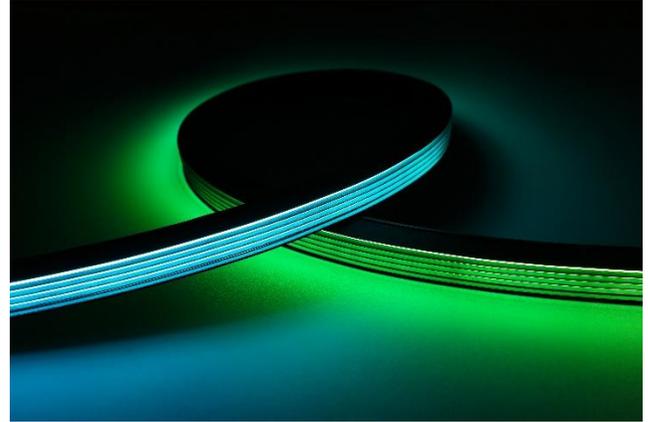


## Neon 3D 1616 Black Louvre IP67



### General Information

Flexible LED strip in UV, chlorine, saltwater, solvent and heat-resistant special silicone for indoor and outdoor use  
IP67 (Standard)

Black/Black

IK06

2700k, 3000k, 3500k, 4000k, Tunable White, RGB, SPI RGB Pixelated (Finished CCT)

14w/m

Free Cutting or 50mm increments 450 lumens per m

CRI >90

Width 16mm x Height 16mm

Bending diameter: Top Bend 200mm, Side Bend 280mm, Twist Max 360° per 1m

Max Single length 5m, in-feeder connector and an end cap as provided

Customized length with sealed connectors on request.

Constant light output and extended lifetime due to an integrated constant current source on the circuit board.

### Electrical & output data

Input Voltage 24 Volt DC Constant Voltage (23 V min, 25 V max)

Working Temperature range: -20 to +45°C

Storage temperature Ts min = 0°C, Ts max = 60°C

Dimmable – Mains (Triac), 0-10v, Dali, DMX

Protected against electrostatic discharge +/- 2,000 V

### Lifetime and Warranty (See full Architectural FX total system warranty for more detail)

Lifespan L70 50,000 hours Outdoor 50,000hrs Indoor

Product availability lifetime – 3 years from last order

End of Lifetime guarantee 5 years

The above data are typical values. Due to tolerances in the production process and electrical components,

Values for light output and electrical power can vary up to 10%.



Maximum bending diameter 300mm  
 Maximum Twist 360°  
 (See Installation manual for more detail)



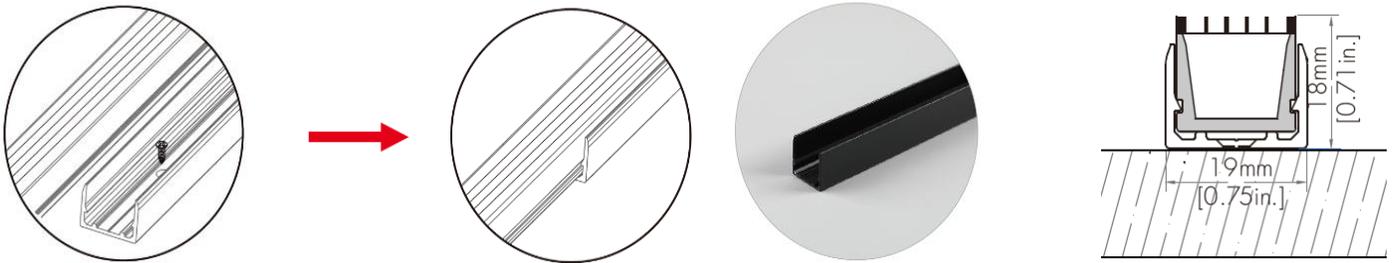
Generic Product	Product Type	Bend Orientation	Colour (Finished CCT)	w/m	Lumen per m
Neon	3D 1616 Louvre	All (Side, Top, Twist)	2700k	14w	405
Neon	3D 1616 Louvre	All (Side, Top, Twist)	3000k	14w	427
Neon	3D 1616 Louvre	All (Side, Top, Twist)	3500k	14w	436
Neon	3D 1616 Louvre	All (Side, Top, Twist)	4000k	14w	450
Neon	3D 1616 Louvre	All (Side, Top, Twist)	5000k	14w	450
Neon	3D 1616 Louvre	All (Side, Top, Twist)	6000k	14w	450
Neon	3D 1616 Louvre	All (Side, Top, Twist)	Tunable White 2700 - 6000k	14w	450 (100%)
Neon	3D 1616 Louvre	All (Side, Top, Twist)	RGB	14w	190
Neon	3D 1616 Louvre	All (Side, Top, Twist)	SPI RGB (Pixelated) 20x Pixels p/m	11w	150

