



SPECIFICATION SHEET

TAPE-70-PX16-RGBW

DESCRIPTION

- Flexible horizontal bendable silicone LED neon tape
- Emits uniform dot-free soft light
- Flat surface with 120 degree beam angle
- 70 LEDs per meter, can be cut every 7 LEDs (100mm)
- Color /CCT: RGB + 3000K
- Full encapsulated silicone jacket with IP68 level



RGBW Lighting



Working Temperature



3 Year Limited Warranty



RGBW= 399lm/m

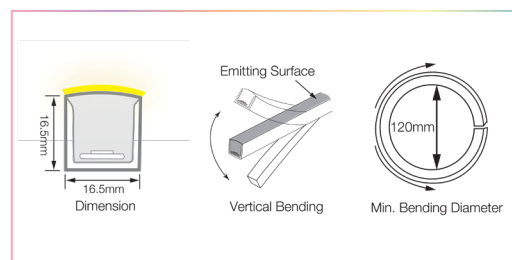
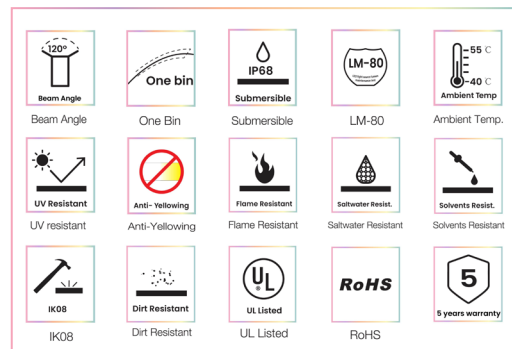
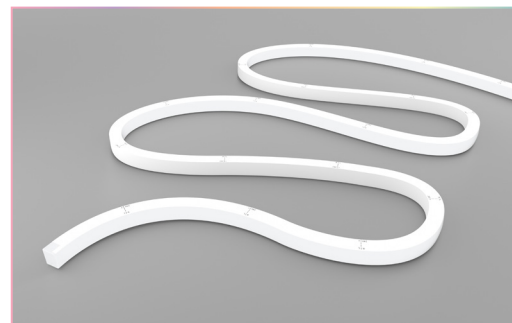
3000K= 193lm/m

SPECIFICATIONS

LED Quantity	70 LEDs/M
Color /CCT	RGB + 3000K
Pixels Quantity	10 Pixels/M
CRI	Ra+80
Luminous Flux per Meter	399 Lm
Beam Angle	120°
Power Rating per Meter	18W
Input Voltage	24V
Housing Material	Eco PVC or Silicone
Minimum Bend Diameter	120mm
Cutting Unit	6 LEDs
Cutting Unit Length	83.3mm
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	3 years

* All Neon Tapes are sold by meter.

MODEL CODES	DESCRIPTION
TAPE-70-PX16-RGB30K-IP68	Neon 16 Flexible Tape, Pixel RGB + 3000K, 18W/M, 70 LED pcs/M, 399lm/M, CRI>Ra80, 10M (26.2FT/Roll), Width 16.5mm, Height 16.5mm, 24V, IP68



