



## SPECIFICATION SHEET

# TAPE-120-NF15-BI

### 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



Tunable Lighting



Working Temperature



3 Year Limited  
Warranty



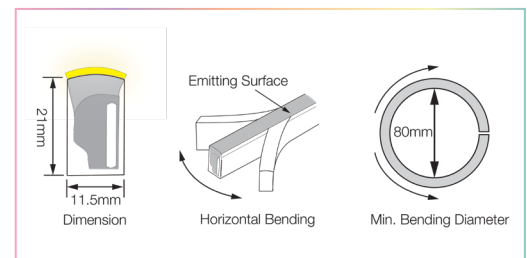
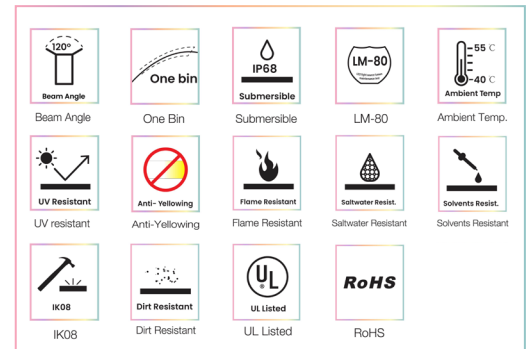
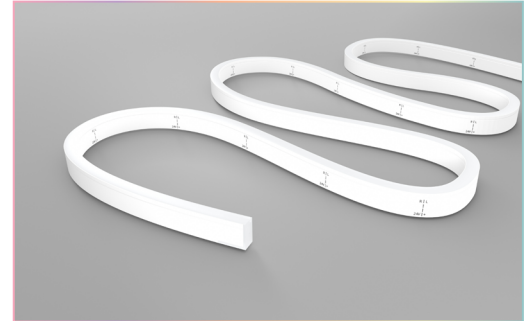
1800K-6500K

### SPECIFICATIONS

|                             |                                                                                 |
|-----------------------------|---------------------------------------------------------------------------------|
| LED Quantity                | 120 LEDs/M                                                                      |
| Color /CCT                  | 1800K + 6500K                                                                   |
| CRI                         | >90                                                                             |
| Luminous Flux per Meter     | 220 Lm + 265 Lm                                                                 |
| Beam Angle                  | 120°                                                                            |
| Power Rating per Meter      | 12W                                                                             |
| Input Voltage               | 24V                                                                             |
| Housing Material            | Eco PVC or Silicone                                                             |
| Minimum Bend Diameter       | 80mm                                                                            |
| 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-NF15-18-65K-IP68 | Neon 15 Flexible Tape, 1800K + 6500K, 12W/M, 120 LED pcs/M, 296lm/M, CRI-RA90, 120 LEDs/M, Width 11.5mm, Height 21mm, 24V, IP68 |



