



SPECIFICATION SHEET

TAPE-120-NF18-BI

DESCRIPTION

- Flexible horizontal bendable silicone LED neon tape
- Emits uniform dot-free soft light
- Flat surface with 210 degree beam angle
- 120 LEDs per meter, can be cut every 12 LEDs (10cm)
- Color /CCT: 1800K + 6500K
- Full encapsulated silicone jacket with IP68 level



Dimmable Lighting
0 to 100% flicker free dimming



Tunable Lighting



Working Temperature



3 Year Limited
Warranty



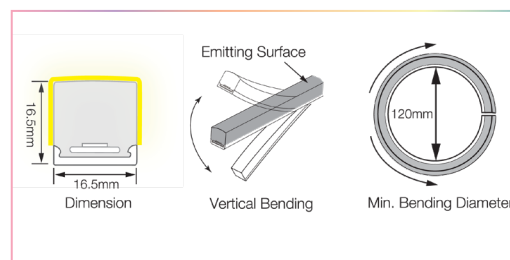
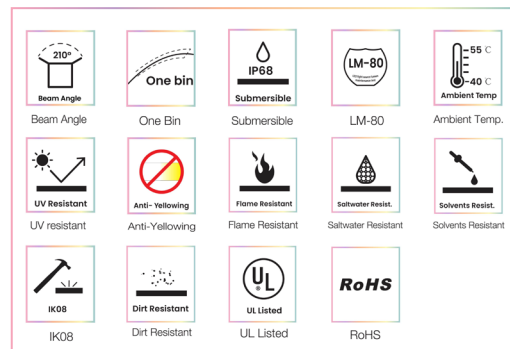
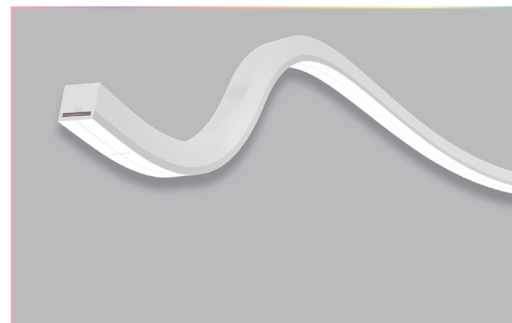
1800K + 6500K

SPECIFICATIONS

LED Quantity	120 LEDs/M
Color /CCT	1800K + 6500K
CRI	>90
Luminous Flux per Meter	348 Lm + 395 Lm
Beam Angle	210°
Power Rating per Meter	15W
Input Voltage	24V
Housing Material	Eco PVC or Silicone
Minimum Bend Diameter	120mm
Cutting Unit	12 LEDs
Cutting Unit Length	100mm
IP Rating	IP68 Wet location submersible <2m
Operating Temperature Range	-40°C to 55°C
Compatible Decoders	Use SRPC 2108-24V-200, SR-2108A-M5, or SR-2108B-M24 driver/decoder & DMX-KP-512
Certificate	RoHS, UL Listed
Lifespan	50,000 hrs
Warranty	7 years

* All Neon Tapes are sold by meter.

MODEL CODES	DESCRIPTION
TAPE-120-NF18-18-65K-IP68	Neon 18 Flexible Tape, 1800K + 6500K, 15W/M, 120 LED pcs/M, 348Lm+395Lm CRI-RA90, 120 LEDs/M, Width 16.5mm, Height 16.5mm, 24V, IP68



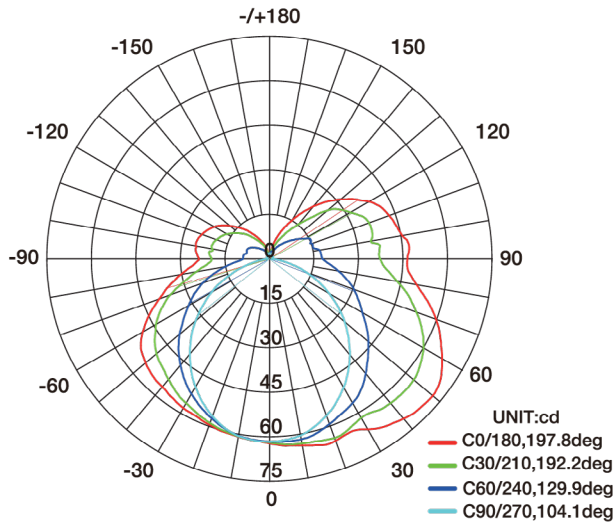
APPLICATIONS

- Outlining Facade of buildings
- Cove lighting
- Linear Lighting
- Signage
- Decorative lighting

