

LFX NEON SERIES 08 SPEC SHEET



LFX-N-08 -MONO 24V



The YYZ LFX Neon series delivers exceptionally bright, crisp, and uniformly homogenized illumination that effortlessly enhances any building, structure, or artistic creation. Featuring high-brightness surface mounted LEDs encased behind eco-friendly, UV-resistant silicone polymer, this flexible lighting solution produces consistent, vibrant traces of light in shades of white or a range of single colors without any LED hotspots. Designed with versatility in mind, the LFX Neon boasts a transverse minimum radius of 75mm and offers horizontal bending capabilities. Additionally, it is easy to install, customizable through cutting and reconnecting with an IP68-protected connector, and available in standard 5-meter rolls or tailored lengths to meet your project's unique requirements.



SPECIFICATION

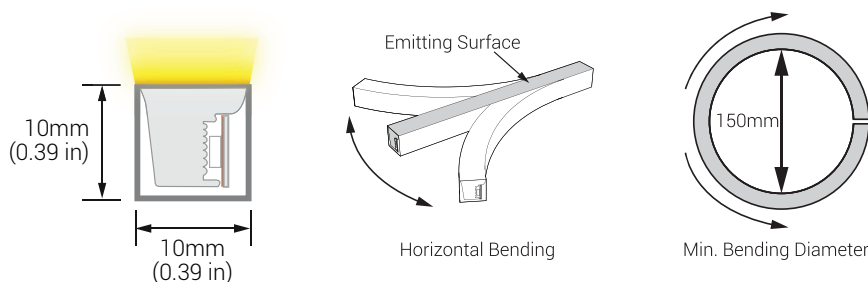
OPERATING VOLTAGE	24V DC
POWER	10W / m (3W / ft)
LED COUNT	120LEDs/m (36LEDs / ft)
CUTTING UNIT	12 LEDs
CUTTING LENGTH	100 mm (3.94 in)
MIN. BEND DIA.	150mm (5.9 in)
LED SOURCE	SMD LED 2835
CCT	2200K, 2700K, 3000K, 3500K, 4000K, 4500K, 5000K, 6500K, Green, Blue, Red
CRI	>80, >90
BINNING	One Bin
MAX. RUN LENGTH	16.40 ft / 5 m(Single Feed), 32.80 ft / 10 m (Double Feed)
BEAM ANGLE	120°
LAMP LIFE	70,000 hours L70@25°C, 50,000 hours L70@50°C
MATERIAL	Silicone
OPERATING TEMP	-40°C to +55°C
IP RATING	IP68
IK RATING	IK08
WARRANTY	5 years

-  **SMD LED 2835**
LED Quality
-  **24V DC**
Working Voltage
-  **10W/m**
Rated power

DELIVERED LUMENS BY CCT

Color	lm/m	lm/ft
2200K	544 lm/m	166 lm/ft
2700K	553 lm/m	169 lm/ft
3000K	662 lm/m	202 lm/ft
3500K	630 lm/m	192 lm/ft
4000K	648 lm/m	198 lm/ft
4500K	640 lm/m	195 lm/ft
5000K	647 lm/m	197 lm/ft
6500K	660 lm/m	201 lm/ft
Green	440 lm/m	134 lm/ft
Blue	62 lm/m	19 lm/ft
Red	190 lm/m	58 lm/ft