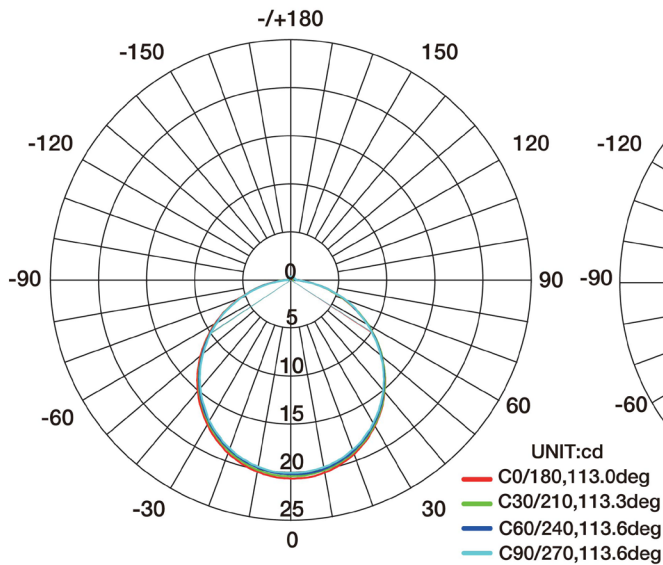
APPLICATIONS

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

www.colorbeamlighting.com

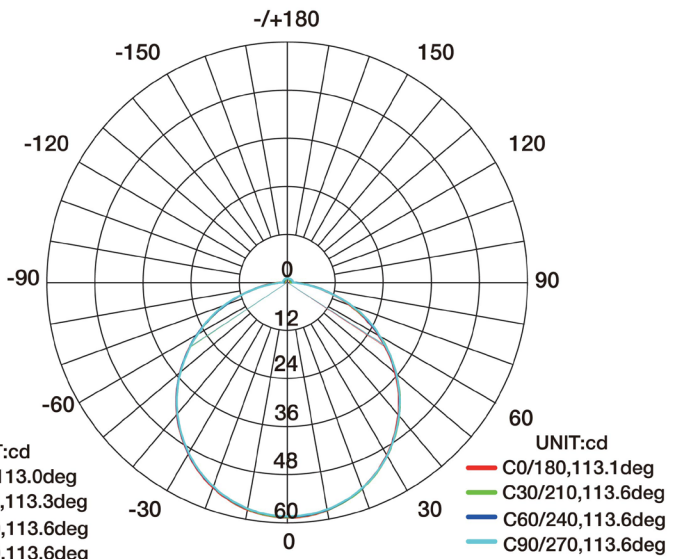
PHOTOMETRIC INFORMATION

COLOR TEMPERATURE / RED



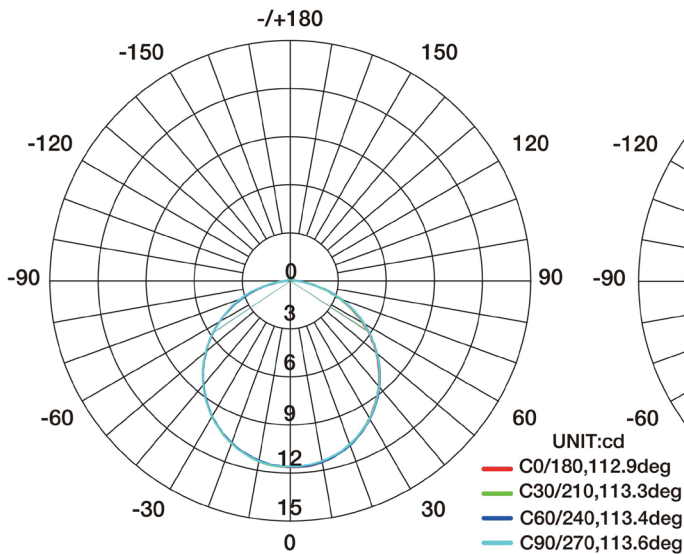
AVERAGE BEAM ANGLE(50%):113.4DEG

COLOR TEMPERATURE / GREEN



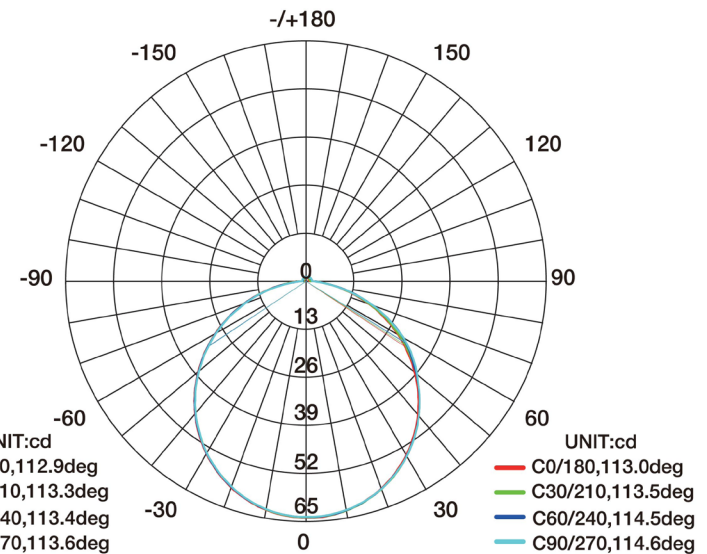
AVERAGE BEAM ANGLE(50%):113.5 DEG

COLOR TEMPERATURE / BLUE



