



OE2020F

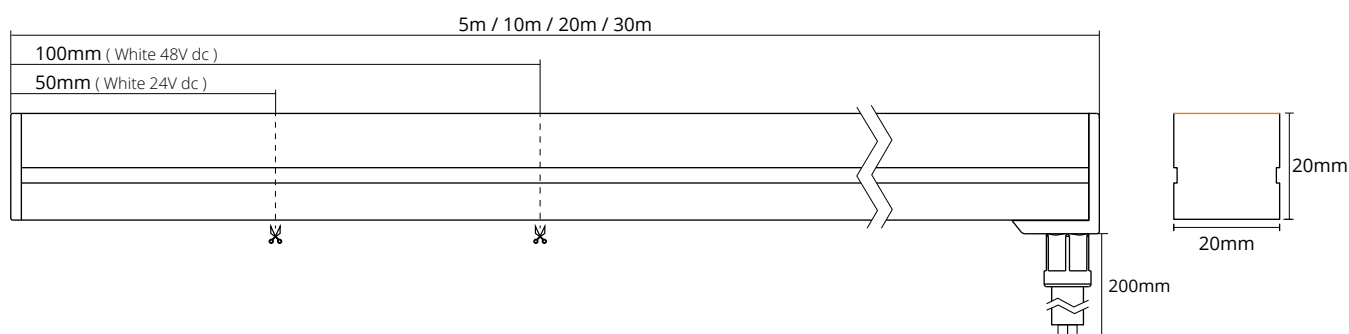
3D | 20*20mm | 120° | Flat | IP67



Electrical & Mechanical Technical Data

Bend	3D
Process	Extrusion
Finishing	Matt / Glossy
Diffuser shape	Flat
IP Rating	IP67
Cable Entry	Bottom
Size	20*20mm
Length	5m / 10m / 20m / 30m
CCT/Color Option	White
CRI	Ra80+, Ra90+, Ra95+
Power	9.6W/m 14.4W/m
Voltage	24V DC / 48V DC
Dimming Protocol	PWM, TRIAC, 0-10V, DALI
Lifetime	L70B50 50.000h
Photometric	120° beam angle
Bend Radius	Top bending R>140mm , Side bending R>100mm
Temperature	Tc max <75°C (167°F)
Operating Temp.	-25°C...+50°C (-13°F...122°F)
Weight	1.16 kg (5000mm)
Mounting	VHB Adhesive / Bracket / Channel

Dimensions

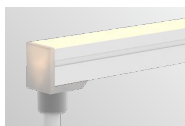


* For specific cutting dimensions of different product series, please refer to the Light Technical Data.

Light Technical Data

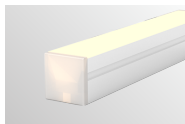
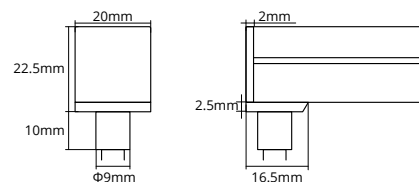
Type	Product Code	CCT/Color	CRI	Voltage	Cut Length	Lumen
White Ra90+ 	LO-OE2020F-2790-24-096	2700K	Ra90+	24VDC	50mm	479Lm/m
	LO-OE2020F-3090-24-096	3000K	Ra90+	24VDC	50mm	504Lm/m
	LO-OE2020F-3590-24-096	3500K	Ra90+	24VDC	50mm	534Lm/m
	LO-OE2020F-4090-24-096	4000K	Ra90+	24VDC	50mm	584Lm/m
	LO-OE2020F-5090-24-096	5000K	Ra90+	24VDC	50mm	596Lm/m
	LO-OE2020F-5790-24-096	5700K	Ra90+	24VDC	50mm	610Lm/m
	9.6W/m					
	LO-OE2020F-2790-24-144	2700K	Ra90+	24VDC	50mm	711Lm/m
	LO-OE2020F-3090-24-144	3000K	Ra90+	24VDC	50mm	756Lm/m
	LO-OE2020F-3590-24-144	3500K	Ra90+	24VDC	50mm	801Lm/m
	LO-OE2020F-4090-24-144	4000K	Ra90+	24VDC	50mm	876Lm/m
	LO-OE2020F-5090-24-144	5000K	Ra90+	24VDC	50mm	888Lm/m
	LO-OE2020F-5790-24-144	5700K	Ra90+	24VDC	50mm	900Lm/m
	14.4W/m					
	LO-OE2020F-2790-48-144	2700K	Ra90+	48VDC	100mm	673Lm/m
	LO-OE2020F-3090-48-144	3000K	Ra90+	48VDC	100mm	700Lm/m
	LO-OE2020F-3590-48-144	3500K	Ra90+	48VDC	100mm	748Lm/m
	LO-OE2020F-4090-48-144	4000K	Ra90+	48VDC	100mm	823Lm/m
	LO-OE2020F-5090-48-144	5000K	Ra90+	48VDC	100mm	836Lm/m
	LO-OE2020F-5790-48-144	5700K	Ra90+	48VDC	100mm	844Lm/m
14.4W/m 48VDC						