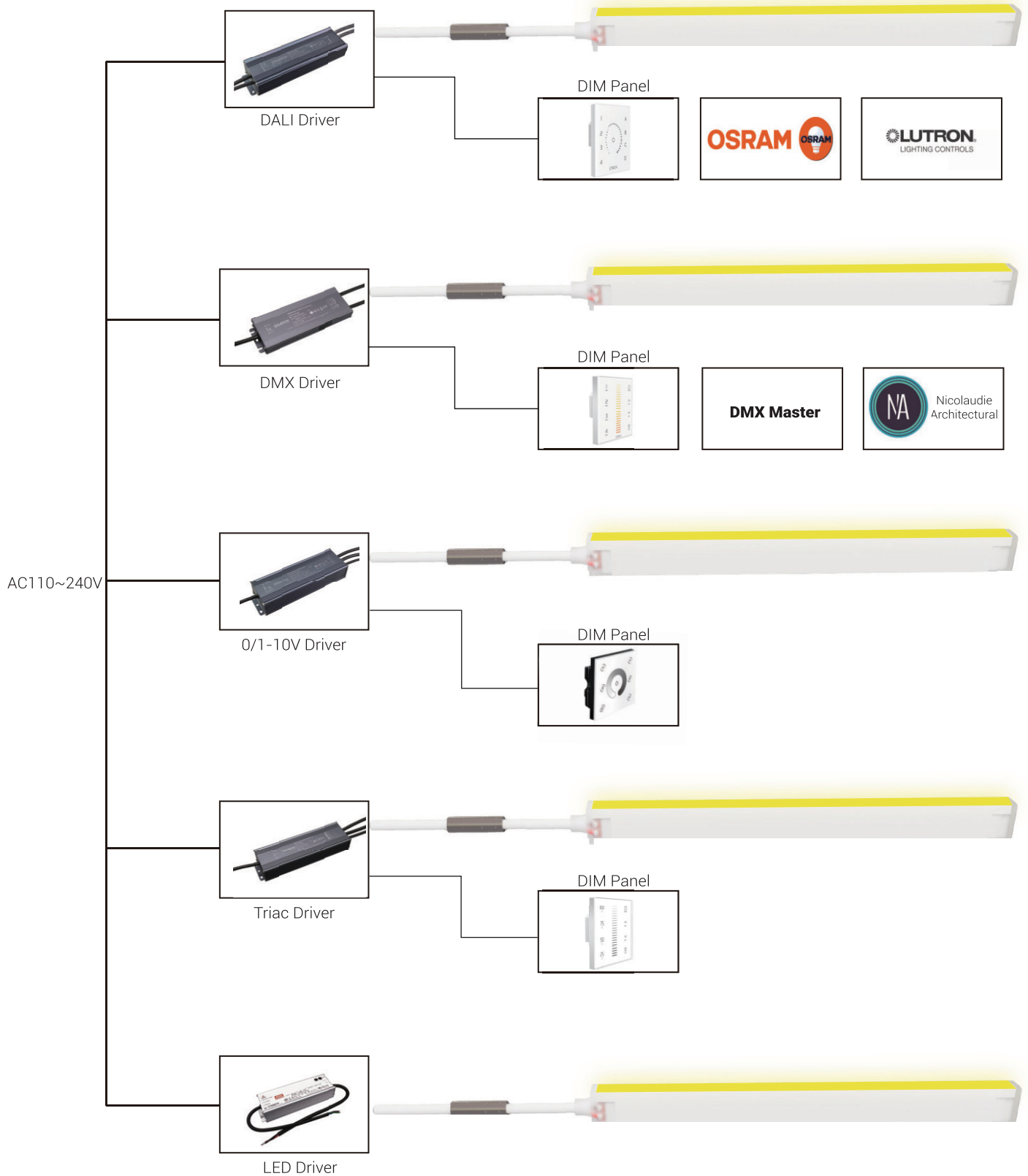
DIMENSION



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CONNECTION DIAGRAM



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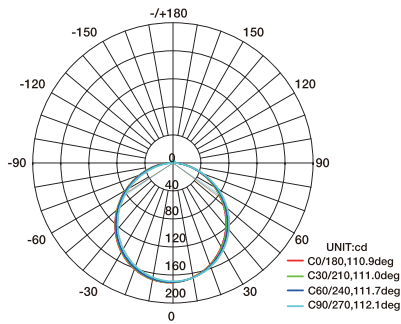
ORDERING CODE

PRODUCT	TYPE	MODEL	BENDING	POWER	VOLTAGE	CRI	COLOR	CONTROL
LFX	N - Neon	08 - 08	HB - Horizontal Bending	10 - 10W	DC - 24 VDC	80 - 80 CRI 90 - 90 CRI	CT 22 - 2200K CT 27 - 2700K CT 30 - 3000K CT 35 - 3500K CT 40 - 4000K CT 45 - 4500K CT 50 - 5000K CT 65 - 6500K GR - Green BL - Blue RE - Red	SW - Switch DALI - DALI DMX - DMX DIM - 0/1-10V TRI - TRIAC