www.colorbeamlighting.com

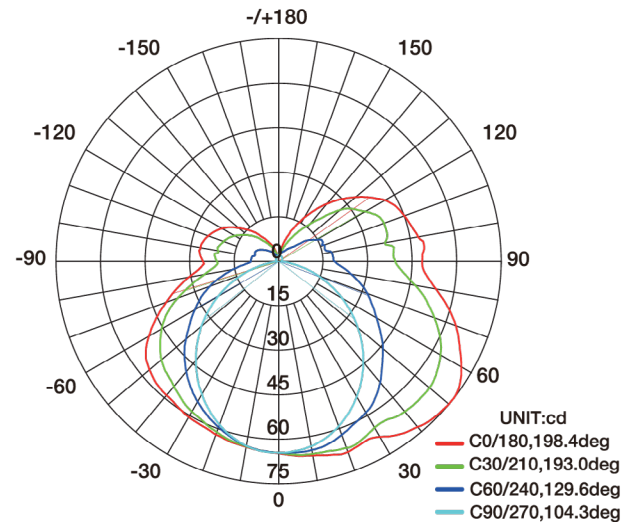
PHOTOMETRIC INFORMATION

COLOR TEMPERATURE / 1800K



AVERAGE BEAM ANGLE(50%):156.0DEG

COLOR TEMPERATURE / 6500K

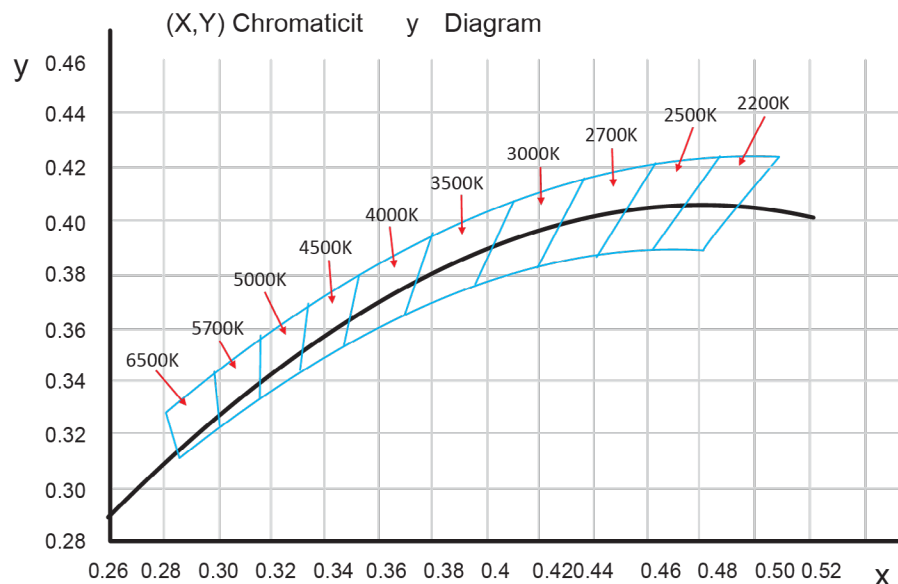


AVERAGE BEAM ANGLE(50%):156.3DEG

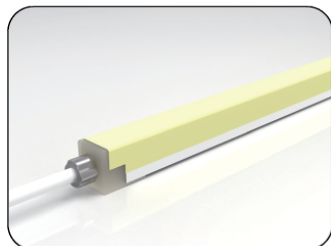
COLOR TEMPERATURE / BLUE

White Color Charts

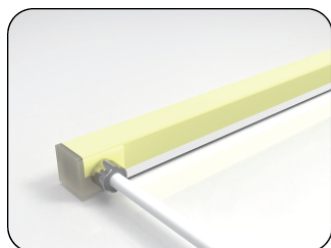
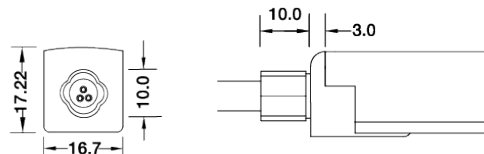
COLOR TEMPERATURE / 3000K



