COLORBEAM

DESCRIPTION

- Flexible horizontal bendable silicone LED neon tape
- Emits uniform dot-free soft light
- Flat surface with 120 degree beam angle
- 120 LEDs per meter, can be cut every 12 LEDs (100mm)
- Color /CCT: 1800K + 6500K
- Full encapsulated silicone jacket with IP68 level

MODEL CODES	DESCRIPTION
TAPE-120-NF16-18-65K-IP68	Neon 16 Flexible Tape, 1800K + 6500K, 12W/M, 120 LED pcs/M, 294lm/M, CRI>RA90, 120 LEDs/M, Width 16.5mm, Height 16.5mm, 24V, IP68

TL — Tunable Lighting

CRI 90+

-40°C / +55°C — Working Temperature

3 YEAR WARRANTY — 3 Year Limited Warranty

c UL us LISTED

1800K–6500K

Beam Angle 120° | One Bin | IP68 Submersible | LM-80 | Ambient Temp. 55°C / -40°C
UV Resistant | Anti-Yellowing | Flame Resistant | Saltwater Resist. | Solvents Resist.
IK08 | Dirt Resistant | UL Listed | RoHS | 5 years warranty

SPECIFICATIONS

LED Quantity	120 LEDs/M
Color /CCT	1800K + 6500K
CRI	>90
Luminous Flux per Meter	263 Lm + 294 Lm
Beam Angle	120°
Power Rating per Meter	12W
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	3 years

* All Neon Tapes are sold by meter.

16.5mm / 16.5mm — Dimension | Emitting Surface — Vertical Bending | 120mm — Min. Bending Diameter

APPLICATIONS

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

COLORBEAM

PHOTOMETRIC INFORMATION
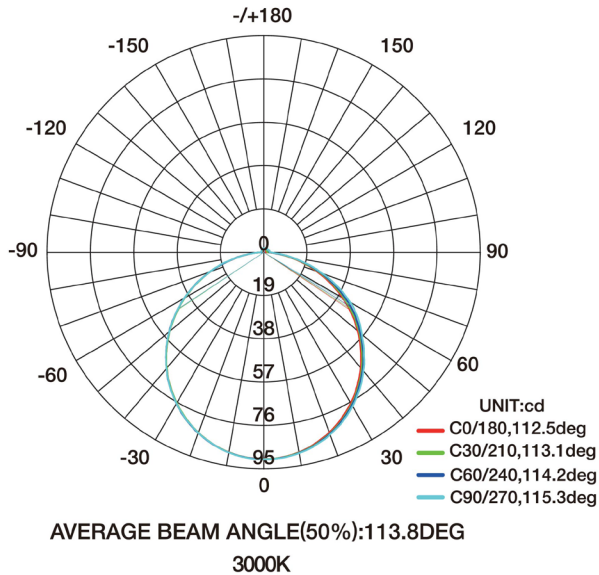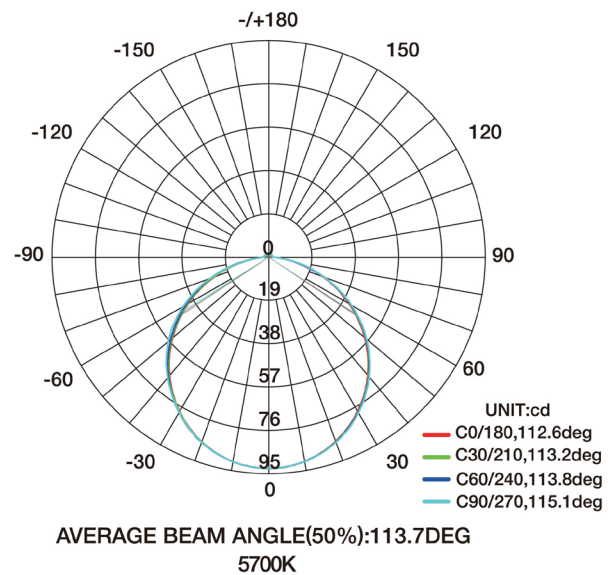
COLOR TEMPERATURE / 1800K