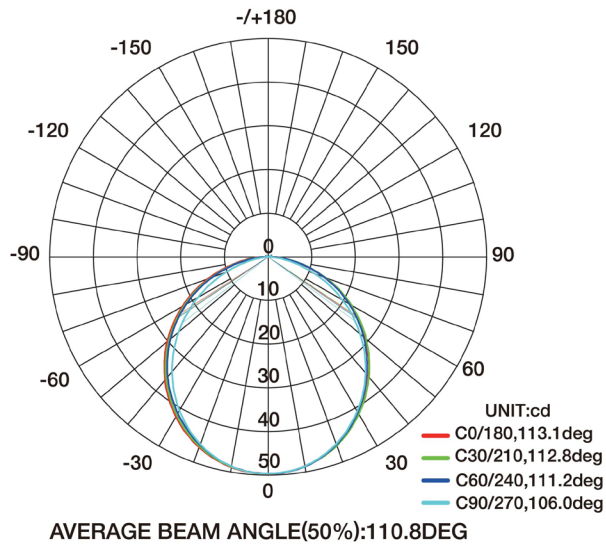
### APPLICATIONS

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

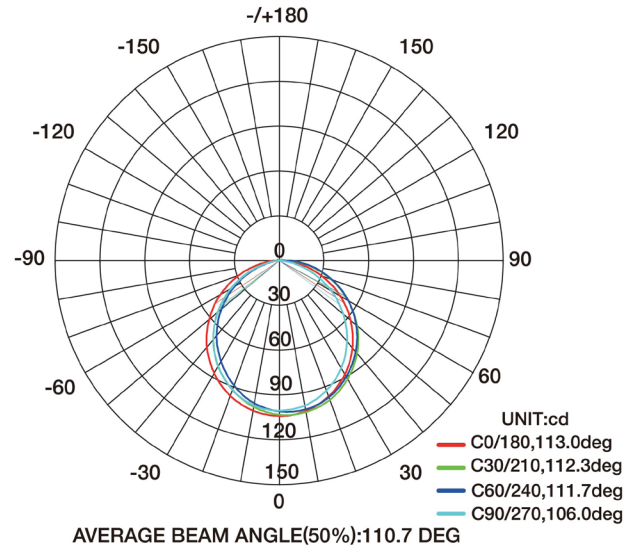
[www.colorbeamlighting.com](http://www.colorbeamlighting.com)

### PHOTOMETRIC INFORMATION

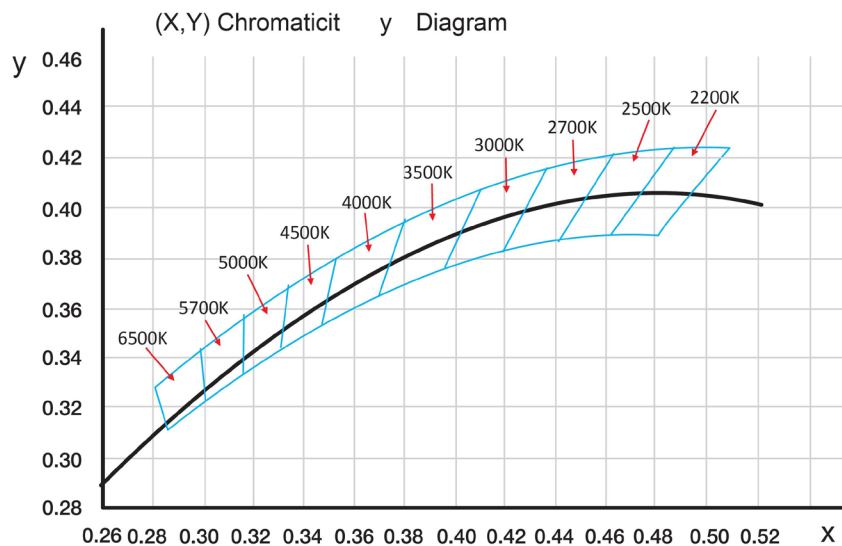
COLOR TEMPERATURE / 1800K



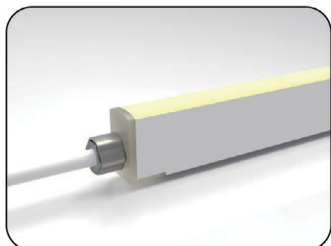
COLOR TEMPERATURE / 6500K



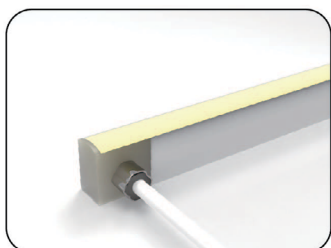
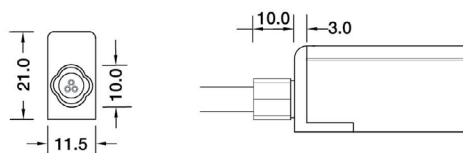
### White Color Charts