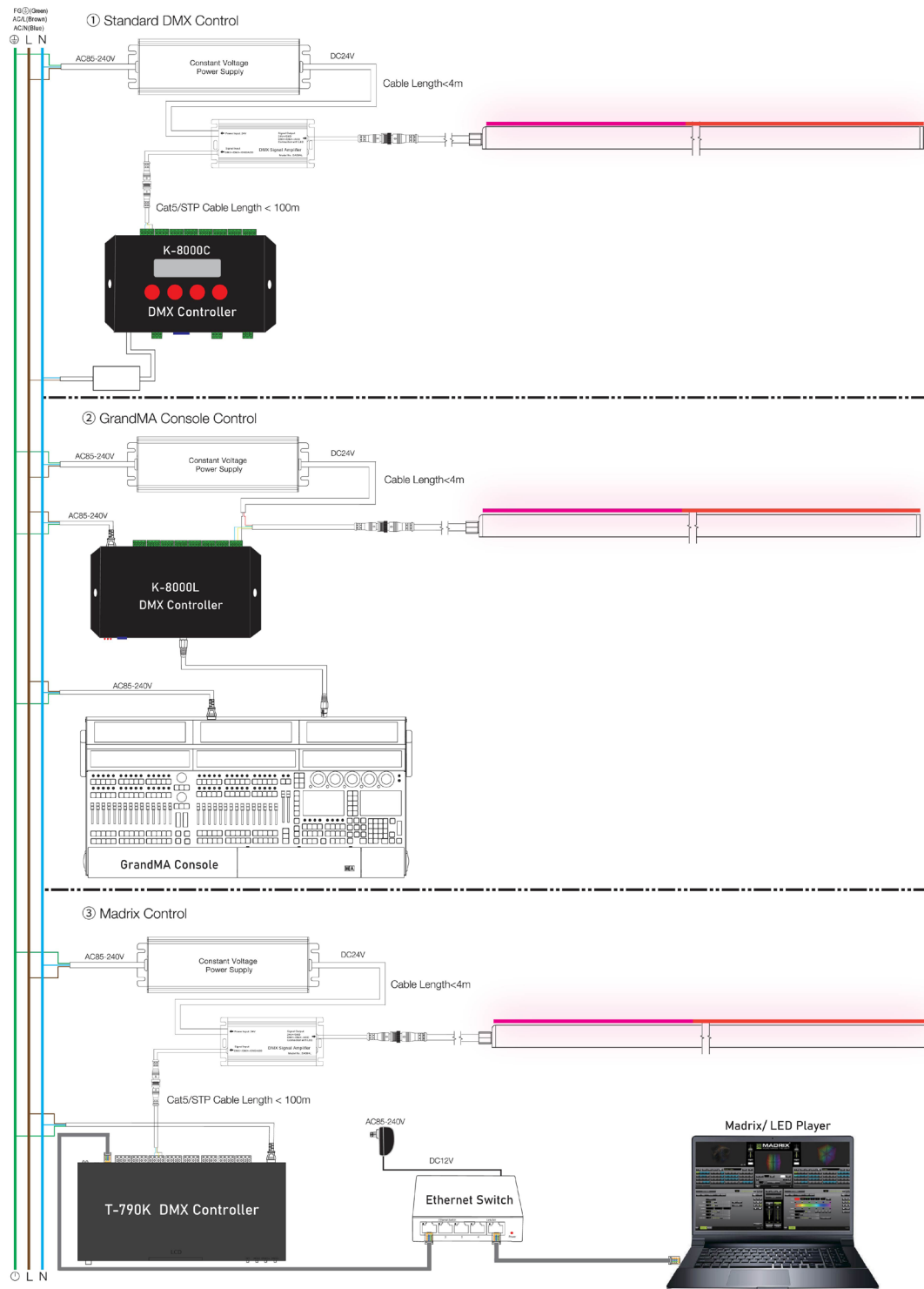
AVERAGE BEAM ANGLE(50%):113.3 DEG

COLOR TEMPERATURE / 3000K

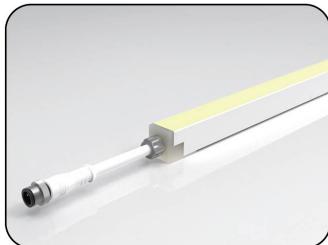


AVERAGE BEAM ANGLE(50%):113.9 DEG

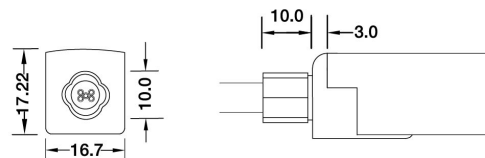
WIRING CONFIGURATION



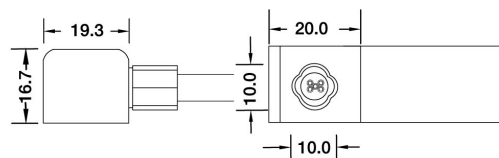
CONFIGURATION AND ACCESSORIES



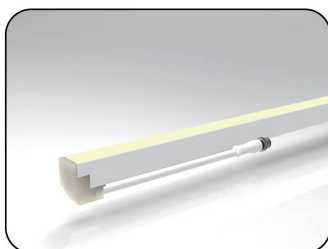
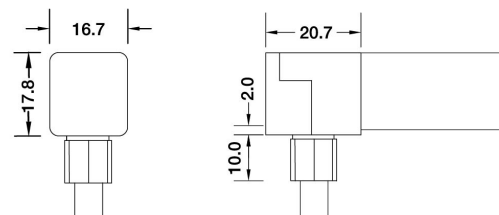
Direct Entry Connector
MJ-SF16-D5-D02SM
MJ-SF16-D5-D03SFM



