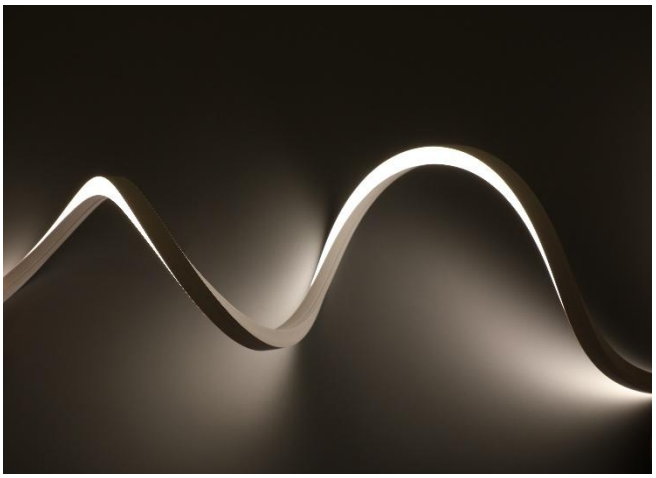
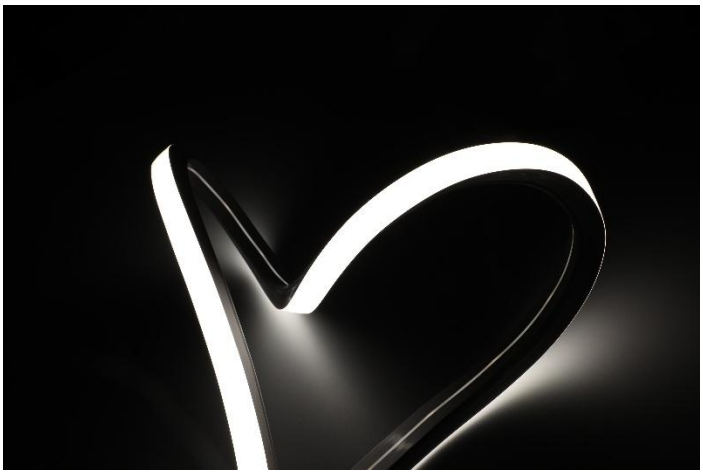
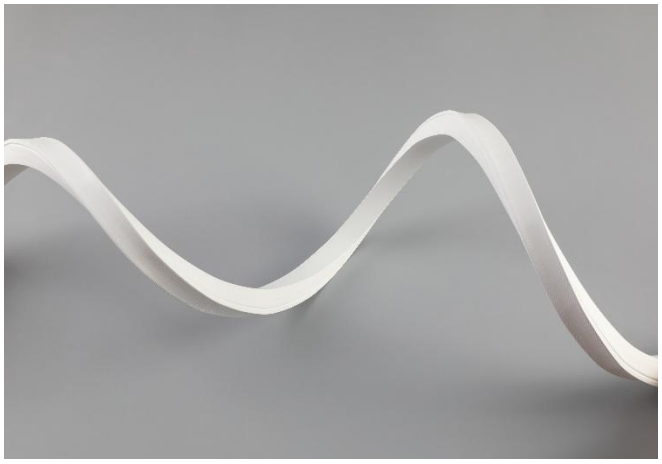
ARCHITECTURAL FX

Technicians of Light

Neon 3D 1616 White IP67









General Information

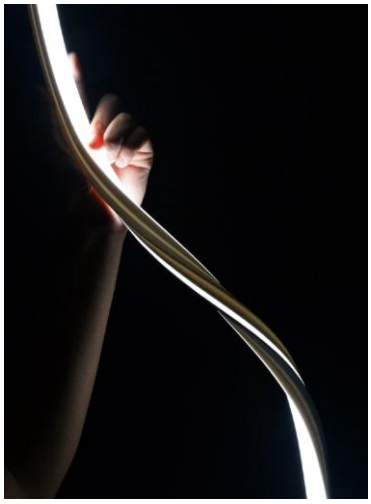
Flexible LED strip in UV, chlorine, saltwater, solvent and heat-resistant special silicone for indoor- and outdoor use IP67
4.8w, 5.9w, 7.2w, 9.6w, 14w per m, up to 1400 lm/m (1197 lm per m @ 2700k)
>90lm/w (4000k @98lm/w)
Single Colour White 2200k, 2350k, 2500k, 2700k, 3000k, 3500k, 4000k, 5000k (Finished CCT)
CRI >90
Free cutting or High Efficiency 55.6mm increments (Max 5m length) or Ultra long) 55.6mm Increments (up to 20m)
Width 16mm x Height 16mm
Bending diameter: 300mm
Twist 360° per 1000mm
Max Single lengths to 20m
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 +55°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 L80 B10 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)