**Example:**

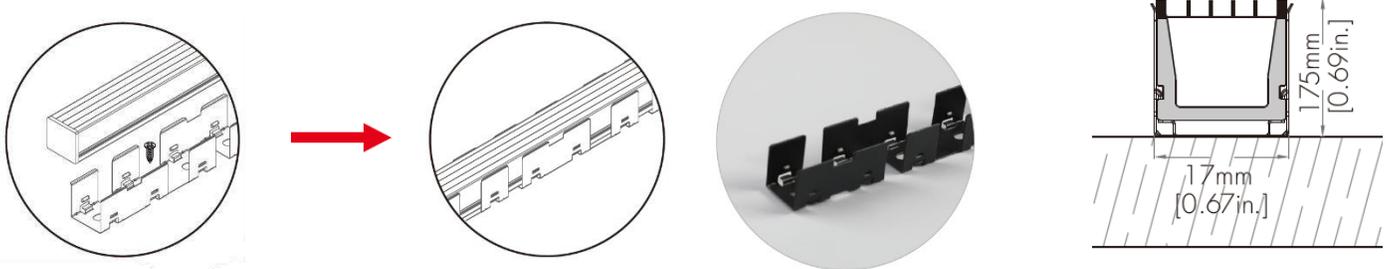
**Neon 3D 1616 Louvre 2700k 14w IP67 (Custom length to suit project to be advised)**

**Mounting and connecting accessories**

**Aluminium mounting profile 2000mm or mounting clip 50mm**



**Flexible mounting profile Top or Side Bend or 3D 500mm**



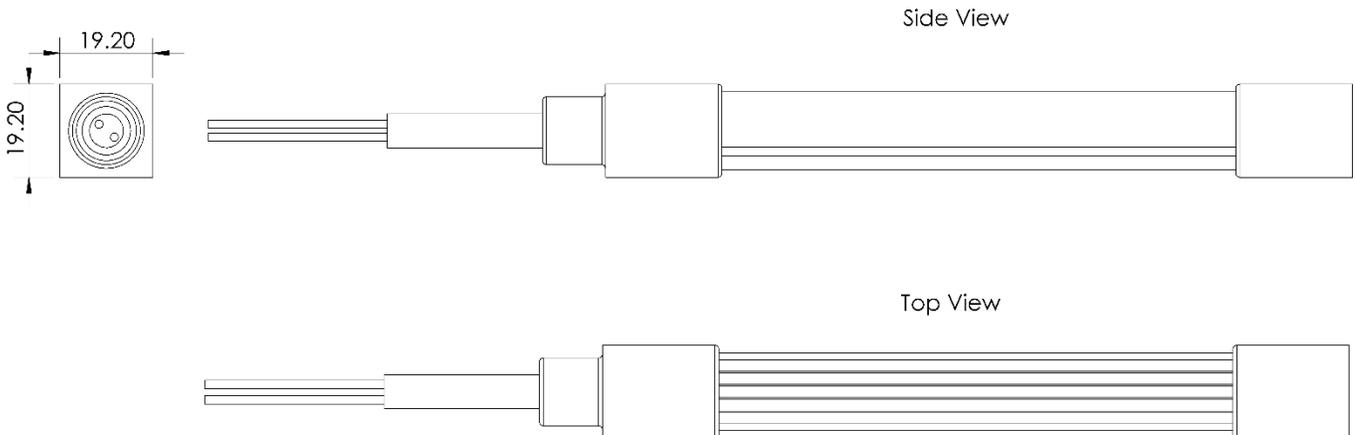
**Note: All mounting accessories Standard Colour Black**