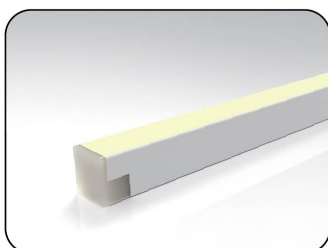
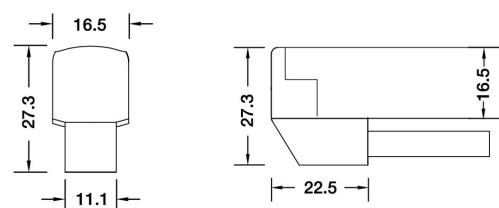
Side Entry Connector
MJ-SF16-D5-S02SM
MJ-SF16-D5-S03SFM



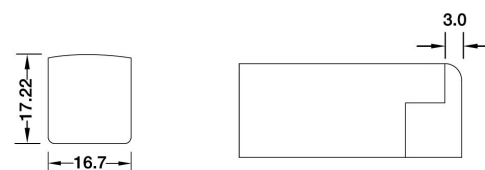
Bottom Entry Connector
MJ-SF16-D5-B02SM
MJ-SF16-D5-B03SFM



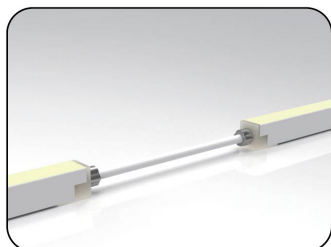
L Shape Entry Connector
MJ-SF16-D5-L02SM
MJ-SF16-D5-L03SFM



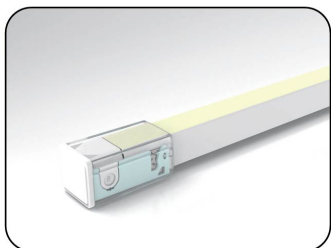
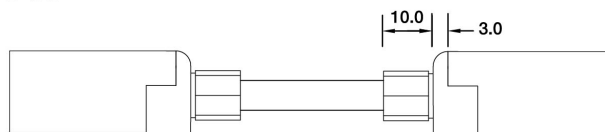
End Cap