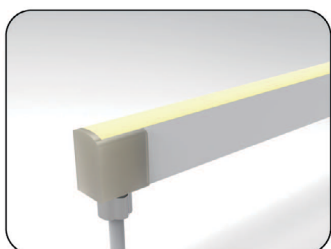
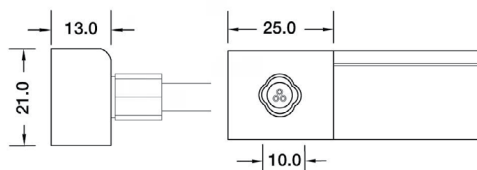
### CONFIGURATION AND ACCESSORIES



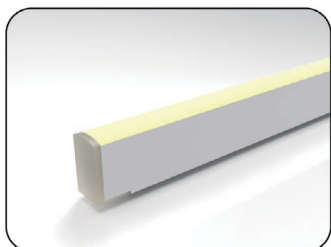
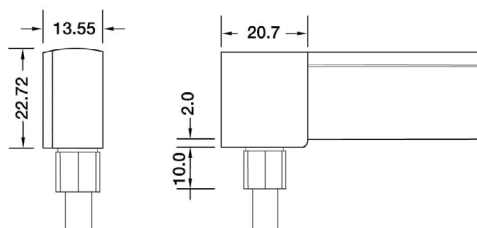
Direct Entry Connector  
 MJ-SF15-DW-D01/02/03  
 MJ-SF15-DW-D01SM  
 MJ-SF15-DW-D02SF  
 MJ-SF15-DW-D03SFM



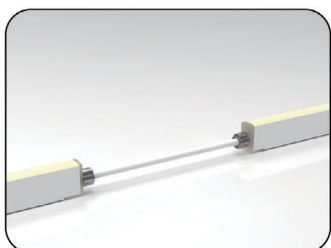
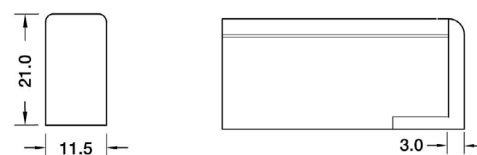
Side Entry Connector  
 MJ-SF15-DW-S01/02/03  
 MJ-SF15-DW-S01SM  
 MJ-SF15-DW-S02SF  
 MJ-SF15-DW-S03SFM



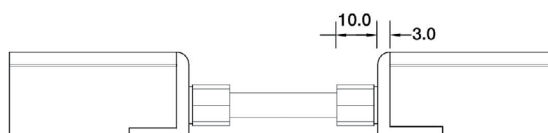
Bottom Entry Connector  
 MJ-SF15-DW-B01/02/03  
 MJ-SF15-DW-B01SM  
 MJ-SF15-DW-B02SF  
 MJ-SF15-DW-B03SFM



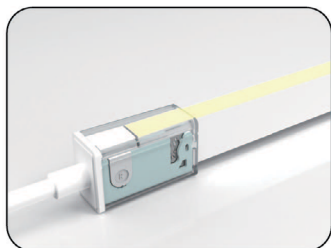
End Cap



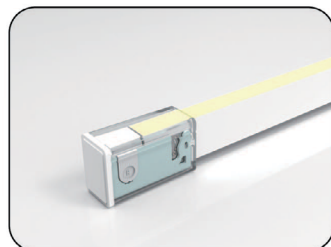
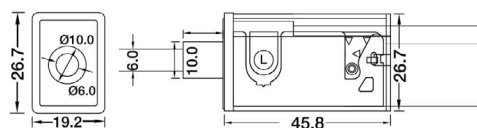
Jumper  
 MJ-SF15-DW-D-JC



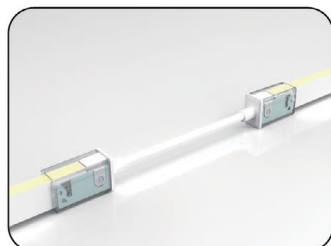
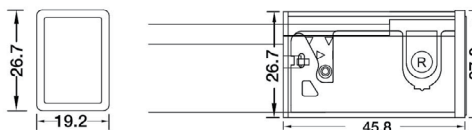
### CONFIGURATION AND ACCESSORIES