Mounting Accessory	Cable Entry
MP - Mounting Profile	End (Standard)
MC - Mounting Clip	Side
FMP - Flexible Mounting Profile	Top/Bottom

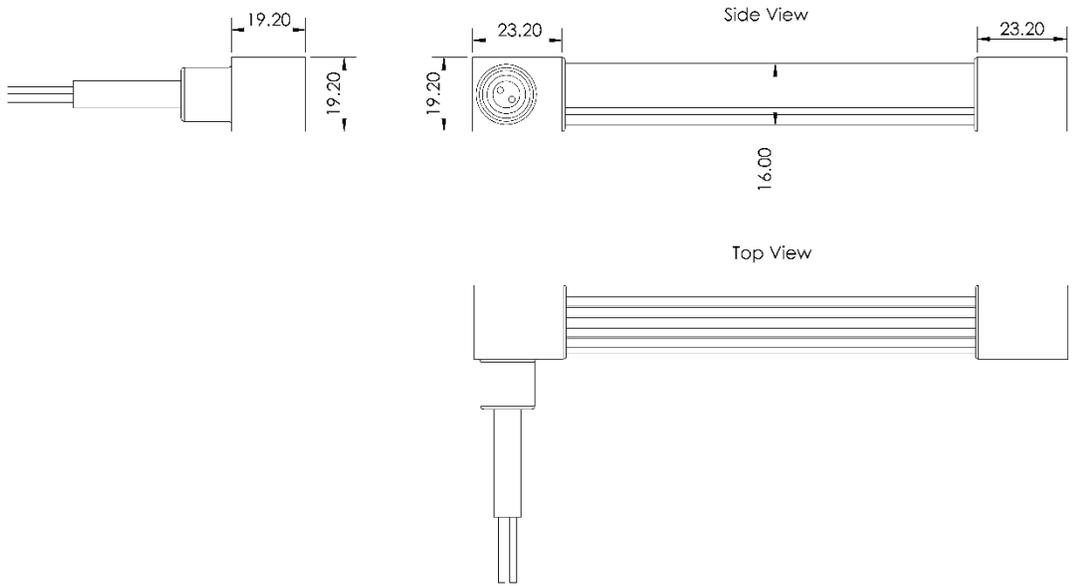
**Product code example:**

**Neon 3D 1616 Louvre 2700k 14w FMP IP67 (Custom length to suit project to be advised)**

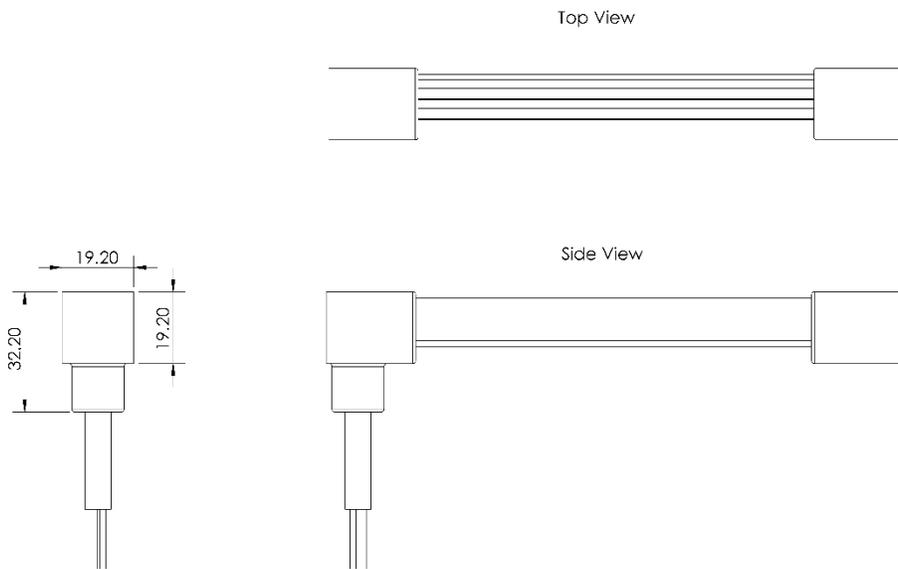
Covered endcap – sealed by gluing process – Straight Cable Exit