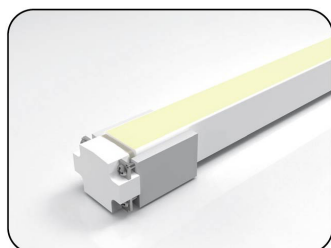
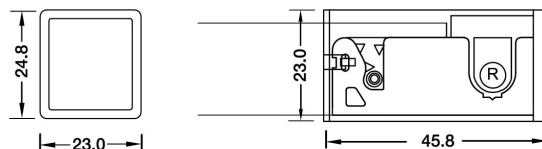
CONFIGURATION AND ACCESSORIES



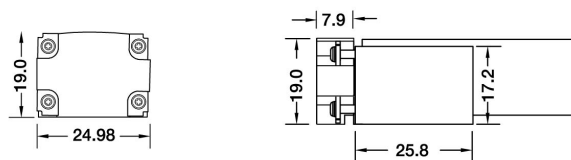
Jumper
MJ-16-RGBW-D-JC



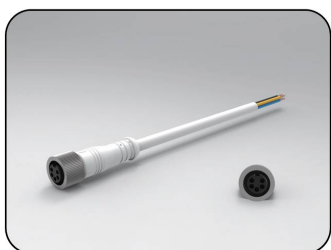
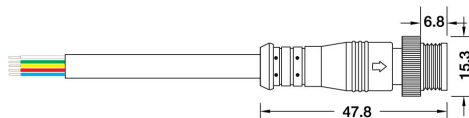
DIY Snap End Cap
DIY-SN-END-16-D-01/02