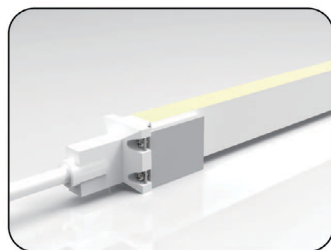
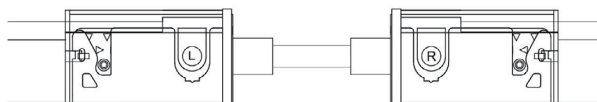
DIY Snap Connector  
DIY-SN-FR-15-D-01/02-D3



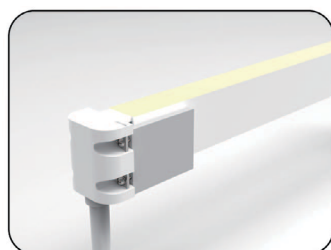
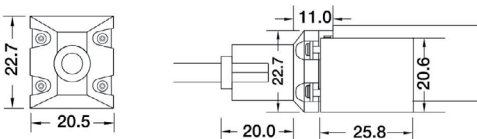
DIY Snap End Cap  
DIY-SN-END-15-D-01/02



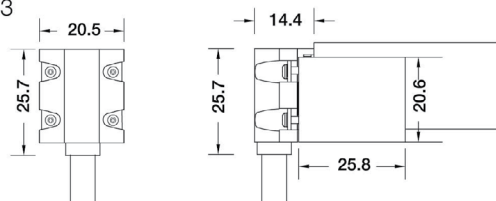
DIY Snap Extension Connector  
DIY-SN-EXT-15-D3



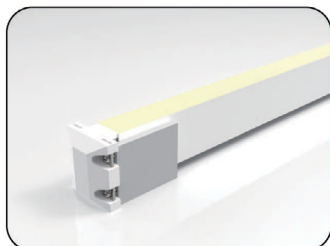
DIY Screw Connector  
DIY-SC-FR-15-D-01/02-D3



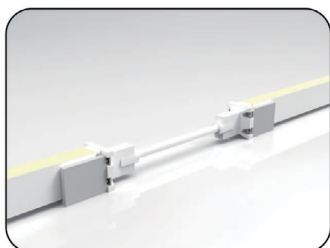
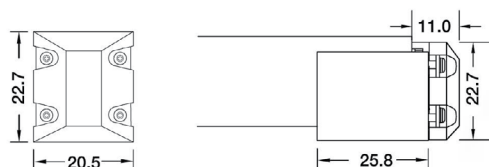
DIY Screw Connector  
DIY-SC-FR-15-B-01/02-D3



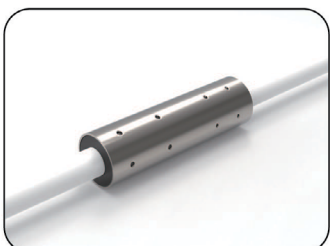
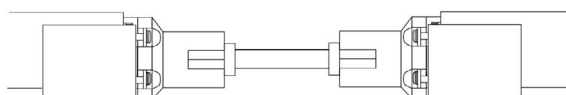
### CONFIGURATION AND ACCESSORIES



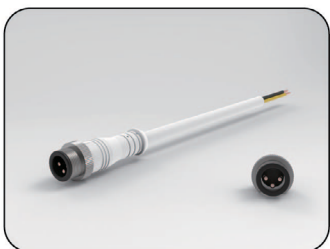
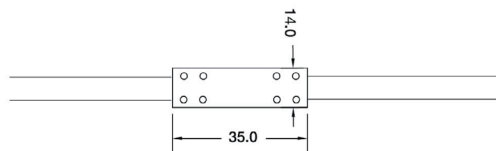
DIY Screw Connector  
DIY-SC-END-15