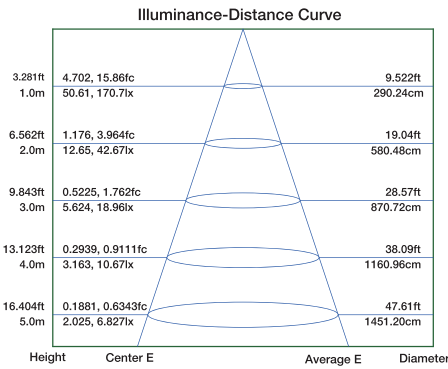
Sample: LFX-N-08-HB-10-DC-80-CT22-SW

PHOTOMETRIC DATA

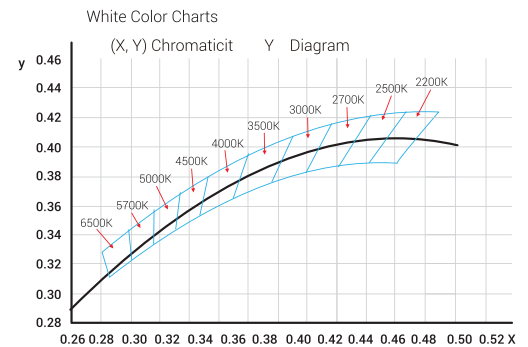
Illuminance Distribution



AVERAGE BEAM ANGLE(50%):111.4DEG

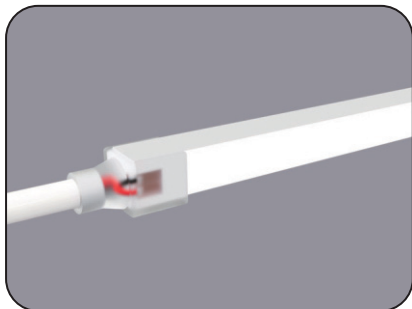


Beam Angle:115.8DEG

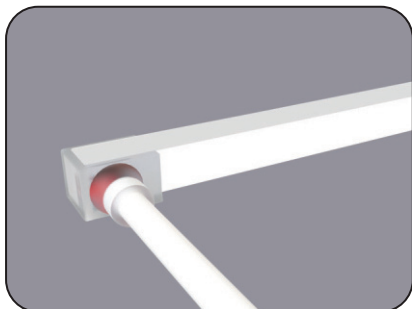
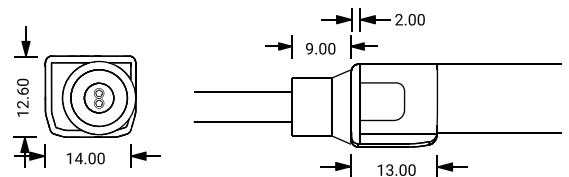


ACCESSORIES

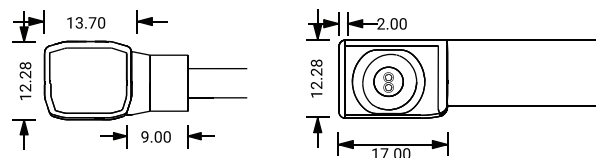
MOLD INJECTION CONNECTOR (IP68 Factory Assembly Only)



Direct Entry Connector
MJ-LFX08-A-D01/02/03
MJ-LFX08-A-D01SM
MJ-LFX08-A-D02SF
MJ-LFX08-A-D03SFM

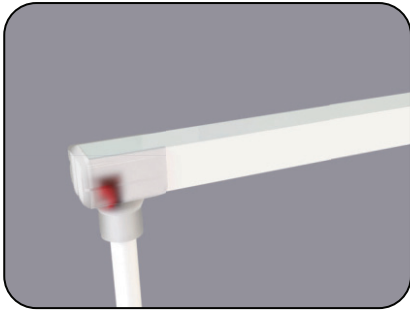


Side Entry Connector
MJ-LFX08-A-S01/02/03
MJ-LFX08-A-S01SM
MJ-LFX08-A-S02SF
MJ-LFX08-A-S03SFM

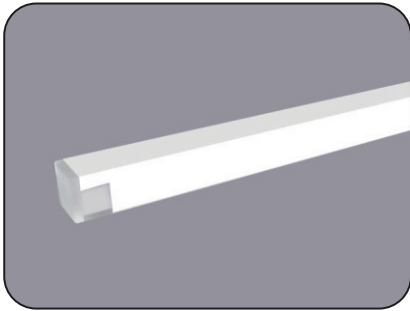
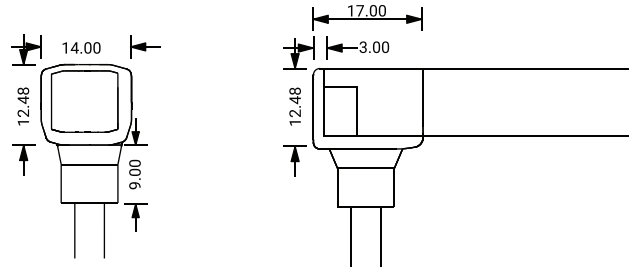