UNIT:cd
C0/180,112.5deg
C30/210,113.1deg
C60/240,114.2deg
C90/270,115.3deg

AVERAGE BEAM ANGLE(50%):113.8DEG

3000K

COLOR TEMPERATURE /6500K

UNIT:cd
C0/180,112.6deg
C30/210,113.2deg
C60/240,113.8deg
C90/270,115.1deg

AVERAGE BEAM ANGLE(50%):113.7DEG

5700K

White Color Charts

(X,Y) Chromaticit   y   Diagram

450 Montée de Liesse
Montreal, QC H4T 1N8
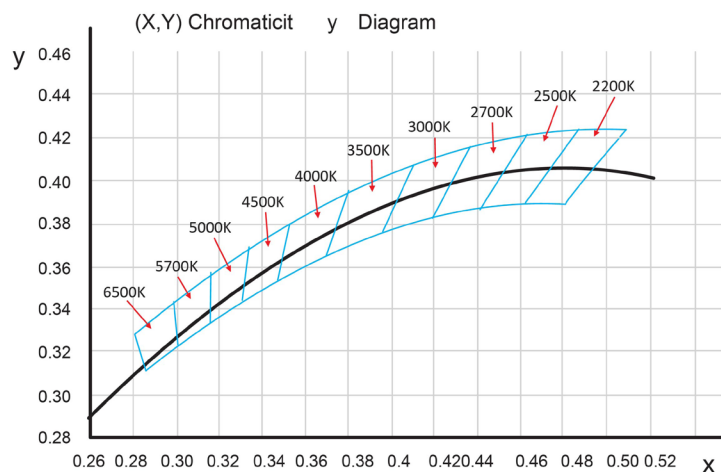
Tel: 844-301-CBNA (2262)   Email: info@colorbeamlighting.com

