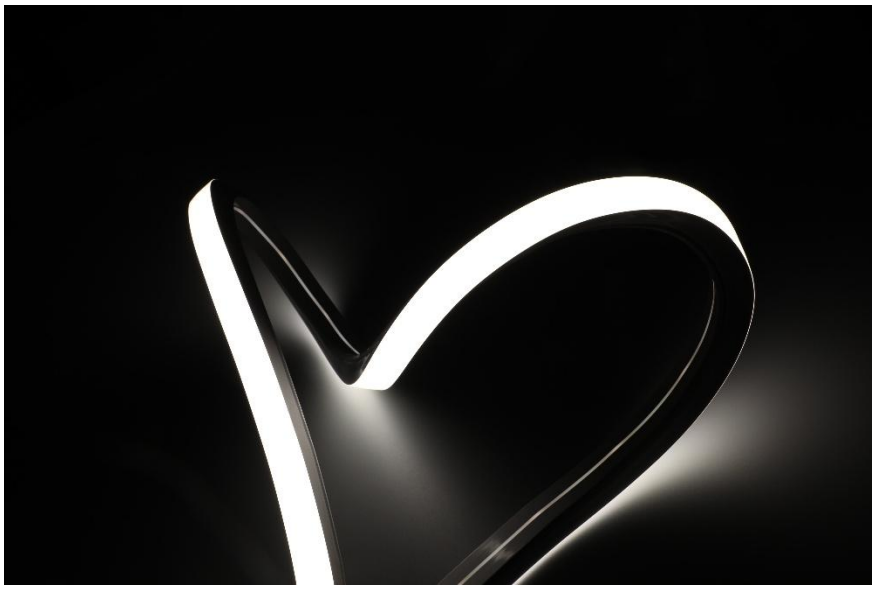
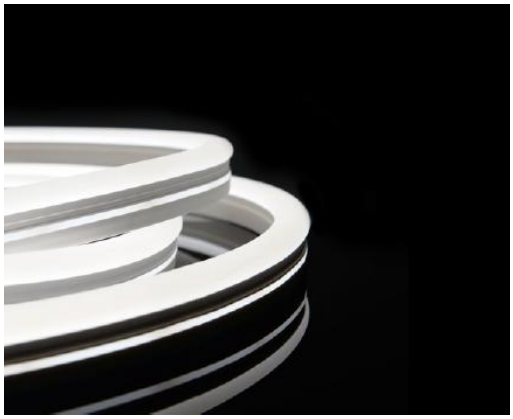
ARCHITECTURAL FX

Technicians of Light

Neon 3D 1616 Nature IP67







FROGS AND TOADS

Glare from artificial lights can impact wetland habitats that are home to amphibians, such as frogs and toads, whose nighttime croaking is part of the breeding ritual. Artificial lights disrupt this nocturnal activity and interfere with reproduction, which reduces populations.

BIRDS

Birds that migrate or hunt at night navigate by moonlight and starlight. Artificial lights can cause them to wander off course towards dangerous nighttime landscapes of cities. Every year millions of birds die colliding with needlessly illuminated buildings and towers.

CORAL

More than 130 different species of coral on the Great Barrier Reef spawn new life by moonlight. Bright urban lights can mask the moon's phases, throwing the corals' biological clocks out of sync.

SEA TURTLES

Sea turtles live in the ocean but hatch at night on the beach. Hatchlings find the sea by detecting the bright horizon over the ocean. Artificial lights draw them away from the ocean. In Florida alone, millions of hatchlings die this way every year.

General Product Information

Wildlife-friendly turtle-safe linear lighting for the beach-front property and coastline
Flexible LED strip in UV, chlorine, saltwater, solvent and heat-resistant special silicone for indoor- and outdoor use
IP67 (Standard)
14w per m
Single Colour Yellow, Red (Finished CCT)
50mm Increments
Width 16mm x Height 16mm
Bending diameter: 300mm
Twist 360° per 1000mm
Max Single length 5m in-feeder connector and an end cap as agreed
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

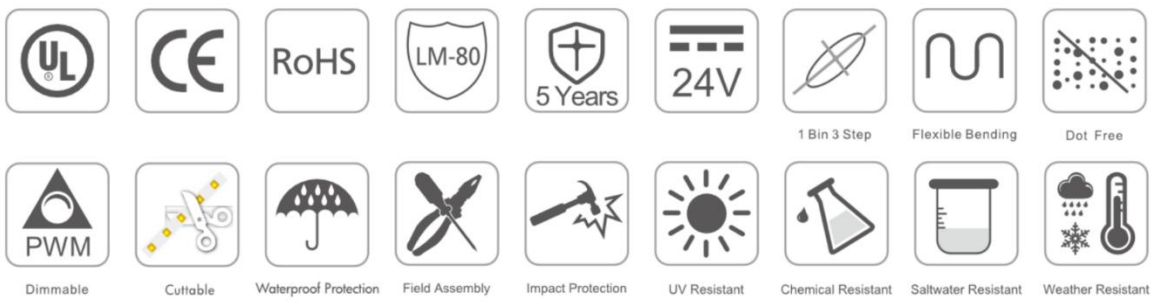
Lifetime and Warranty (See full Architectural FX total system warranty for more detail)