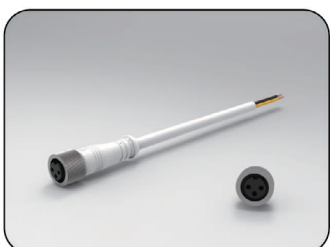
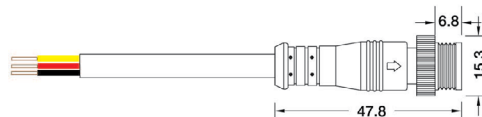
DIY Screw Extension Connector  
DIY-SC-EXT-15-D3



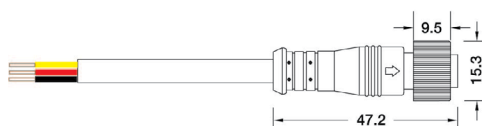
Waterproof Interrupter



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

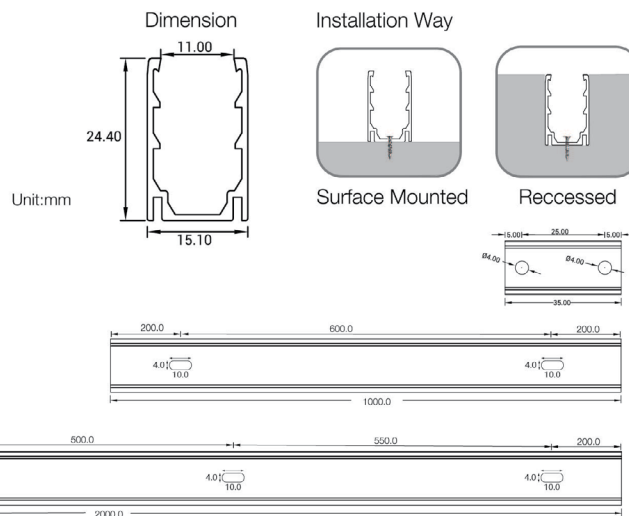


Female Connector  
SYZ-M12-F-3C-05-W

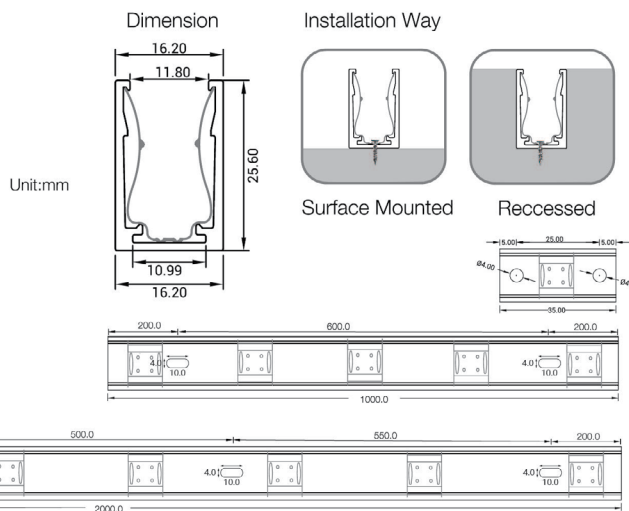
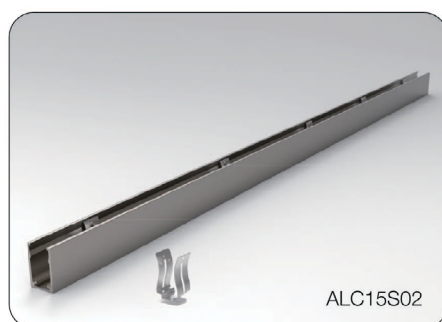