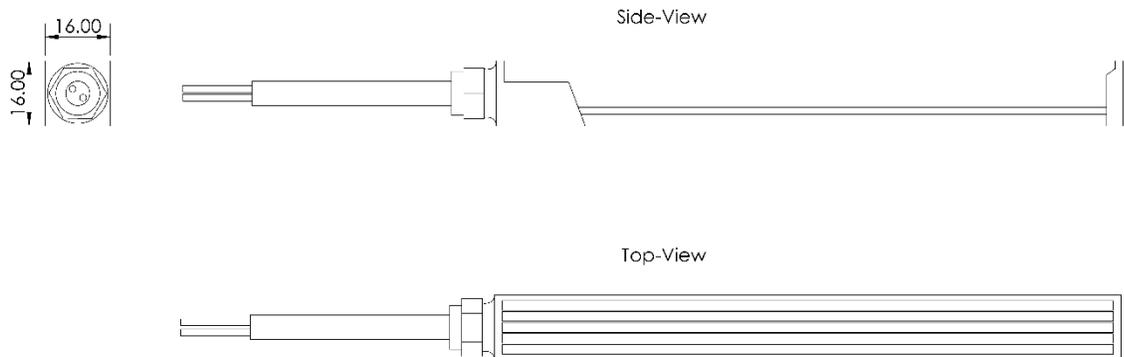
Covered endcap – sealed by gluing process – Side Cable Exit



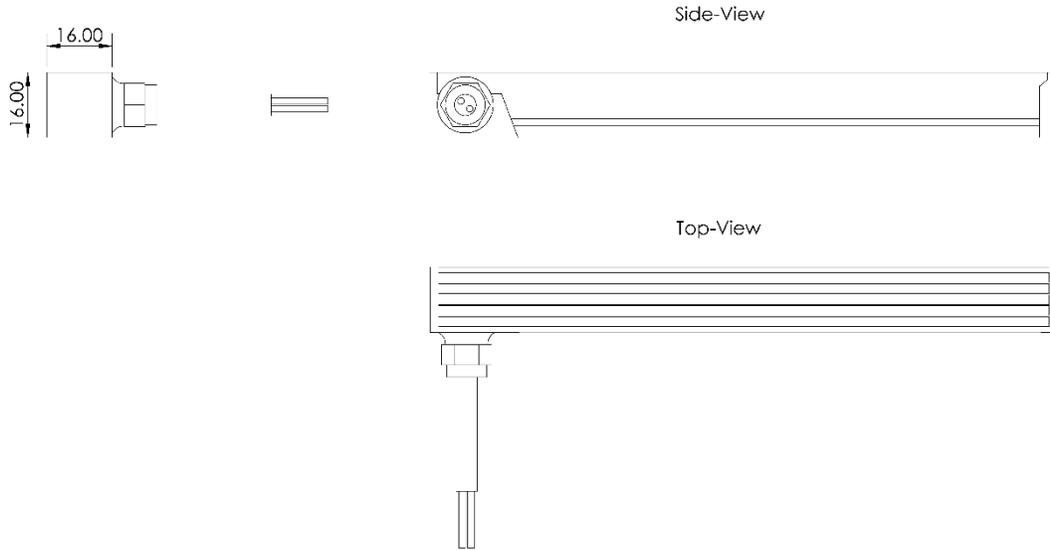
Covered endcap – sealed by gluing process – Rear Cable Exit



Factory Moulded – Straight Cable exit



**Factory Moulded – Side Cable exit**



**Factory Moulded – Rear Cable exit**