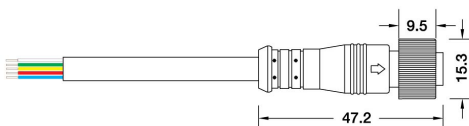
DIY Screw Connector
DIY-SC-END-16



Male Connector
SYZ-M12-M-5C-05-W

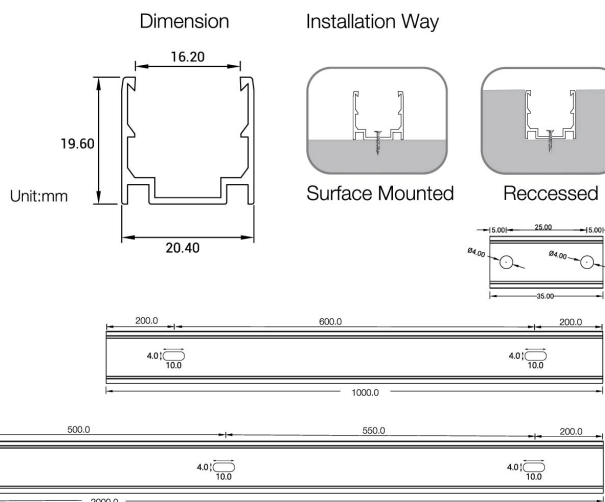


Female Connector
SYZ-M12-F-5C-05-W

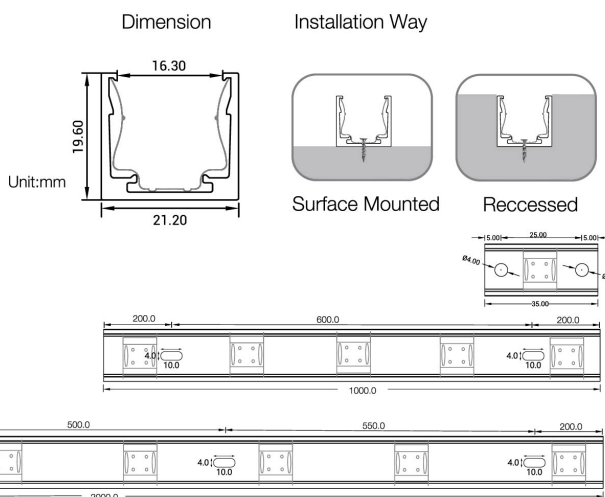


LED LINEAR FLEX MOUNTING CHANNEL

1. Aluminum Channel

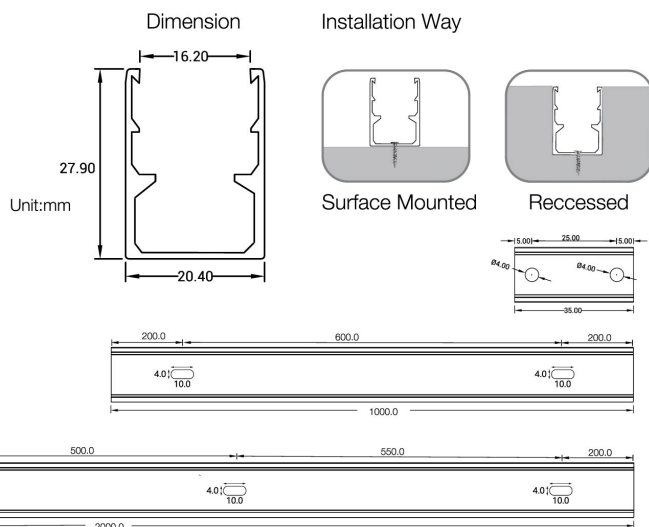
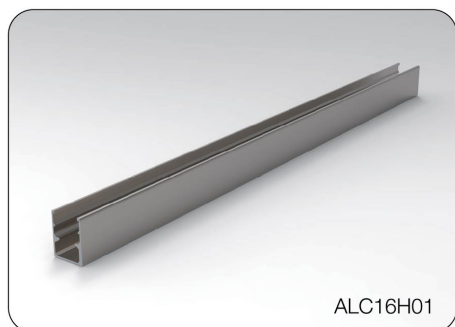


Model	W x H(mm)	Standard Length	Screw Holes	Holes Numbers	Suitable Product
ALC16S02-035	20.4*19.6	35mm	Φ4.0mm	2	F16, SF16
ALC16S02-100		1000mm	4.0x10mm	2	F16, SF16
ALC16S02-200		2000mm	4.0x10mm	4	F16, SF16

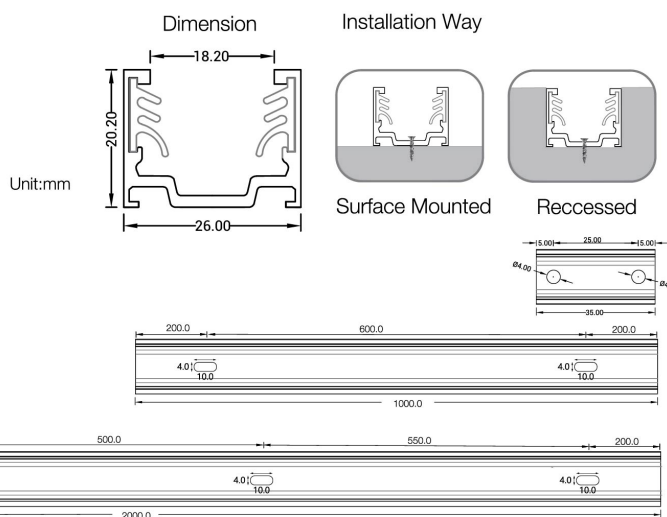


Model	W x H(mm)	Standard Length	Screw Holes	Holes Numbers	Clips	Suitable Product
ALC16S03-035	21.2*19.6	35mm	Φ4.0mm	2	1	F16, SF16
ALC16S03-100		1000mm	4.0x10mm	2	5	F16, SF16
ALC16S03-200		2000mm	4.0x10mm	4	8	F16, SF16