CONFIGURATION AND ACCESSORIES
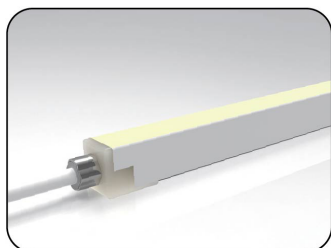
Direct Entry Connector
MJ-SF16-DW-D01/02/03
MJ-SF16-DW-D01SM
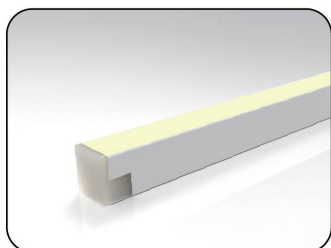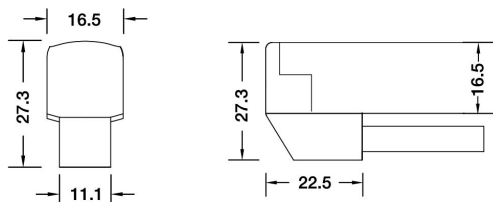MJ-SF16-DW-D02SF
MJ-SF16-DW-D03SFM
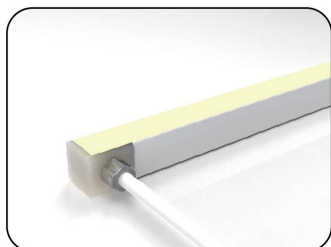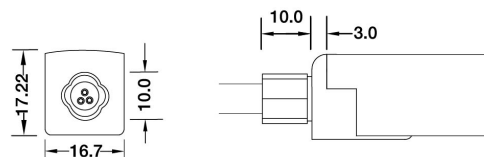
Side Entry Connector
MJ-SF16-DW-S01/02/03
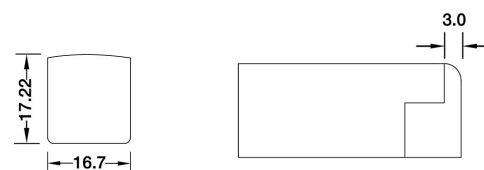MJ-SF16-DW-S01SM
MJ-SF16-DW-S02SF
MJ-SF16-DW-S03SFM
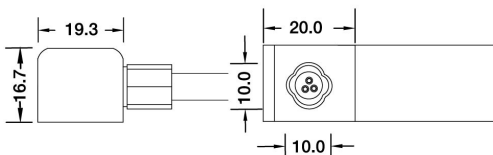
Bottom Entry Connector
MJ-SF16-DW-B01/02/03
MJ-SF16-DW-B01SM
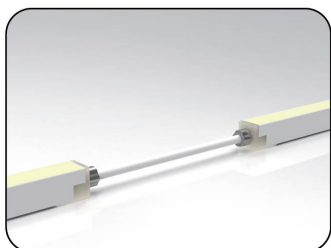MJ-SF16-DW-B02SF
MJ-SF16-DW-B03SFM
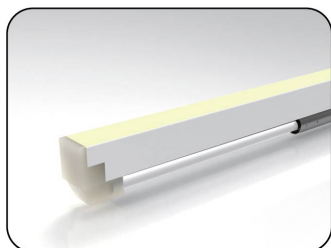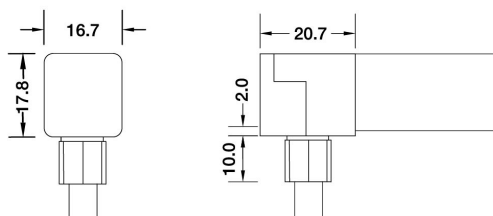
L Shape Entry Connector
MJ-SF16-DW-L01/02/03
MJ-SF16-DW-L01SM
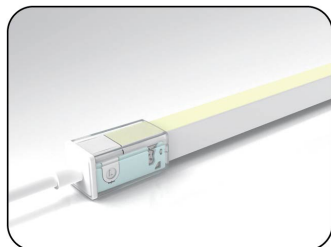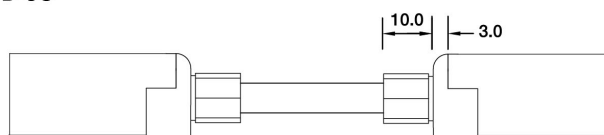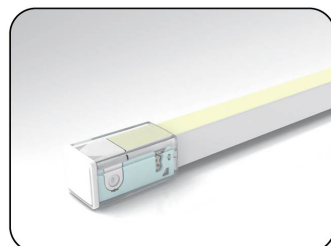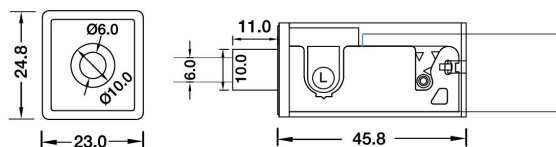MJ-SF16-DW-L02SF
MJ-SF16-DW-L03SFM

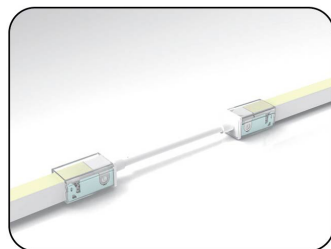End Cap

CONFIGURATION AND ACCESSORIES

Jumper
MJ-SF16-DW-D-JC

10.0   3.0

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

Ø6.0
Ø10.0
24.8
23.0

11.0
6.0
10.0
L
45.8

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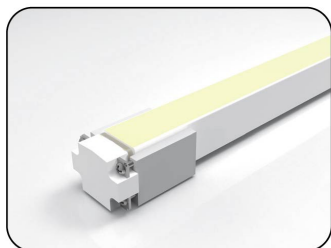DIY-SN-END-16-D-01/02