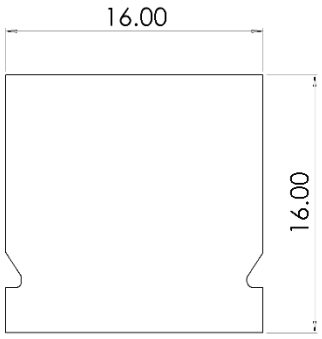
Product	Type	Increment (mm)	CRI	(Finished CCT)	Power/Lumen per m				
					4.8w	5.9w	7.2w	9.6w	14w
				Max series length	5m	5m	5m	5m	5m
NEON 3D	1616 FC	Free cutting	>90	2200k	213	262	320	427	623
NEON 3D	1616 FC	Free cutting	>90	2350k	228	280	341	455	664
NEON 3D	1616 FC	Free cutting	>90	2500k	242	297	363	484	706
NEON 3D	1616 FC	Free cutting	>90	2700k	256	315	384	512	747
NEON 3D	1616 FC	Free cutting	>90	3000k	262	322	393	524	764
NEON 3D	1616 FC	Free cutting	>90	3500k	276	339	414	552	805
NEON 3D	1616 FC	Free cutting	>90	4000k	285	350	427	569	830
NEON 3D	1616 FC	Free cutting	>90	5000k	279	343	418	558	814

Product	Type	Increment (mm)	CRI	(Finished CCT)	Power/Lumen per m				
					4.8w	5.9w	7.2w	9.6w	14w
				Max series length	5m	5m	5m	5m	5m
NEON 3D	1616 HE (High Efficiency)	55.6mm	>90	2200k	357	439	536	715	1043
NEON 3D	1616 HE (High Efficiency)	55.6mm	>90	2350k	381	469	572	763	1112
NEON 3D	1616 HE (High Efficiency)	55.6mm	>90	2500k	405	498	608	810	1182
NEON 3D	1616 HE (High Efficiency)	55.6mm	>90	2700k	429	527	643	858	1251
NEON 3D	1616 HE (High Efficiency)	55.6mm	>90	3000k	438	539	658	877	1279
NEON 3D	1616 HE (High Efficiency)	55.6mm	>90	3500k	462	568	693	925	1348
NEON 3D	1616 HE (High Efficiency)	55.6mm	>90	4000k	477	586	715	953	1390
NEON 3D	1616 HE (High Efficiency)	55.6mm	>90	5000k	467	574	701	934	1363

Product	Type	Increment (mm)	CRI	(Finished CCT)	Power/Lumen per m				
					4.8w	5.9w	7.2w	9.6w	14w
				Max series length	20m	20m	15m	15m	10m
NEON 3D	1616 UL (Ultra Long)	50mm	>90	2200k	216	266	324	432	630
NEON 3D	1616 UL (Ultra Long)	50mm	>90	2350k	230	283	346	461	672
NEON 3D	1616 UL (Ultra Long)	50mm	>90	2500k	245	301	367	490	714
NEON 3D	1616 UL (Ultra Long)	50mm	>90	2700k	259	319	389	518	756
NEON 3D	1616 UL (Ultra Long)	50mm	>90	3000k	265	326	397	530	773
NEON 3D	1616 UL (Ultra Long)	50mm	>90	3500k	279	343	419	559	815
NEON 3D	1616 UL (Ultra Long)	50mm	>90	4000k	288	354	432	576	840
NEON 3D	1616 UL (Ultra Long)	50mm	>90	5000k	282	347	424	565	824