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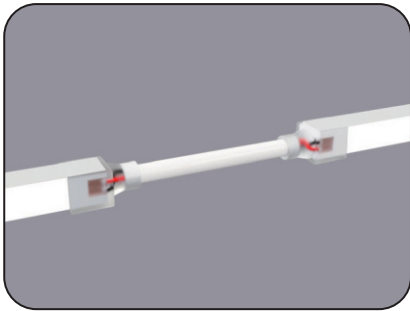
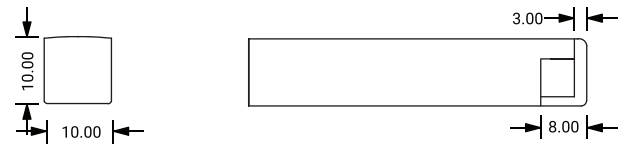
LFX-N-08 -MONO 24V



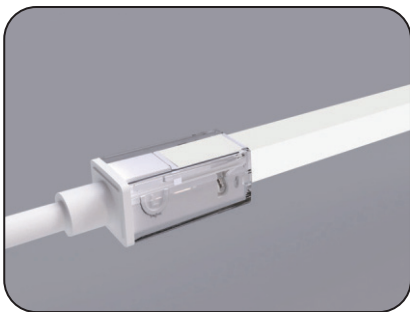
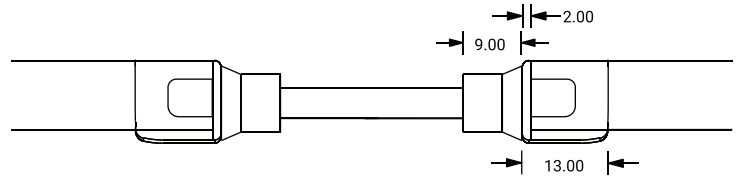
Bottom Entry Connector
MJ-LFX08-A-B01/02/03
MJ-LFX08-A-B01SM
MJ-LFX08-A-B02SF
MJ-LFX08-A-B03SFM



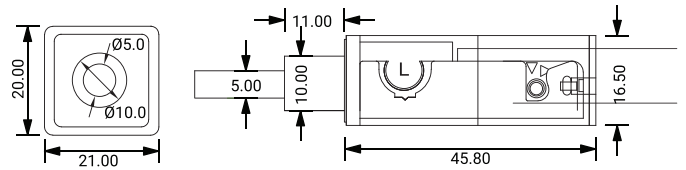
End Cap



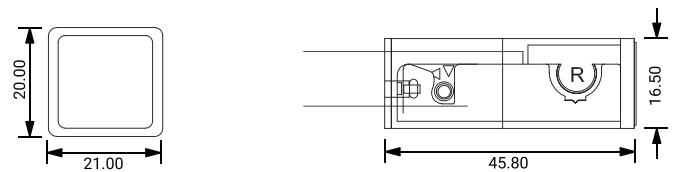
Jumper
MJ-LFX06-A-D-JC



DIY Snap Connector
DIY-SN-FR-08-D-01/02-A

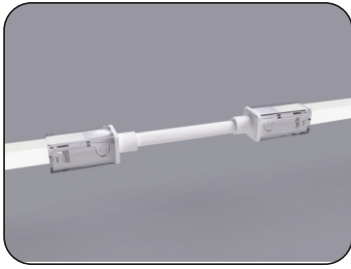


DIY Snap End Cap
DIY-SN-END-08-D-01/02

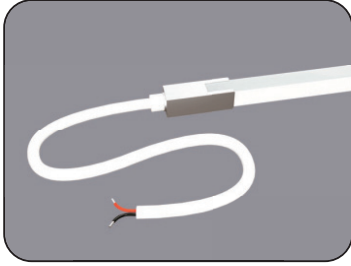
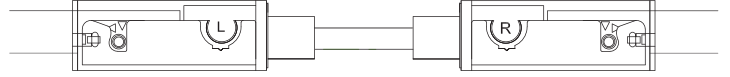