24.8
23.0

23.0
R
45.8
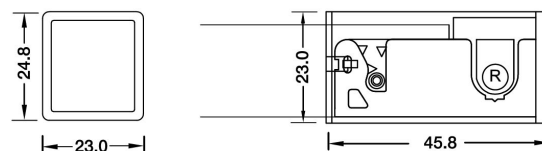
DIY Snap Connector Jumper
DIY-SN-EXT-16-DW

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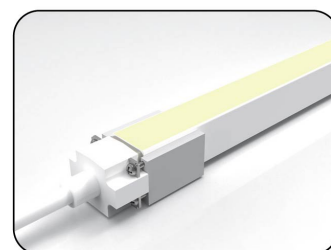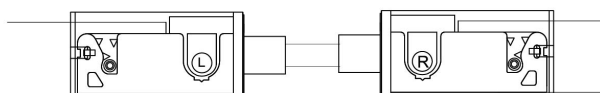
DIY Screw Connector
DIY-SC-FR-16-D-01/02-D3

19.0
24.98

22.2
19.0
17.2
25.8
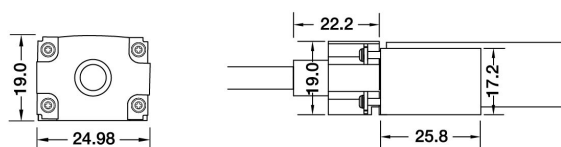
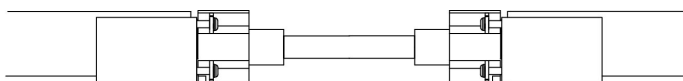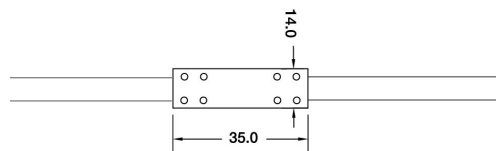## CONFIGURATION AND ACCESSORIES
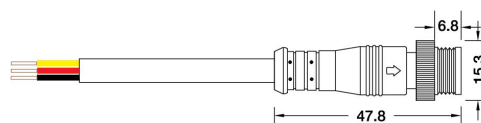

DIY Screw Connector
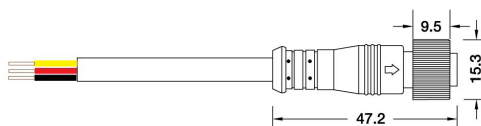DIY-SC-END-16
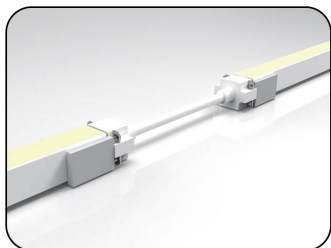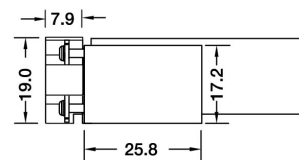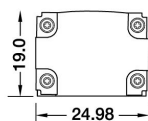
DIY Screw Extention Connector
DIY-SC-EXT-16-D3