LED LINEAR FLEX MOUNTING CHANNEL



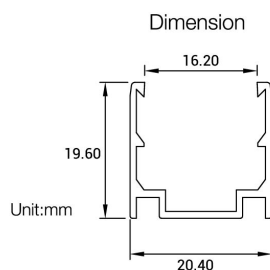
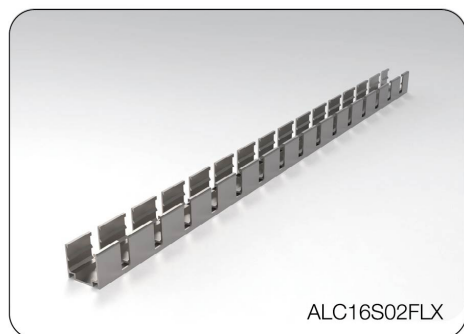
Model	W x H(mm)	Standard Length	Screw Holes	Holes Numbers	Suitable Product
ALC16H01-035	20.4*27.9	35mm	Φ4.0mm	2	F16, SF16
ALC16H01-100		1000mm	4.0x10mm	2	F16, SF16
ALC16H01-200		2000mm	4.0x10mm	4	F16, SF16



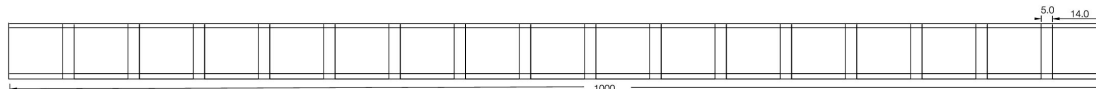
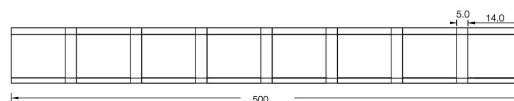
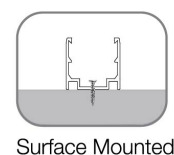
Model	W x H(mm)	Standard Length	Screw Holes	Holes Numbers	Clips	Suitable Product
ALC16S04-035	26.0*20.2	35mm	Φ4.0mm	2	2	F16, SF16
ALC16S04-100		1000mm	4.0x10mm	2	2	F16, SF16
ALC16S04-200		2000mm	4.0x10mm	4	2	F16, SF16

LED LINEAR FLEX MOUNTING CHANNEL

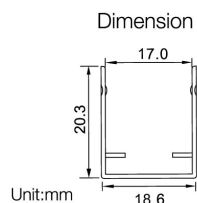
2. Flexible Aluminum Channel



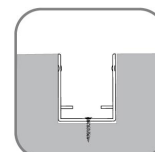
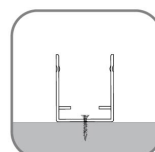
Installation Way



Model	W x H(mm)	Standard Length	Suitable Product
ALC16S02FLX-05	20.4*19.6	500mm	F16, SF16
ALC16S02FLX-10		1000mm	F16, SF16