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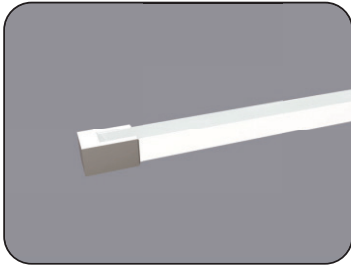
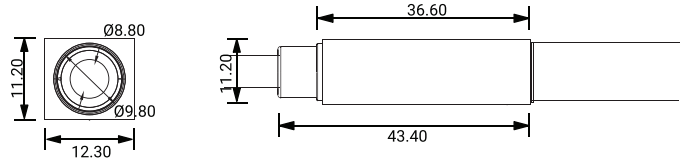
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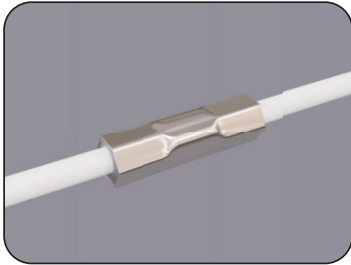
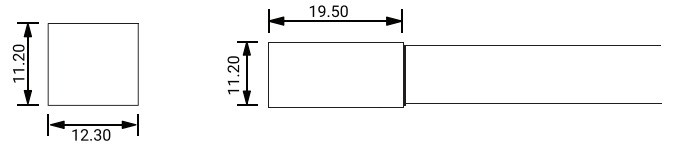
DIY Snap Extent Connector
DIY-SN-EXT-08-A



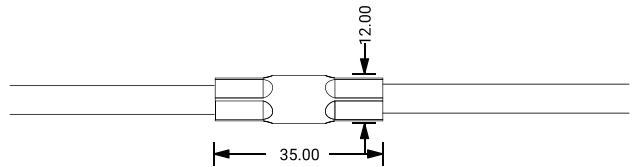
DIY Quick Connective Connector
DIY-QC-FR-08-D-01/02-A



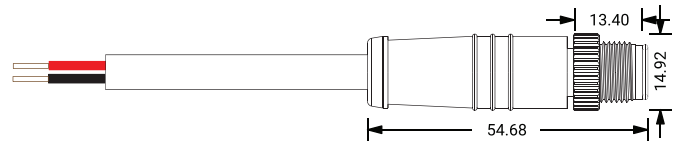
DIY Quick Connective End Cap
DIY-QC-END-08



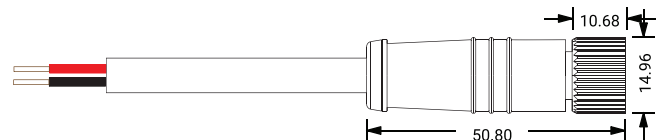
Waterproof Interrupter



Male Connector
M12-M-2C-18AWG-D6-W-0327-S



Female Connector
M12-F-2C-18AWG-D6-W-0327-S



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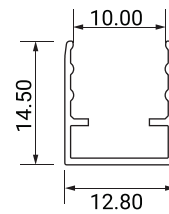
LFX-N-08 -MONO 24V



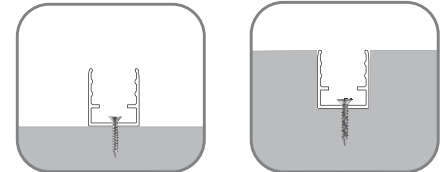
ALUMINUM CHANNEL



Dimension

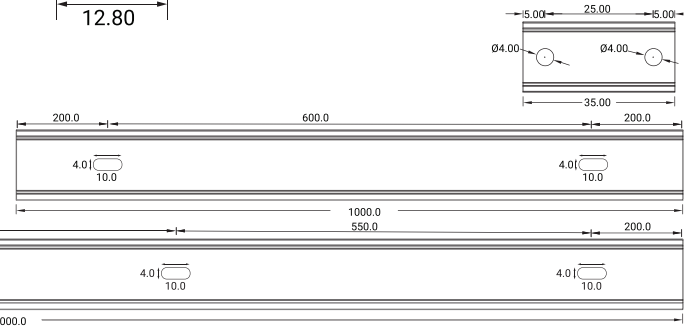


Installation Way



Surface Mounted

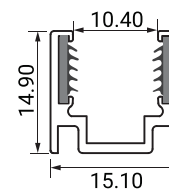
Recessed



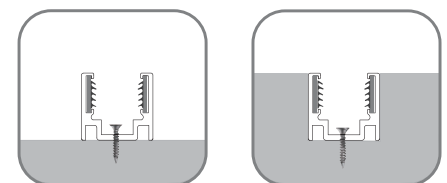
Model	W x H (mm)	Standard Length	Screw Holes	Holes Numbers
ALC08S01-035	12.80 x 14.50	35mm	Ø4.00mm	2
ALC08S01-100		1000mm	4.00mm	2
ALC08S01-200		2000mm	4.00mm	4