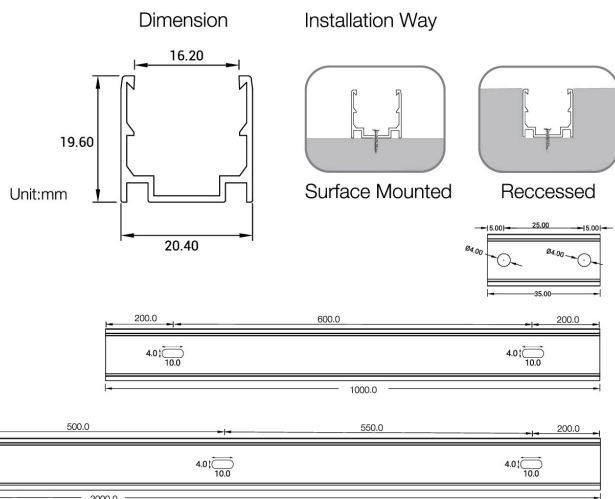
Waterproof Interrupter

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

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

LED LINEAR FLEX MOUNTING CHANNEL

1. Aluminum Channel

ALC16S02

Dimension
16.20
19.60
Unit:mm
20.40

Installation Way
Surface Mounted
Reccessed

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

ALC16S03

Dimension
16.30
19.60
Unit:mm
21.20

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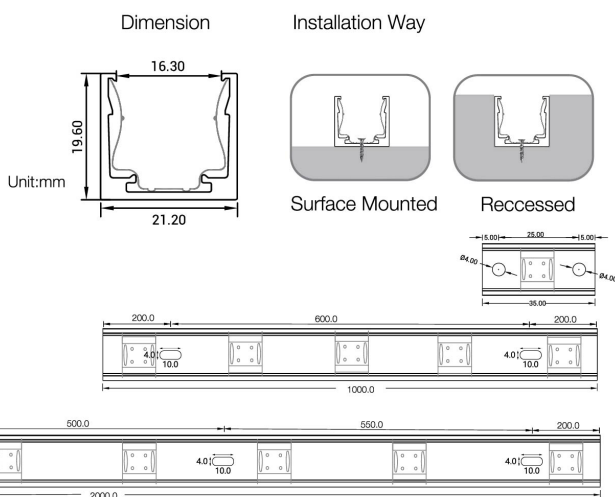
Model	W x H(mm)	Standard Length	Screw Holes	Holes Numbers	Clips	Suitable Product
ALC16S03-035	21.2*19.6	35mm	Φ4.0mm	2	1	F16, SF16
ALC16S03-100		1000mm	4.0x10mm	2	5	F16, SF16
ALC16S03-200		2000mm	4.0x10mm	4	8	F16, SF16

LED LINEAR FLEX MOUNTING CHANNEL

ALC16H01

Dimension

16.20
27.90
Unit:mm
20.40

Installation Way

Surface Mounted

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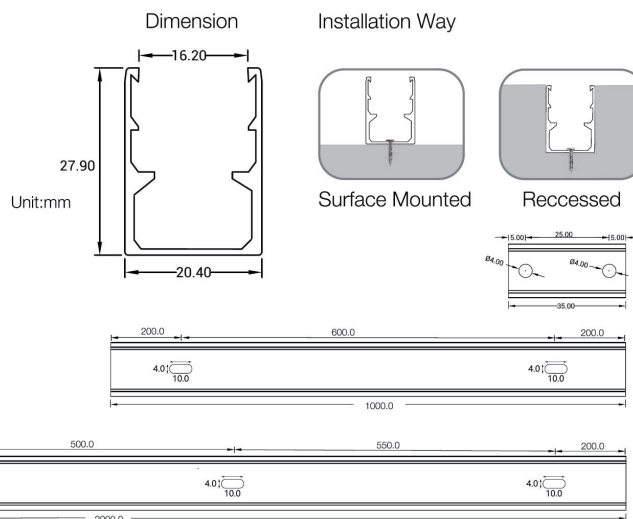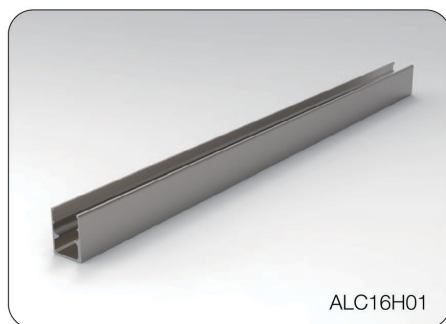
Model	W x H(mm)	Standard Length	Screw Holes	Holes Numbers	Suitable Product
ALC16H01-035		35mm	Φ4.0mm	2	F16, SF16
ALC16H01-100	20.4*27.9	1000mm	4.0x10mm	2	F16, SF16
ALC16H01-200		2000mm	4.0x10mm	4	F16, SF16