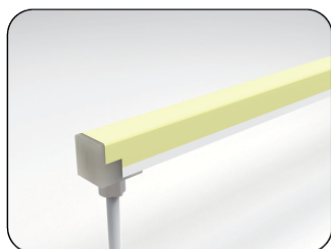
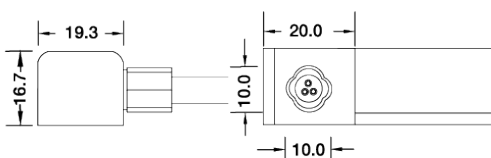
CONFIGURATION AND ACCESSORIES



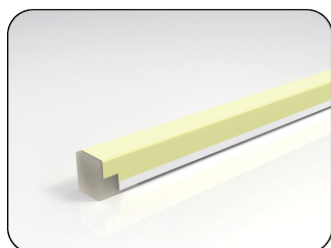
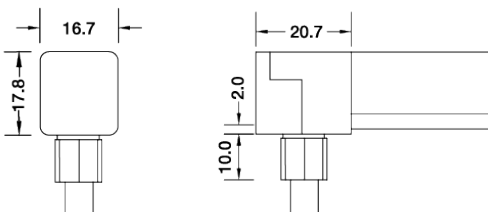
Direct Entry Connector
 MJ-SF18-DW-D01/02/03
 MJ-SF18-DW-D01SM
 MJ-SF18-DW-D02SF
 MJ-SF18-DW-D03SFM



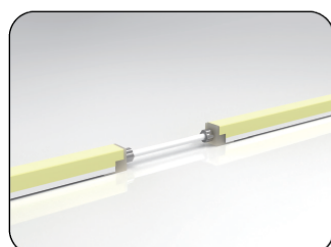
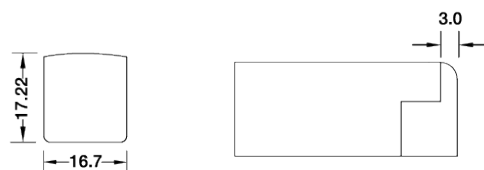
Side Entry Connector
 MJ-SF18-DW-S01/02/03
 MJ-SF18-DW-S01SM
 MJ-SF18-DW-S02SF
 MJ-SF18-DW-S03SFM



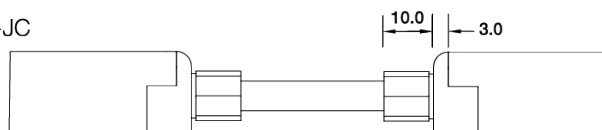
Bottom Entry Connector
 MJ-SF18-DW-S01/02/03
 MJ-SF18-DW-S01SM
 MJ-SF18-DW-S02SF
 MJ-SF18-DW-S03SFM



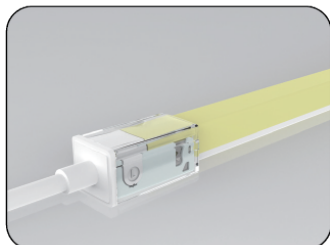
End Cap



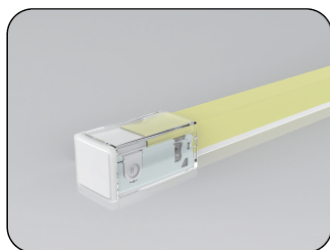
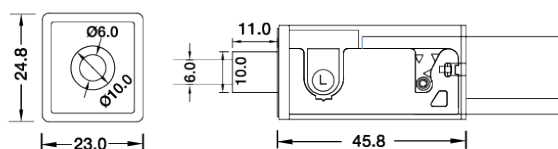
Jumper
 MJ-SF18-DW-D-JC



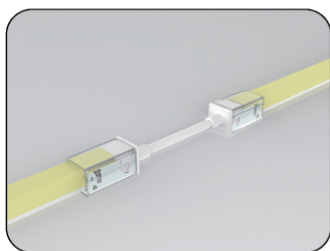
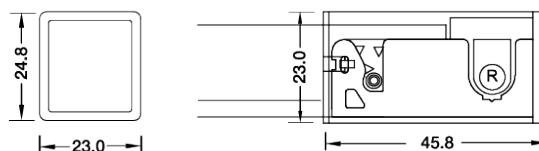
CONFIGURATION AND ACCESSORIES