Dimension

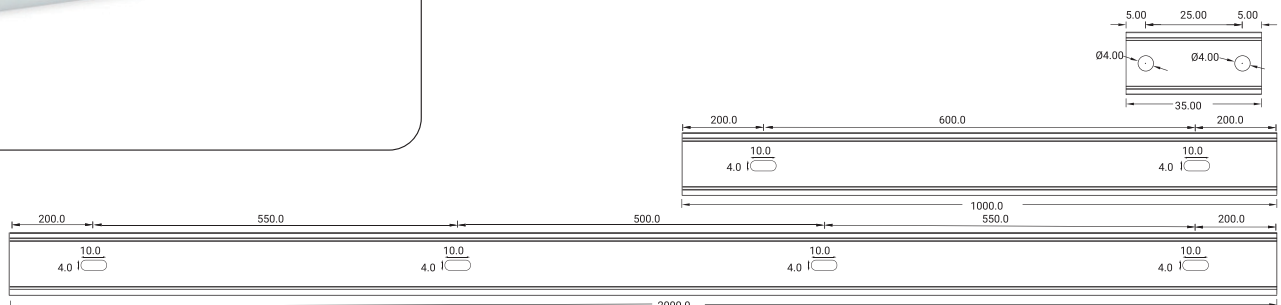


Installation Way



Surface Mounted

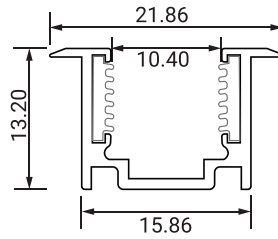
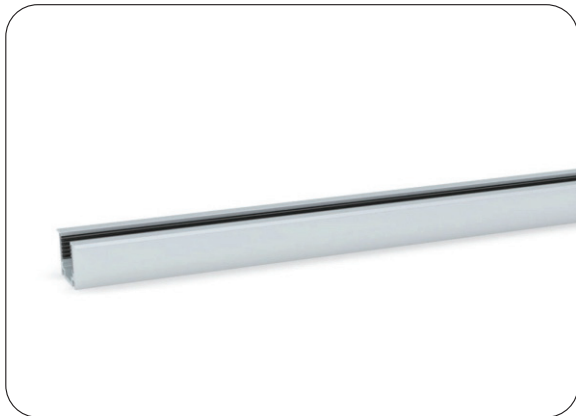
Recessed



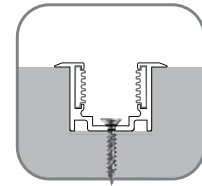
Model	W x H (mm)	Standard Length	Screw Holes	Holes Numbers
ALC08S02-035	15.10 x 14.90	35mm	Ø4.00mm	2
ALC08S02-100		1000mm	4.00mm	2
ALC08S02-200		2000mm	4.00mm	4

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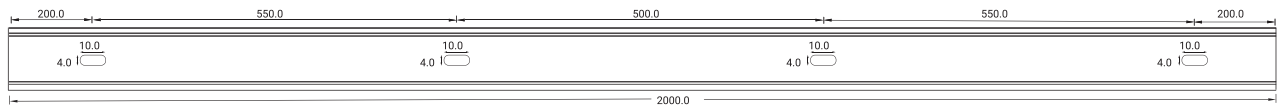
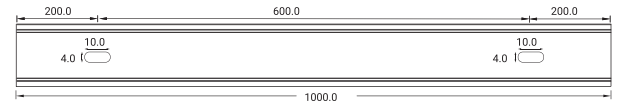
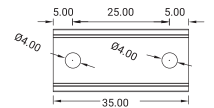
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Installation Way



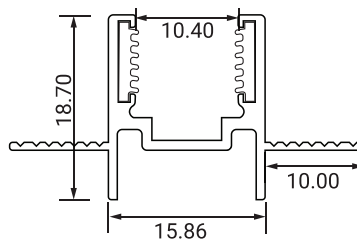
Recessed



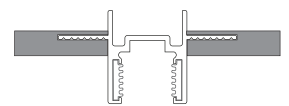
Model	W x H (mm)	Standard Length	Screw Holes	Holes Numbers
ALC08S03-035	21.86 x 13.20	35mm	Ø4.00mm	2
ALC08S03-100		1000mm	4.00mm	2
ALC08S03-200		2000mm	4.00mm	4