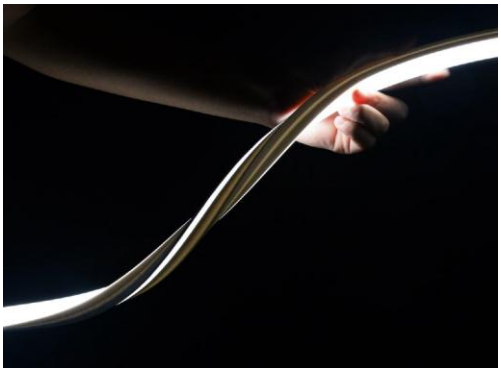
Lifespan L70: 50,000hrs
Product availability lifetime – 3 years from last order
End of Lifetime guarantee 5 years
The above data are typical values. Due to tolerances in the production process and electrical components,
Values for light output and electrical power can vary up to 10%.

Product	Type	Increment (mm)	CRI	(Finished CCT)	Power Lumen per m
					14w
				Max series length	5m
NEON 3D	1616 Nature	50mm	>90	Yellow/Amber 585-595nm	150
NEON 3D	1616 Nature	50mm	>90	Red 615-625nm	320

Note: This product contains a lightsource of energy efficiency class E

Product code example:
Neon 3D 1616 Nature Yellow FMP IP67 (Custom length to suit project to be advised)

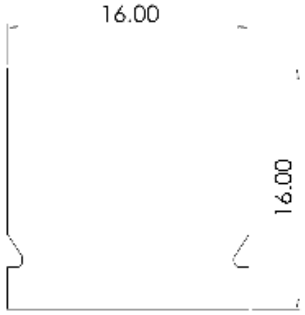




Maximum bending diameter 300mm
Maximum Twist 360°
(See Installation manual for more detail)

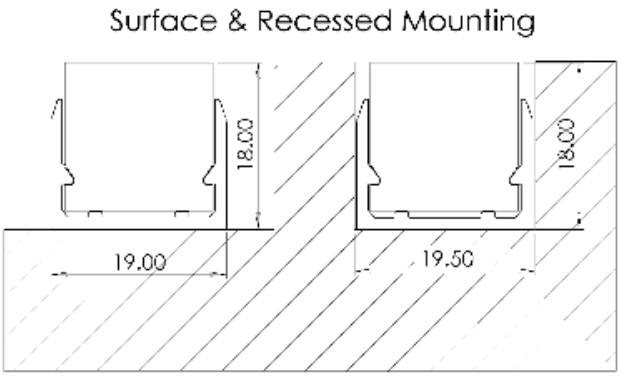


Mounting and connecting accessories



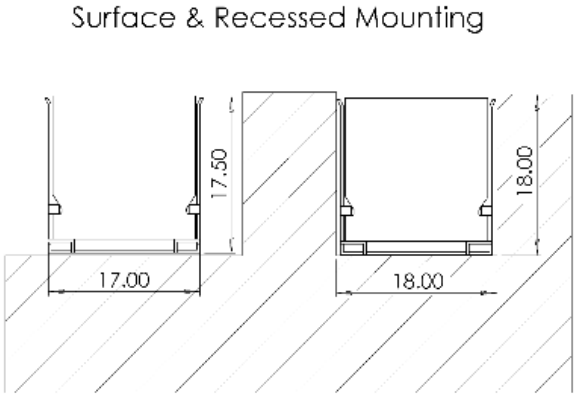
Aluminium mounting profile 2000mm or mounting clip 50mm