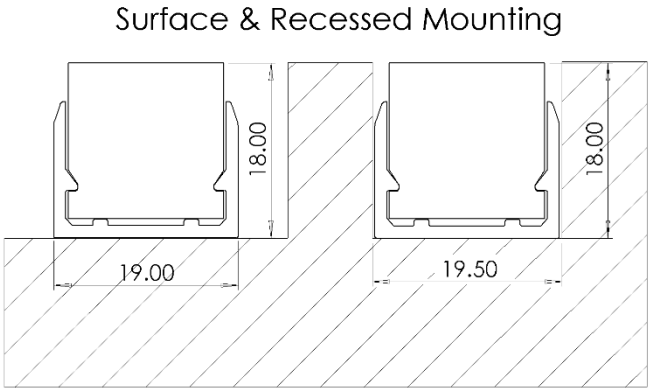
Note: This product contains a lightsource of energy efficiency class E

Mounting and connecting accessories



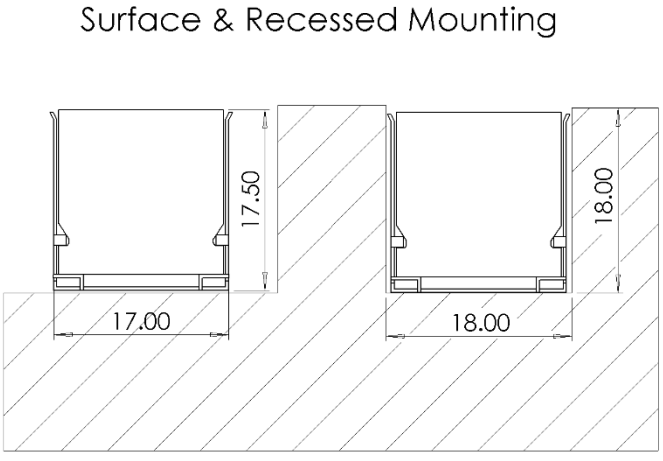
Aluminium mounting profile 2000mm or mounting clip 50mm