#### LED LINEAR FLEX MOUNTING CHANNEL

##### 1. Aluminum Channel

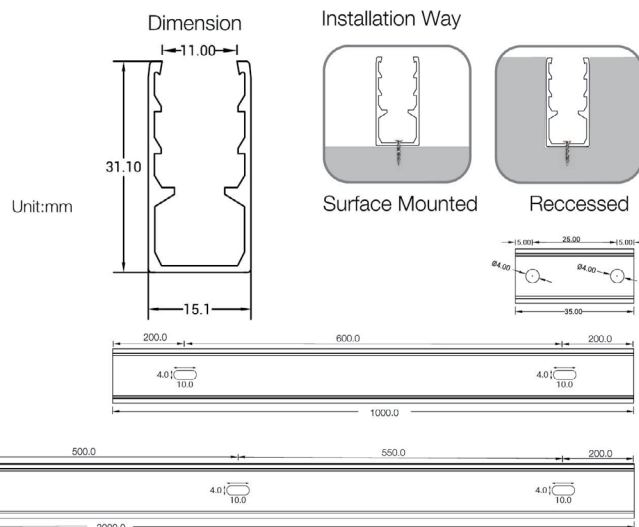
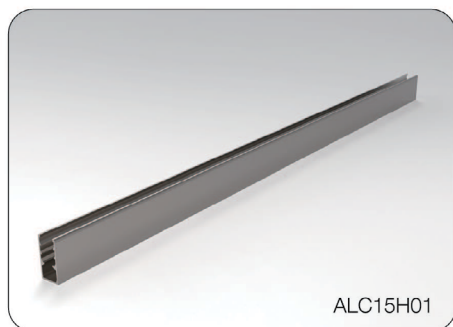


| Model        | W x H(mm) | Standard Length | Screw Holes | Holes Numbers | Suitable Product |
|--------------|-----------|-----------------|-------------|---------------|------------------|
| ALC15S01-035 | 15.1*24.4 | 35mm            | Φ4.0mm      | 2             | F15 , SF15       |
| ALC15S01-100 |           | 1000mm          | 4.0x10mm    | 2             | F15 , SF15       |
| ALC15S02-200 |           | 2000mm          | 4.0x10mm    | 4             | F15 , SF15       |

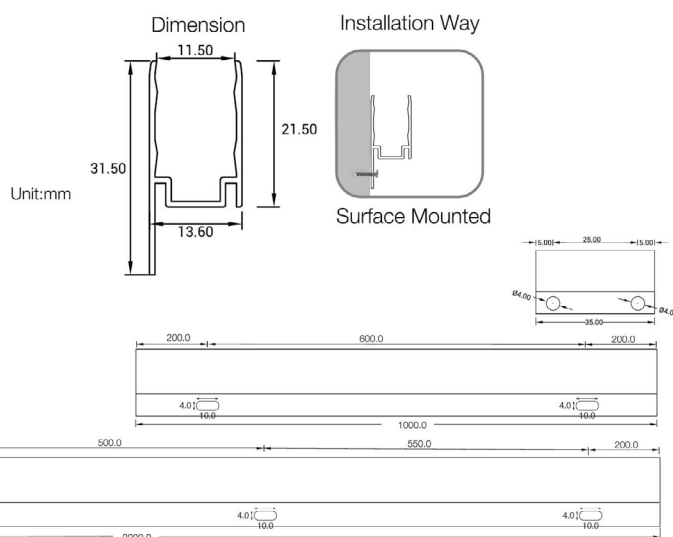
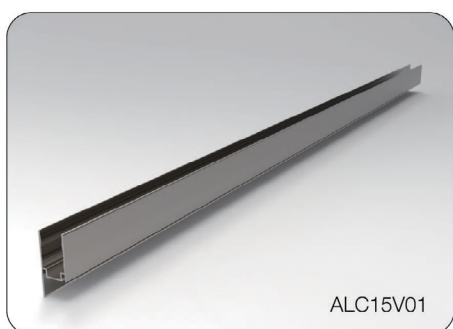


| Model        | W x H(mm) | Standard Length | Screw Holes | Holes Numbers | Clips | Suitable Product |
|--------------|-----------|-----------------|-------------|---------------|-------|------------------|
| ALC15S02-035 | 16.2*25.6 | 35mm            | Φ4.0mm      | 2             | 1     | F15 , SF15       |
| ALC15S02-100 |           | 1000mm          | 4.0x10mm    | 2             | 5     | F15 , SF15       |
| ALC15S02-200 |           | 2000mm          | 4.0x10mm    | 4             | 8     | F15 , SF15       |