Molding Cable Directions



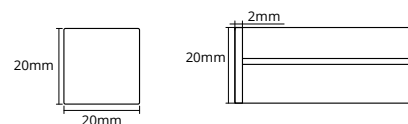
Bottom Entry (IP67)

Dimensions: 20x22.5mm
Material: Silicone



End Cap (IP67)

Dimensions: 20x20mm
Material: Silicone

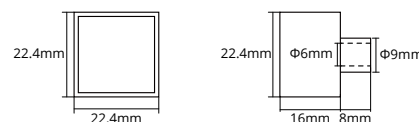


Sealed Caps



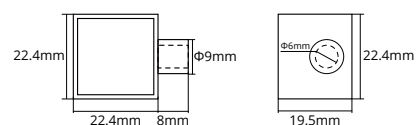
Straight Entry Cable Cap

Dimensions: L16xW22.4xH22.4mm
Material: Translucent silicone



Side Entry Cable Cap

Dimensions: L19.5xW22.4xH22.4mm
Material: Translucent silicone

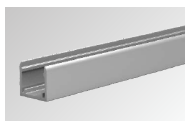


No Hole End Cap

Dimensions: L16xW22.4xH22.4mm
Material: Translucent silicone

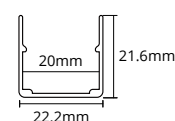


Mounting



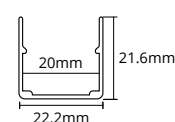
Aluminum Mounting Channel

Length: L1000mm
Section size: W22.2xH21.6mm
Screw hole: Two hole, Φ 4mm
Material: Aluminium



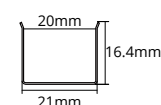
Aluminum Bracket

Length: L30mm
Section size: W22.2xH21.6mm
Screw hole: one hole, Φ 4mm
Material: Aluminium



Bendable profile

Length: L1000mm
Section size: W21xH16.4mm
Material: Stainless steel



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)

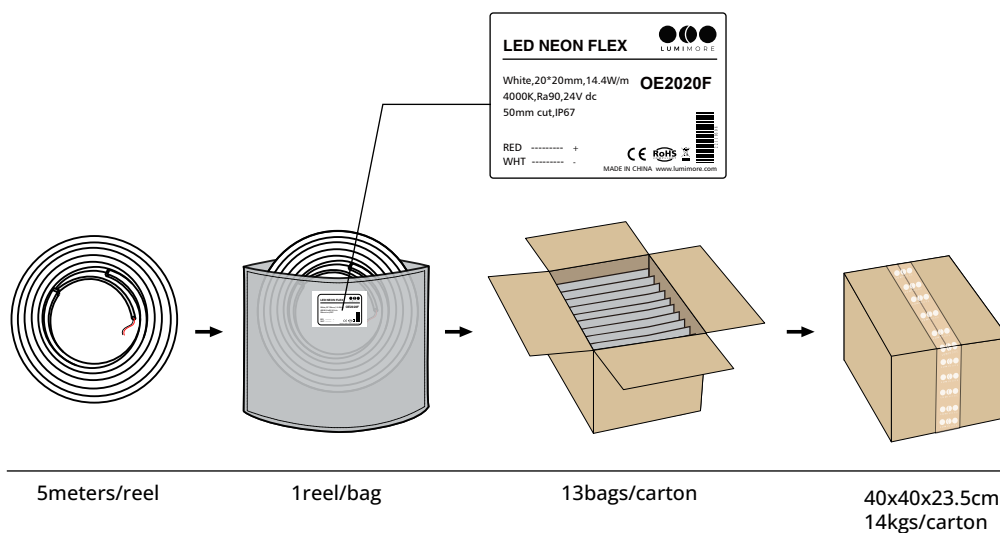
- ② 2PIN screw crimping, 500V, $-25^{\circ}\text{C}\sim 105^{\circ}\text{C}$, V-0
- ③ 3PIN screw crimping, 500V, $-25^{\circ}\text{C}\sim 105^{\circ}\text{C}$, V-0
- ④ 4PIN screw crimping, 500V, $-25^{\circ}\text{C}\sim 105^{\circ}\text{C}$, V-0
- ⑤ 5PIN screw crimping, 500V, $-25^{\circ}\text{C}\sim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