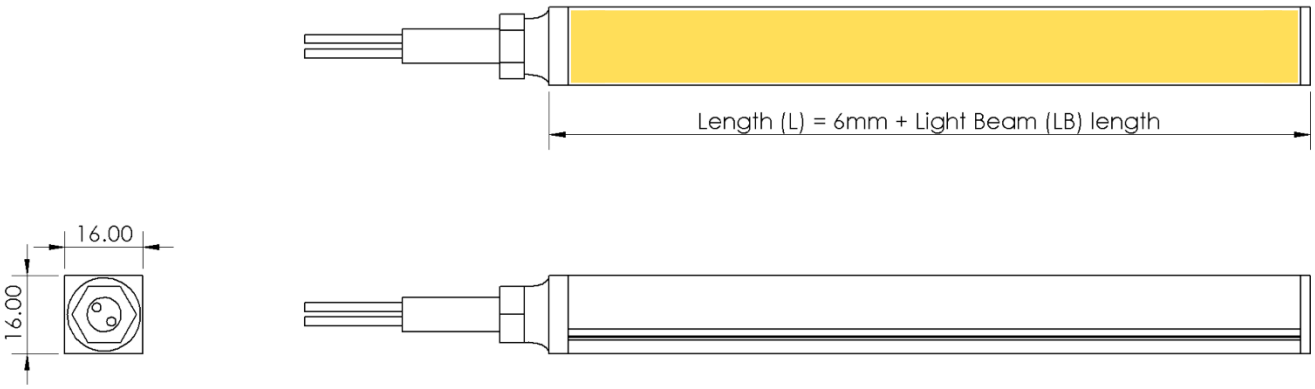


Flexible mounting profile Top or Side Bend or 3D 500mm

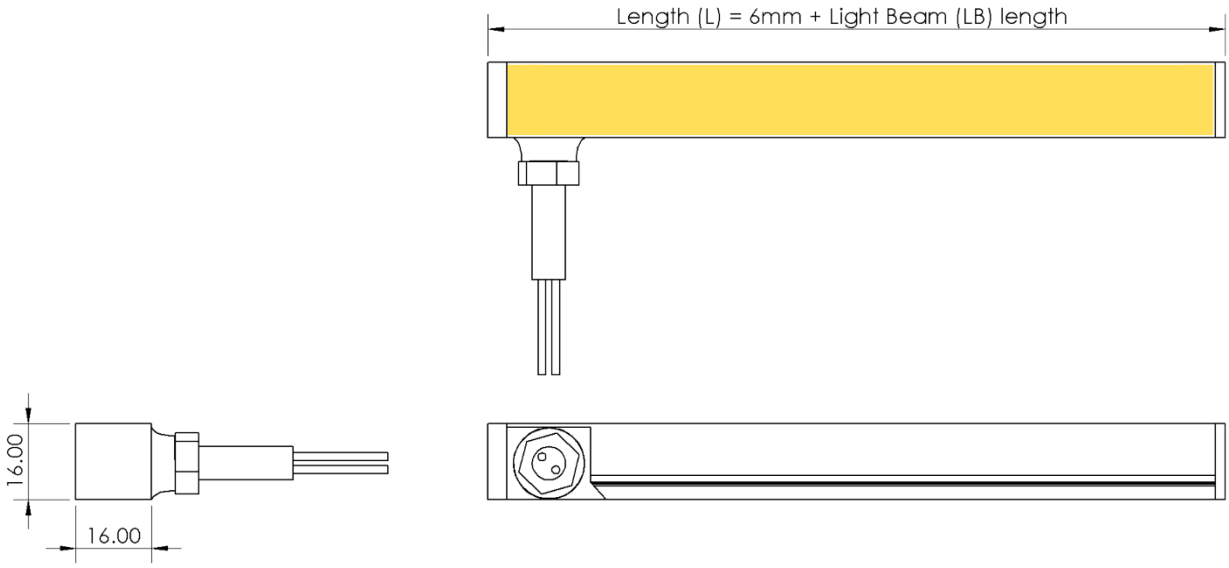




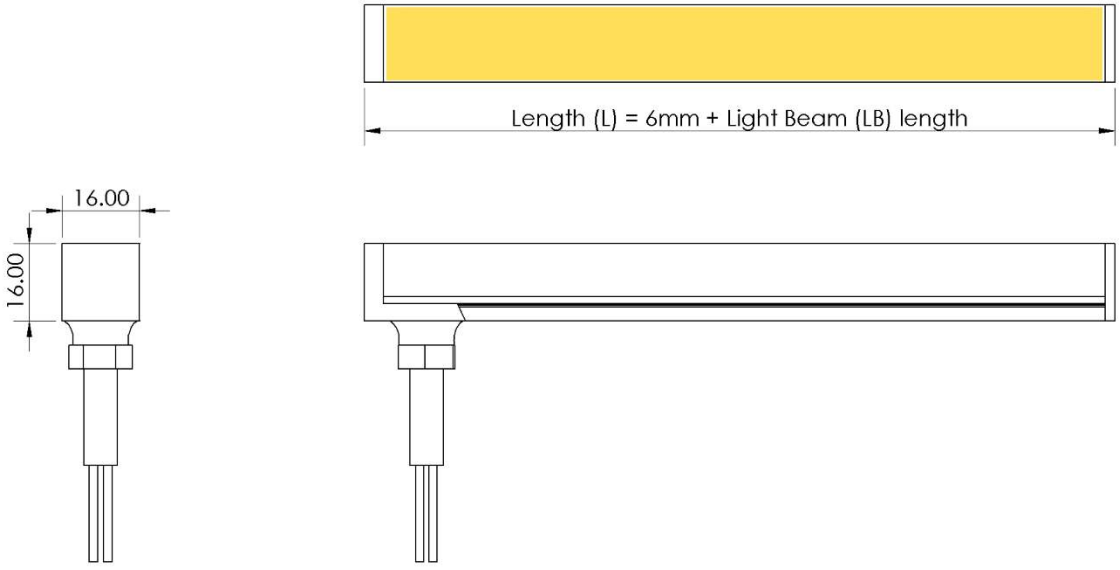
Factory Moulded endcap – Straight cable extrusion