### LED LINEAR FLEX MOUNTING CHANNEL



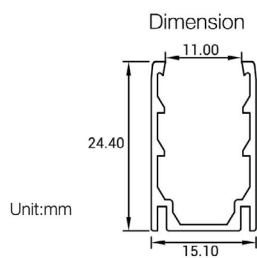
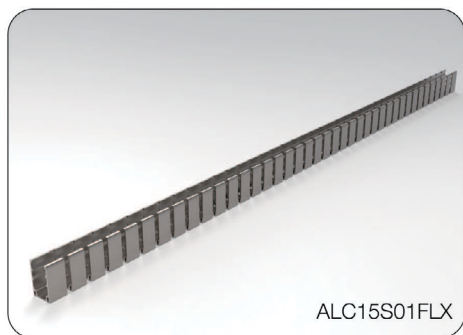
| Model        | W x H(mm) | Standard Length | Screw Holes | Holes Numbers | Suitable Product |
|--------------|-----------|-----------------|-------------|---------------|------------------|
| ALC15H01-035 | 15.1*31.1 | 35mm            | Φ4.0mm      | 2             | F15, SF15        |
| ALC15H01-100 |           | 1000mm          | 4.0x10mm    | 2             | F15, SF15        |
| ALC15H01-200 |           | 2000mm          | 4.0x10mm    | 4             | F15, SF15        |



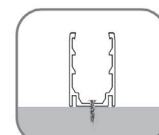
| Model        | W x H(mm) | Standard Length | Screw Holes | Holes Numbers | Suitable Product |
|--------------|-----------|-----------------|-------------|---------------|------------------|
| ALC15V01-035 | 13.6*31.5 | 35mm            | Φ4.0mm      | 2             | F15, SF15        |
| ALC15V01-100 |           | 1000mm          | 4.0x10mm    | 2             | F15, SF15        |
| ALC15V01-200 |           | 2000mm          | 4.0x10mm    | 4             | FF15, SF15       |

## LED LINEAR FLEX MOUNTING CHANNEL

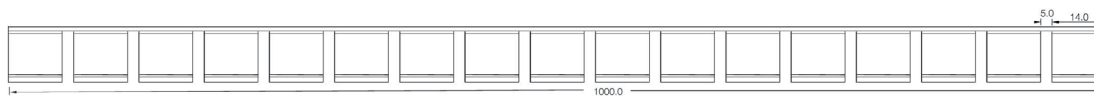
### Flexible Aluminum Channel



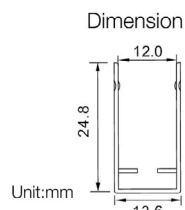
Installation Way



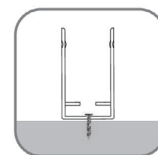
Surface Mounted



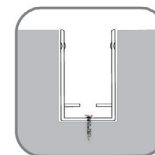
| Model           | W x H(mm) | Standard Length | Suitable Product |
|-----------------|-----------|-----------------|------------------|
| ALC15S01FLX-50  | 15.1*24.4 | 500mm           | F15, SF15        |
| ALC15S01FLX-100 |           | 1000mm          | F15, SF15        |