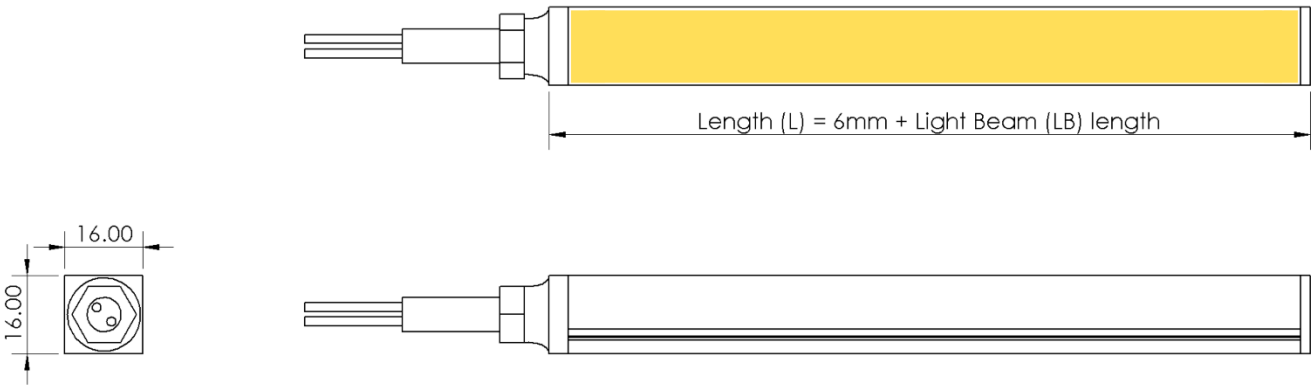


Flexible mounting profile Top or Side Bend or 3D 500mm

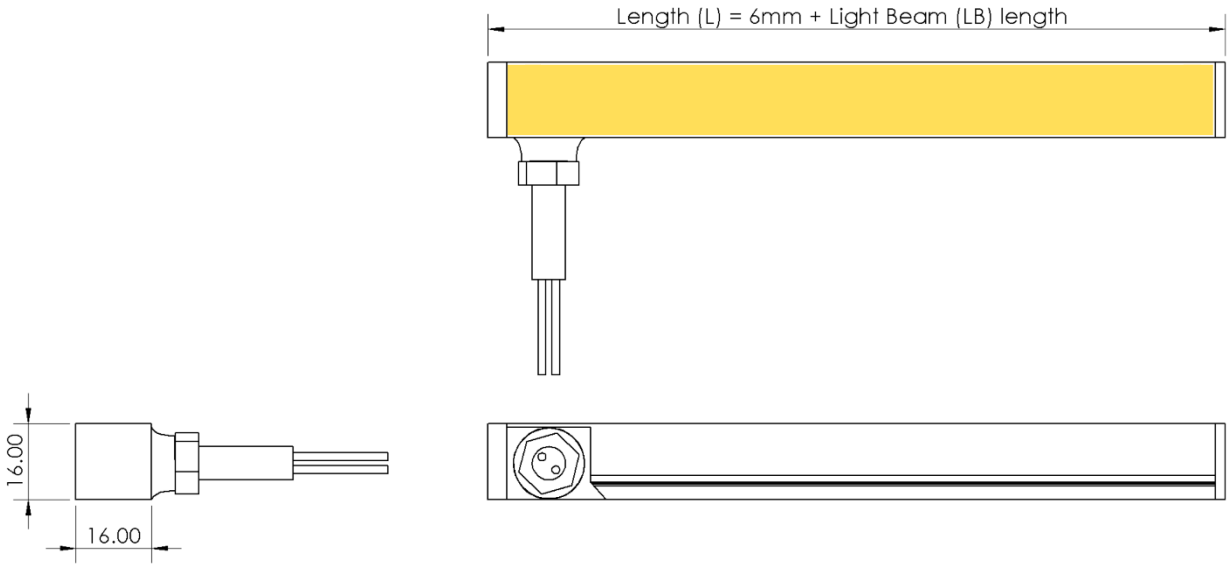




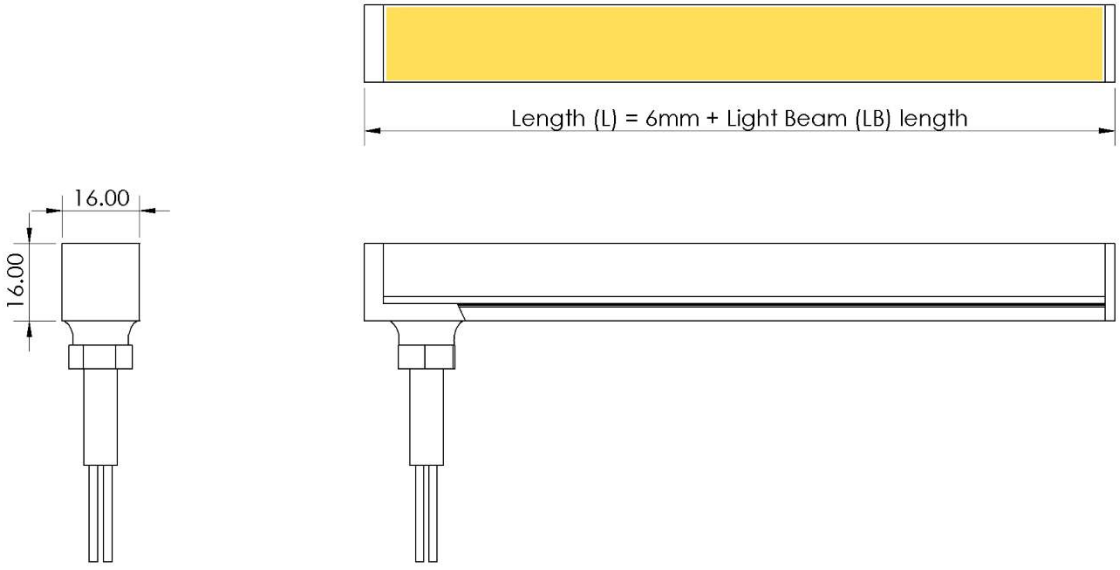
Factory Moulded endcap – Straight cable extrusion



