$, V-0
- ⑤ 5PIN 22AWG wire, $\Phi=6\text{mm}$, $L=200\text{mm}$, 300V, $-60^{\circ}\text{C}\sim 200^{\circ}\text{C}$, V-0



IP68 Waterproof Connector(M20)

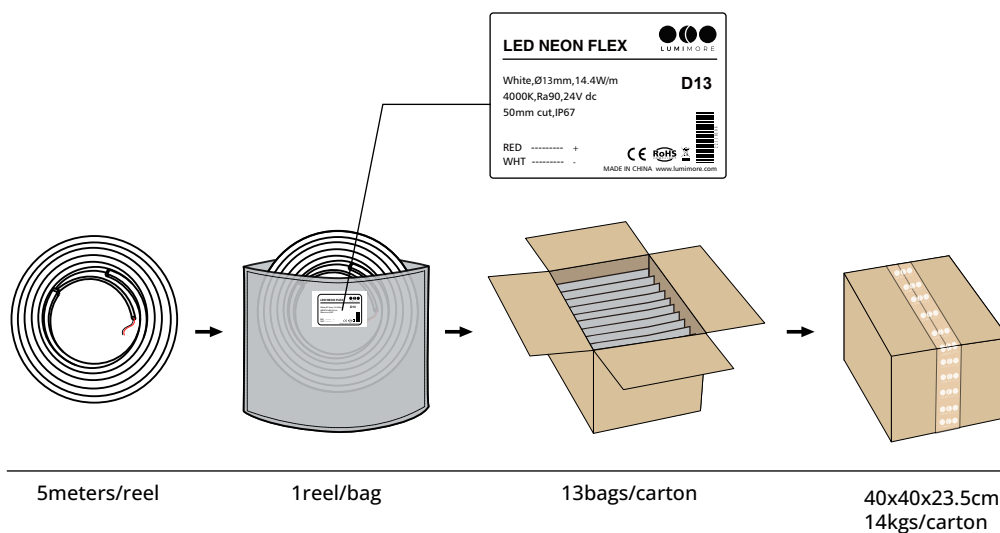
- ② 2PIN screw crimping, 500V, $-25^{\circ}\text{C}\sim 105^{\circ}\text{C}$, V-0
- ③ 3PIN screw crimping, 500V, $-25^{\circ}\text{C}\sim 105^{\circ}\text{C}$, V-0
- ④ 4PIN screw crimping, 500V, $-25^{\circ}\text{C}\sim 105^{\circ}\text{C}$, V-0
- ⑤ 5PIN screw crimping, 500V, $-25^{\circ}\text{C}\sim 105^{\circ}\text{C}$, V-0



IP66 Waterproof Connector With Wire(M12)

- ② 2PIN 20AWG wire, $\Phi=6\text{mm}$, $L=200\text{mm}$, 300V, $-25^{\circ}\text{C}\sim 105^{\circ}\text{C}$, V-0
- ③ 3PIN 20AWG wire, $\Phi=6\text{mm}$, $L=200\text{mm}$, 300V, $-25^{\circ}\text{C}\sim 105^{\circ}\text{C}$, V-0
- ④ 4PIN 20AWG wire, $\Phi=6\text{mm}$, $L=200\text{mm}$, 300V, $-25^{\circ}\text{C}\sim 105^{\circ}\text{C}$, V-0
- ⑤ 5PIN 22AWG wire, $\Phi=6\text{mm}$, $L=200\text{mm}$, 300V, $-25^{\circ}\text{C}\sim 105^{\circ}\text{C}$, V-0

Packing



Warning



- Product installation must be carried out by a qualified professional.
- Before installing make sure, that electrical power is turned OFF.
- Before installing make sure, that the fixing area can bear the total weight of the luminaire.
- Pay attention to polarity when connecting (installing) the product.
- Do not operate if the luminaire has been damaged.
- To protect the surface from dirt and fingerprints, we recommend the use of protective gloves during installation.
- Product warranty does not cover any damage caused by faulty installation and/or misuse.
- For further information, please contact the manufacturer.