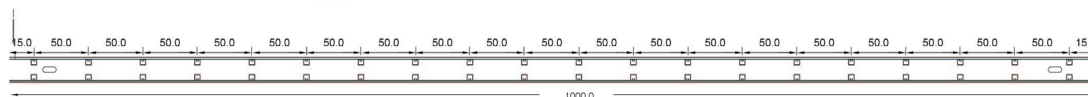
Installation Way



Surface Mounted



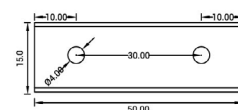
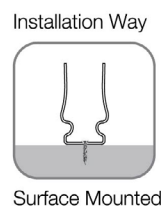
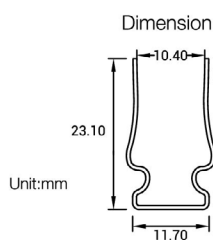
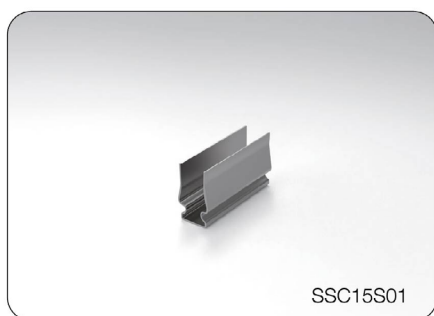
Recessed



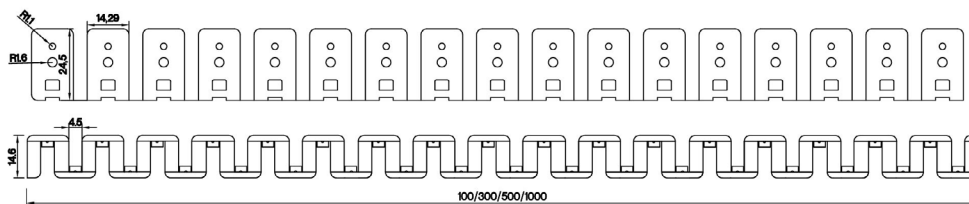
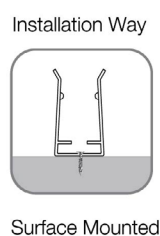
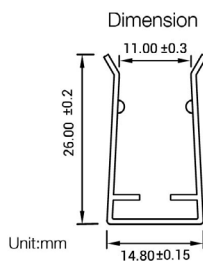
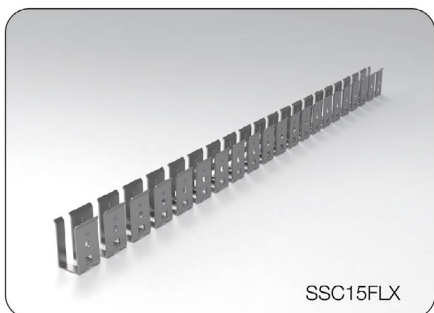
| Model        | W x H(mm) | Standard Length | Screw Holes | Holes Numbers | Suitable Product |
|--------------|-----------|-----------------|-------------|---------------|------------------|
| SSC15S02-100 | 13.6*24.8 | 1000mm          | 4.0x10mm    | 2             | F15, SF15        |

## LED LINEAR FLEX MOUNTING CHANNEL

### Stainless steel Channel



| Model       | W x H(mm) | Standard Length | Screw Holes | Holes Numbers | Suitable Product |
|-------------|-----------|-----------------|-------------|---------------|------------------|
| SSC15S01-05 | 11.7*23.1 | 50mm            | Φ4.0mm      | 2             | F15, SF15        |



| Model       | W x H(mm) | Standard Length | Suitable Product |
|-------------|-----------|-----------------|------------------|
| SSC15 FLX01 | 14.8*26.0 | 100mm           | F15, SF15        |
| SSC15FLX03  |           | 300mm           | F15, SF15        |
| SSC15FLX05  |           | 500mm           | F15, SF15        |
| SSC15FLX10  |           | 1000mm          | F15, SF15        |



## SPECIFICATION SHEET

# TAPE-120-NF15-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.