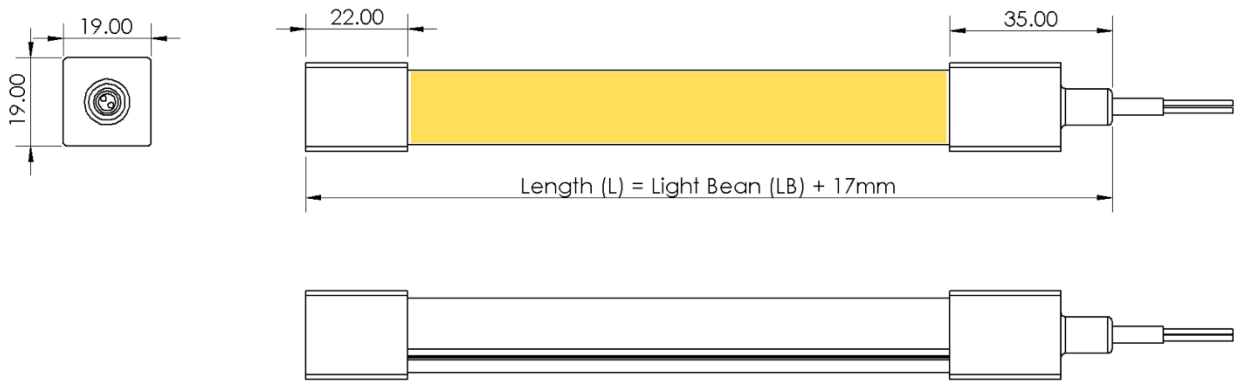
Factory Moulded endcap – Side cable extrusion



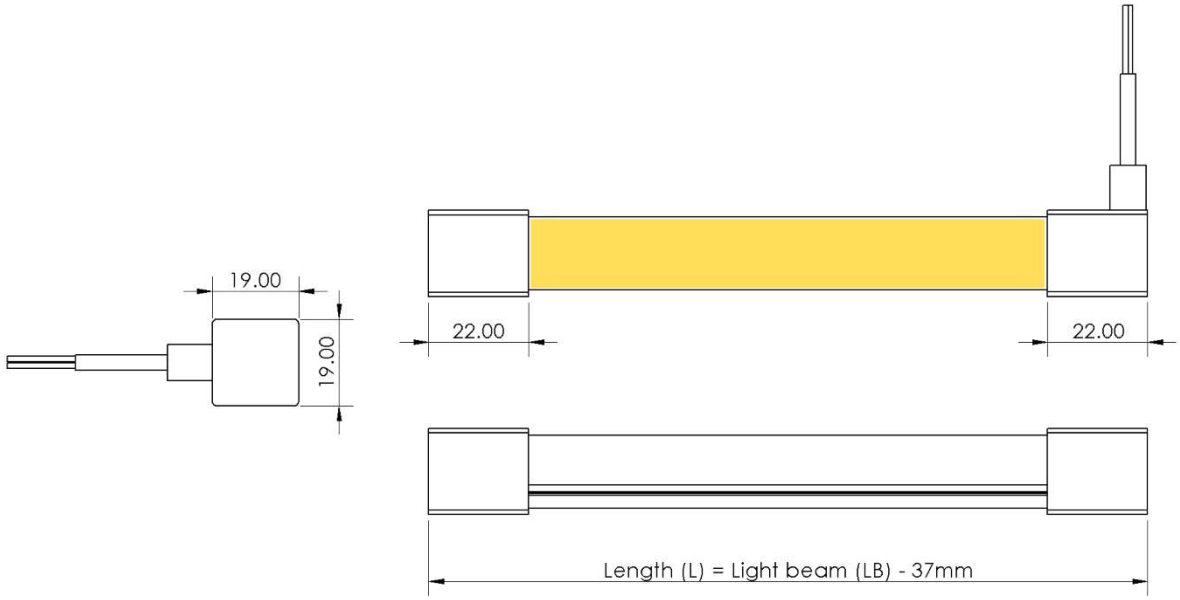
Factory Moulded endcap – Rear cable extrusion



Glued on Endcaps – Straight cable extrusion



Glued on Endcaps – Side cable extrusion



Glued on Endcaps – Rear cable extrusion