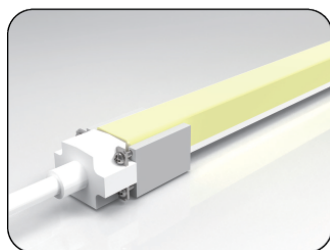
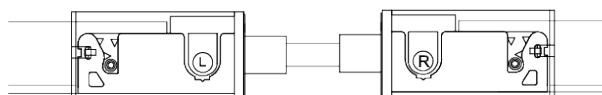
DIY Snap Connector
DIY-SN-FR-16-D-01/02-D3



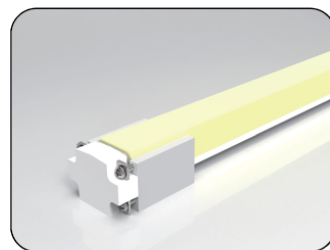
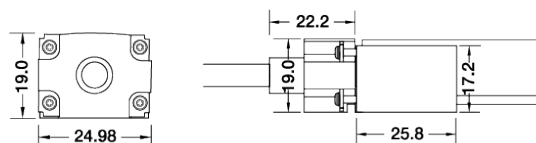
DIY Snap End Cap
DIY-SN-END-16-D-01/02



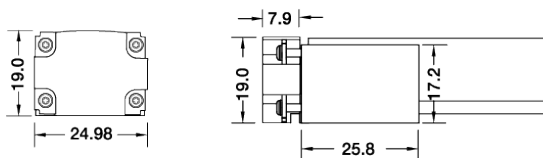
DIY Snap Connector Jumper
DIY-SN-FR-16-D3-D-JC



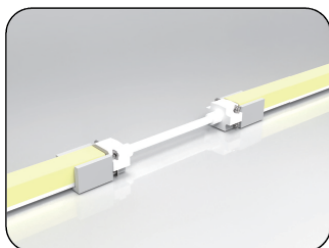
DIY Screw Connector
DIY-SC-FR-16-D-01/02-D3



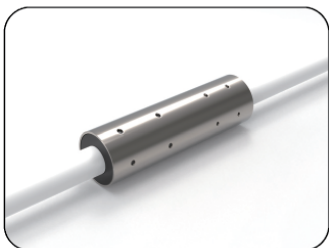
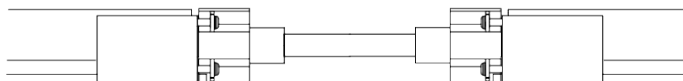
DIY Screw Connector
DIY-SC-END-16



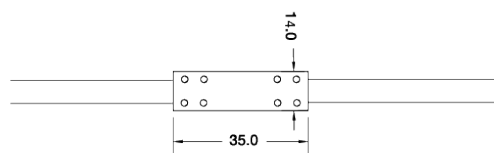
CONFIGURATION AND ACCESSORIES



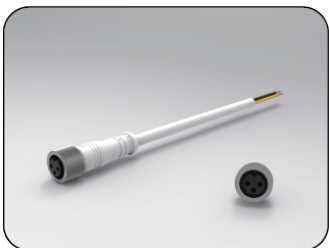
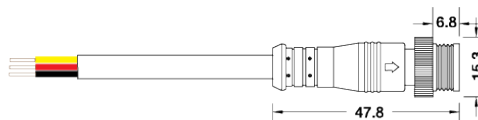
DIY Screw Extension Connector
DIY-SC-EXT-16-D3



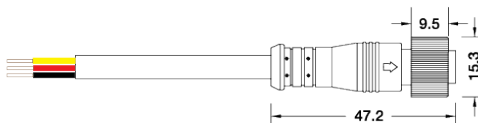
Waterproof Interrupter



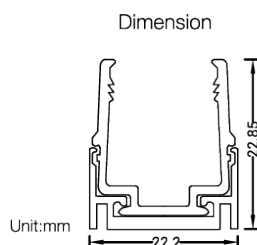
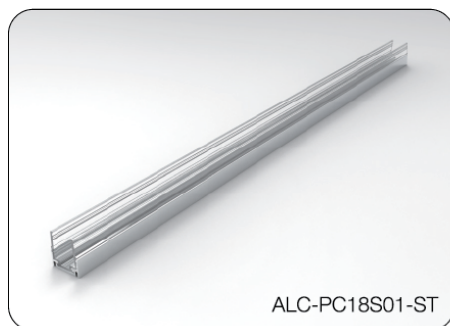
Male Connector
SYZ-M12-M-3C-05-W