ALC16S04

Dimension

18.20
20.20
Unit:mm
26.00

Installation Way

Surface Mounted

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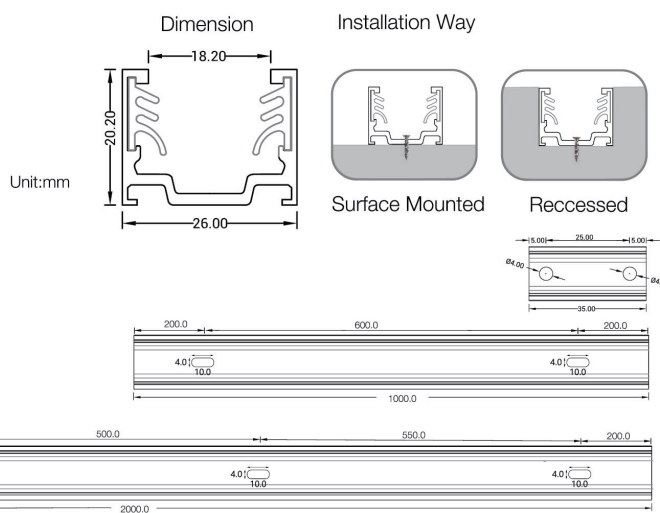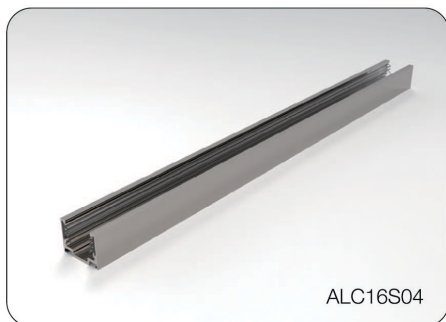
Model	W x H(mm)	Standard Length	Screw Holes	Holes Numbers	Clips	Suitable Product
ALC16S04-035		35mm	Φ4.0mm	2	2	F16, SF16
ALC16S04-100	26.0*20.2	1000mm	4.0x10mm	2	2	F16, SF16
ALC16S04-200		2000mm	4.0x10mm	4	2	F16, SF16

LED LINEAR FLEX MOUNTING CHANNEL

2. Flexible Aluminum Channel

ALC16S02FLX

Dimension

16.20
19.60
Unit:mm
20.40

Installation Way

Surface Mounted

5.0 14.0

500

5.0 14.0
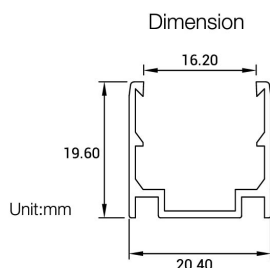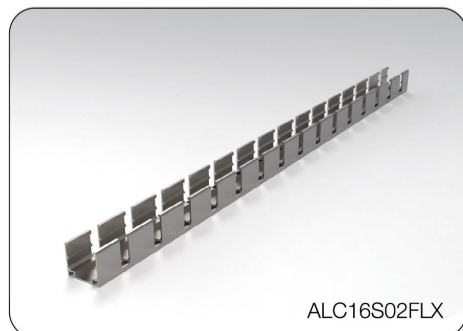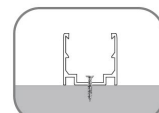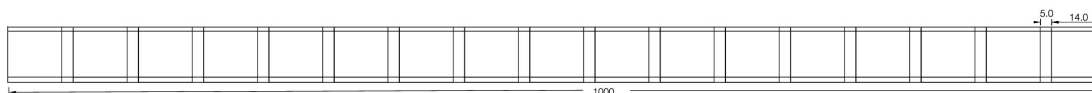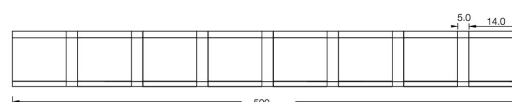
1000

Model	W x H(mm)	Standard Length	Suitable Product
ALC16S02FLX-05	20.4*19.6	500mm	F16, SF16
ALC16S02FLX-10		1000mm	F16, SF16
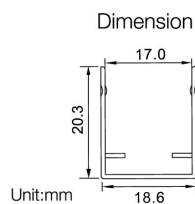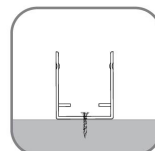
SSC16S02-100