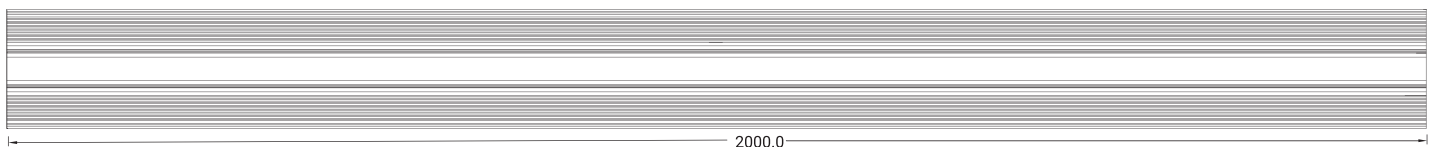
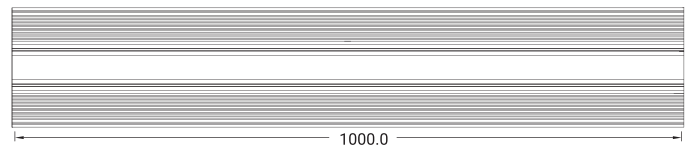
Dimension



Installation Way



Ceiling Recessed



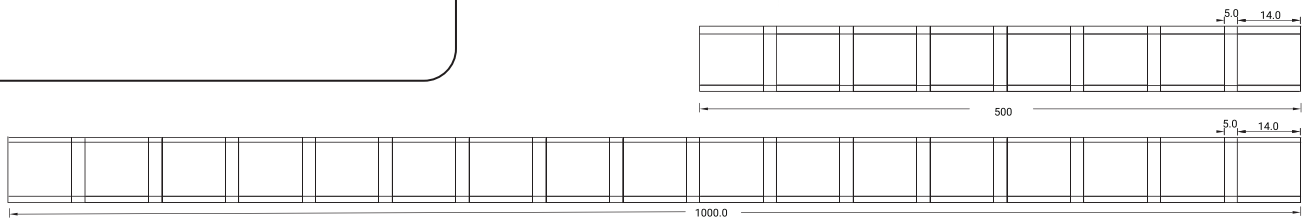
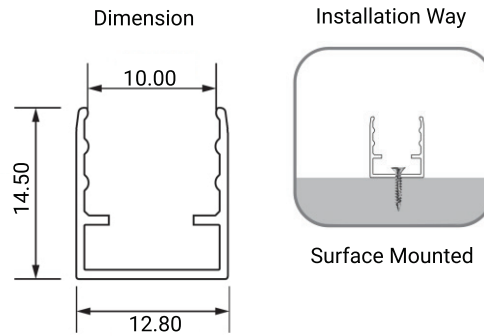
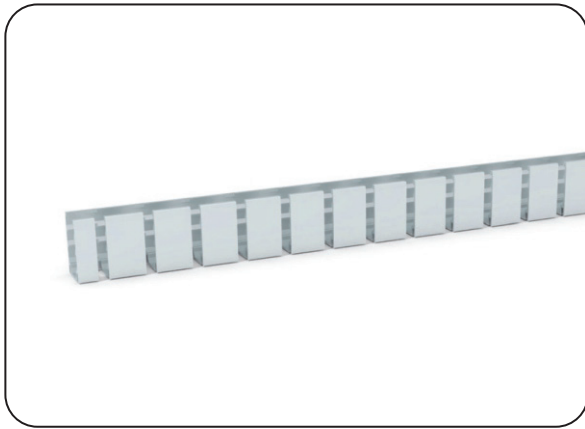
Model	W x H (mm)	Standard Length	Screw Holes	Holes Numbers
ALC08S04-035	35.86 x 18.70	35mm	Ø4.00mm	2
ALC08S03-100		1000mm	4.00mm	2
ALC08S03-200		2000mm	4.00mm	4

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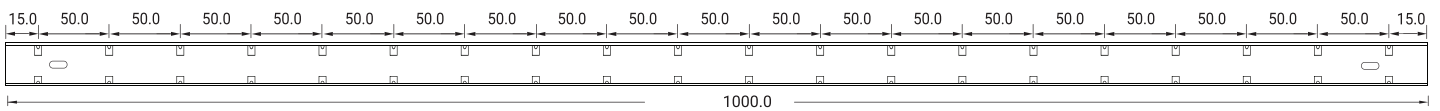
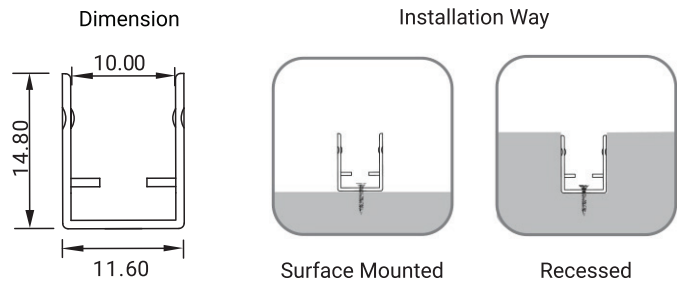