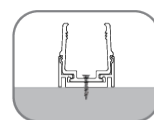
Female Connector
SYZ-M12-F-3C-05-W



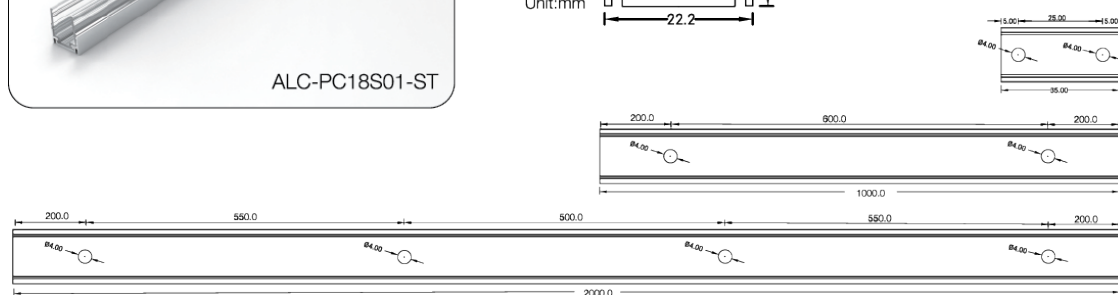
CONFIGURATION AND ACCESSORIES



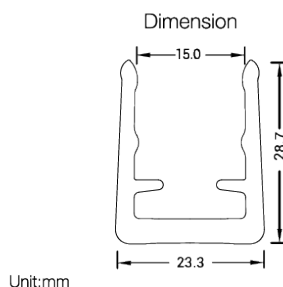
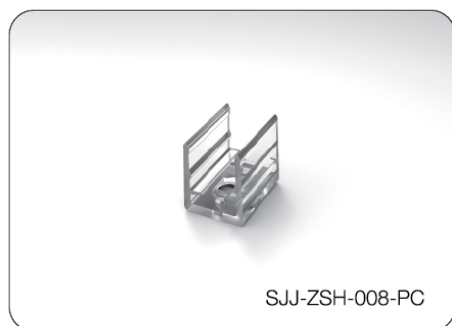
Installation Way



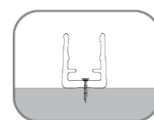
Surface Mounted



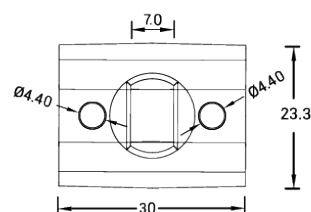
Model	W x H(mm)	Standard Length	Screw Holes	Holes Numbers	Suitable Product
ALC-PC18S01-ST	22.2*22.85	35mm	Ø4.0mm	2	F16, F17, F18, SF16, SF17, SF18
		1000mm	Ø4.0mm	2	F16, F17, F18, SF16, SF17, SF18
		2000mm	Ø4.0mm	4	F16, F17, F18, SF16, SF17, SF18



Installation Way



Surface Mounted



Model	W x H(mm)	Standard Length	Screw Holes	Holes Numbers	Suitable Product
SJJ-ZSH-008-PC	23.3*28.7	30mm	Ø4.40mm	2	F16, F17, F18, SF16, SF17, SF18



SPECIFICATION SHEET

TAPE-120-NF18-BI

COMPATIBLE PROCESSOR & CONTROLLERS

GATEway 1DMX



Lighting processor integrated with a configurable software, 1 DMX output, 1 universe controlling 512 DMX addresses, 5VDC, 1A output.

DMX-KP-512



The DMX-KP-512 control panel is a master controller designed to control the DMX controllers.

DRV-SRPC2108-24-200CVF



DMX driver, 4 channels, 24VDC, 200W built-in power supply, constant Voltage, 100-240VAC input, 4x2A output.

*Compatible with white, bi-white, RGB, and RGBW luminaires.

SR-2108A-M5-5



DMX decoder, 5 channels, VDC, Constant Voltage
Require an external VDC power supply, available from 96W to 320W, 12-24VDC input, 5x8A output.

*Compatible with white, bi-white, RGB, and RGBW luminaires.

SR-2108B-M24-5



DMX decoder, 24 channels, VDC, Constant Voltage.
Require an external VDC power supply, available from 96W to 320W, 12-24VDC input, 24x4A output.

*Compatible with white, bi-white, RGB, and RGBW luminaires.