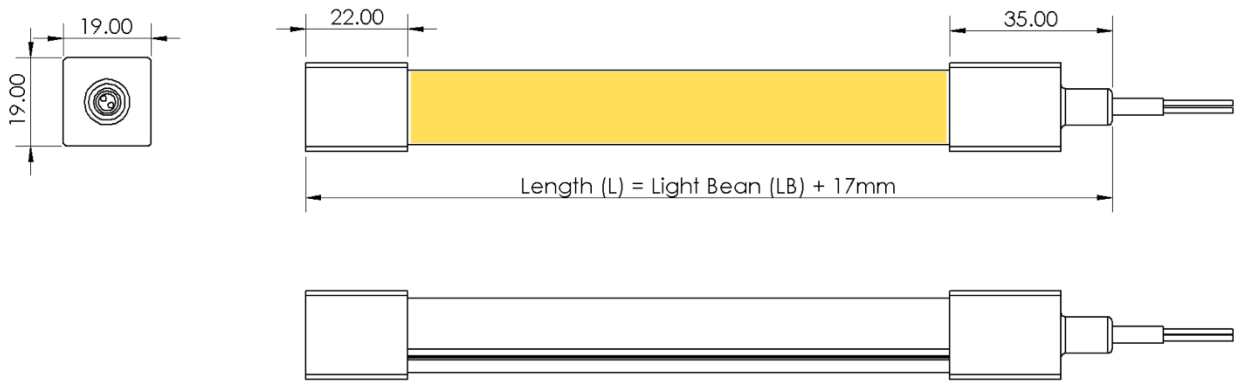
Factory Moulded endcap – Side cable extrusion



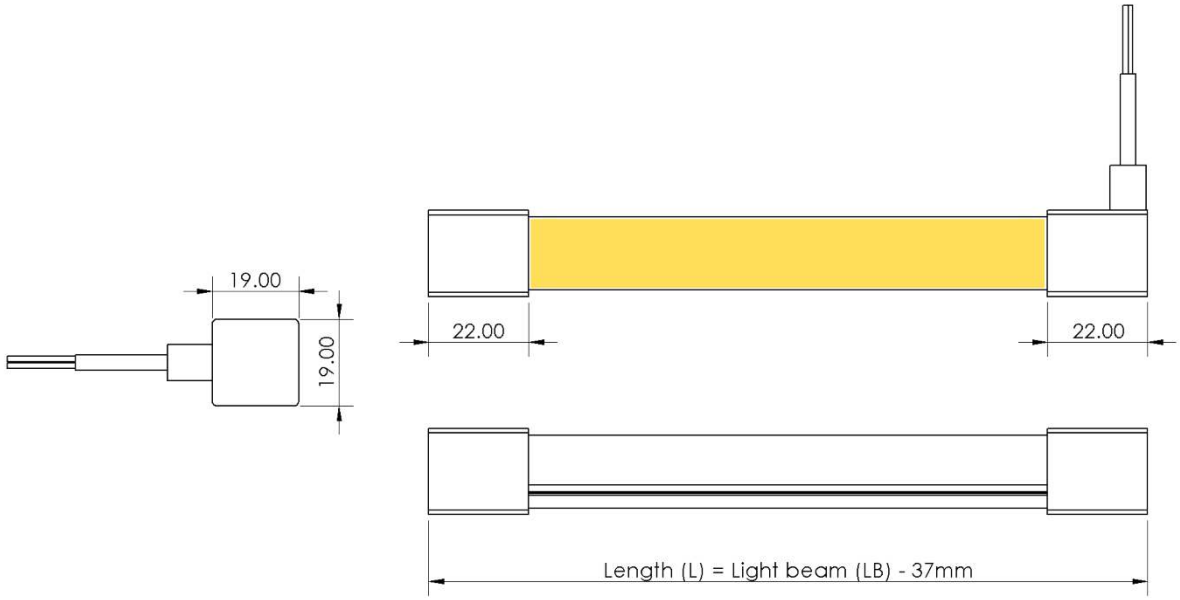
Factory Moulded endcap – Rear cable extrusion



Glued on Endcaps – Straight cable extrusion



Glued on Endcaps – Side cable extrusion



Glued on Endcaps – Rear cable extrusion