Dimension

17.0
20.3
Unit:mm
18.6

Installation Way

Surface Mounted   Reccessed

15.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 50.0 15.0

1000.0
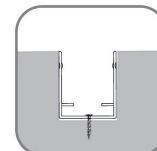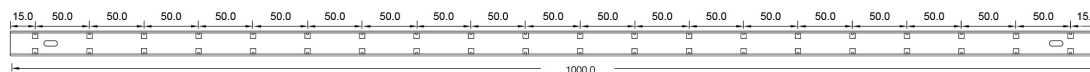
Model	W x H(mm)	Standard Length	Screw Holes	Holes Numbers	Suitable Product
SSC16S02-100	18.6*20.3	1000mm	4.0x10mm	2	F16, SF16
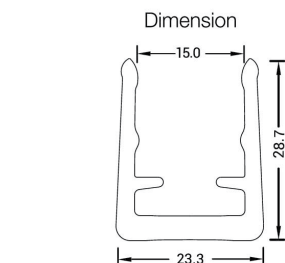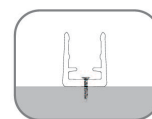
www.colorbeamlighting.com

LED LINEAR FLEX MOUNTING CHANNEL

SJJ-ZSH-008-PC

Dimension

15.0
28.7
23.3

Unit:mm

Installation Way

Surface Mounted

7.0
Ø4.40
Ø4.40
23.3
30
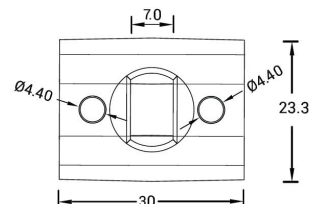
Model	W x H(mm)	Standard Length	Screw Holes	Holes Numbers	Suitable Product
SJJ-ZSH-008-PC	23.3*28.7	30mm	Φ4.40mm	2	F16, SF16
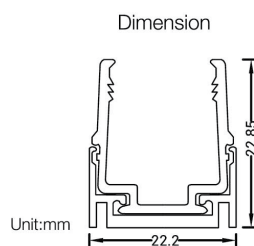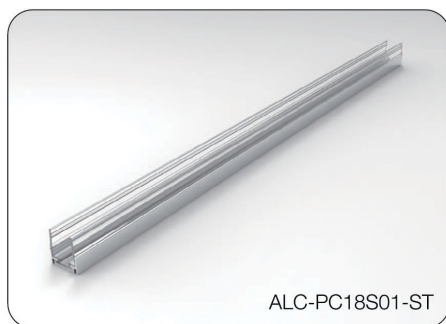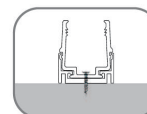
ALC-PC18S01-ST

Dimension

22.85
22.2

Unit:mm

Installation Way

Surface Mounted

5.00 25.00 5.00
Ø4.00   Ø4.00
35.00

200.0   600.0   200.0
4.0 / 10.0   4.0 / 10.0
1000.0

200.0   550.0   500.0   550.0   200.0
4.0 / 10.0   4.0 / 10.0   4.0 / 10.0   4.0 / 10.0
2000.0
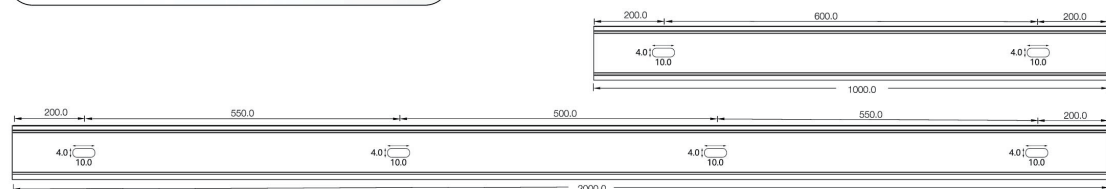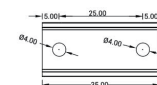
Model	W x H(mm)	Standard Length	Screw Holes	Holes Numbers	Suitable Product
ALC-PC18S01-ST-035		35mm	Φ4.0mm	2	F16, SF16
ALC-PC18S01-ST-100	22.2*22.85	1000mm	4.0x10mm	2	F16, SF16
ALC-PC18S01-ST-200		2000mm	4.0x10mm	4	F16, SF16

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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.