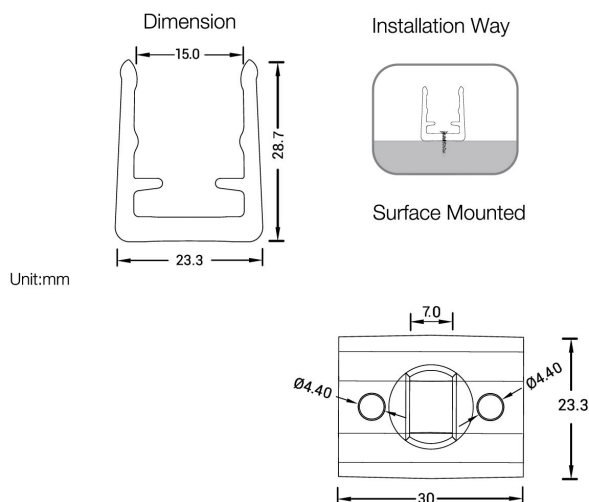


Installation Way

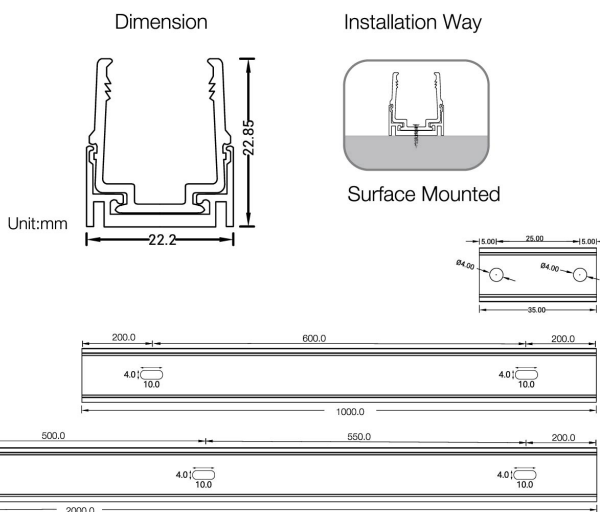


Model	W x H(mm)	Standard Length	Screw Holes	Holes Numbers	Suitable Product
SSC16S02-100	18.6*20.3	1000mm	⌀4.0x10mm	2	F16, SF16

LED LINEAR FLEX MOUNTING CHANNEL



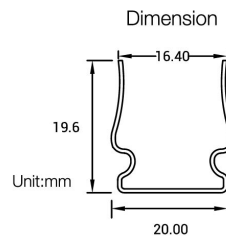
Model	W x H(mm)	Standard Length	Screw Holes	Holes Numbers	Suitable Product
SJJ-ZSH-008-PC	23.3*28.7	30mm	Φ4.40mm	2	F16, SF16



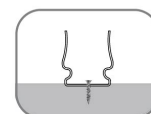
Model	W x H(mm)	Standard Length	Screw Holes	Holes Numbers	Suitable Product
ALC-PC18S01-ST-035	22.2*22.85	35mm	Φ4.0mm	2	F16, SF16
ALC-PC18S01-ST-100		1000mm	4.0x10mm	2	F16, SF16
ALC-PC18S01-ST-200		2000mm	4.0x10mm	4	F16, SF16

LED LINEAR FLEX MOUNTING CHANNEL

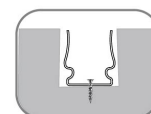
4. Stainless Steel Channel



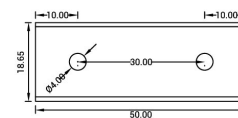
Installation Way



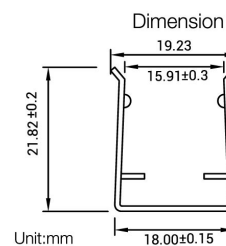
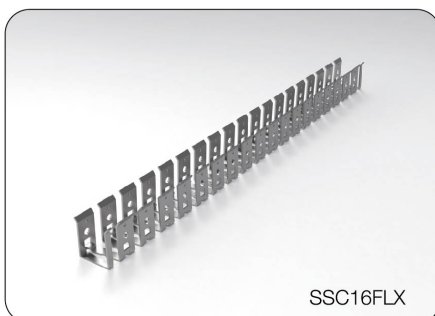
Surface Mounted



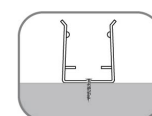
Recessed



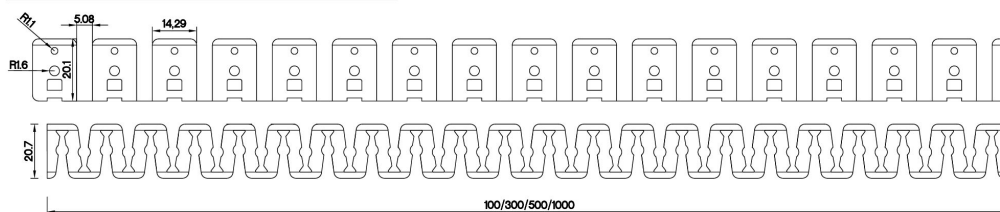
Model	W x H(mm)	Standard Length	Screw Holes	Holes Numbers	Suitable Product
SSC16S01-05	20.0*19.6	50mm	Φ4.0mm	2	F16, SF16



Installation Way



Surface Mounted



Model	W x H(mm)	Standard Length	Suitable Product
SSC16FLX01	18.15*22.0	100mm	F16, SF16
SSC16FLX03		300mm	F16, SF16
SSC16FLX05		500mm	F16, SF16
SSC16FLX10		1000mm	F16, SF16



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.*