FLEXIBLE ALUMINUM CHANNEL



Model	W x H (mm)	Standard Length
ALC06S01FLX05	12.80 x 14.50	500mm
ALC06S01FLX10		1000mm
ALC06S01FLX20		2000mm

STAINLESS STEEL CHANNEL



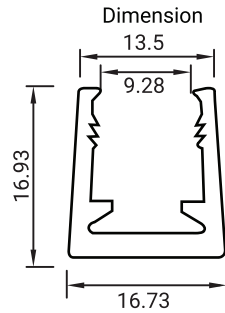
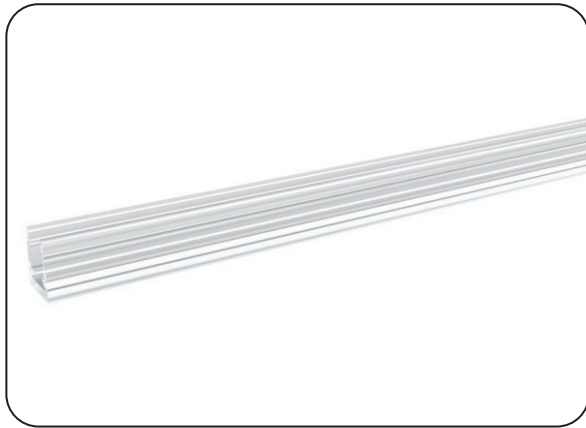
Model	W x H (mm)	Standard Length	Screw Holes	Holes Numbers
SSC06/08S01-100	11.60 x 14.80	1000mm	⌀4.0 x 10mm	2

LFX NEON SERIES 08 SPEC SHEET

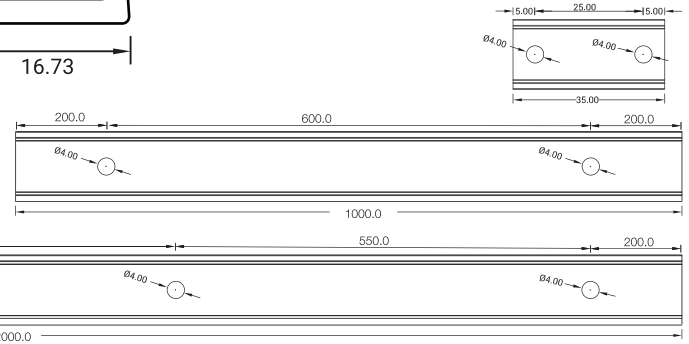
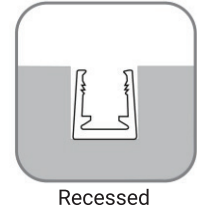
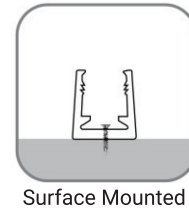
LFX-N-08 -MONO 24V



PLASTIC CHANNEL

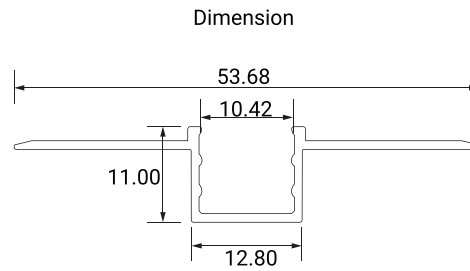
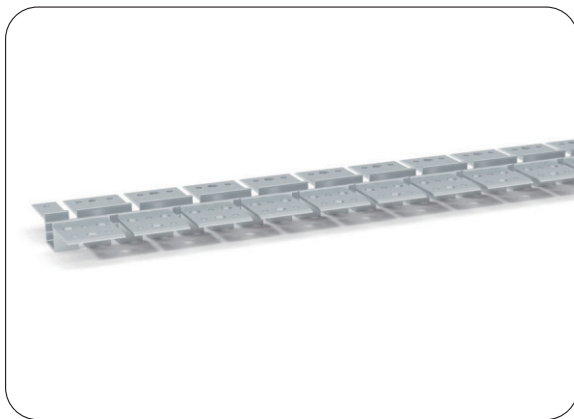


Installation Way

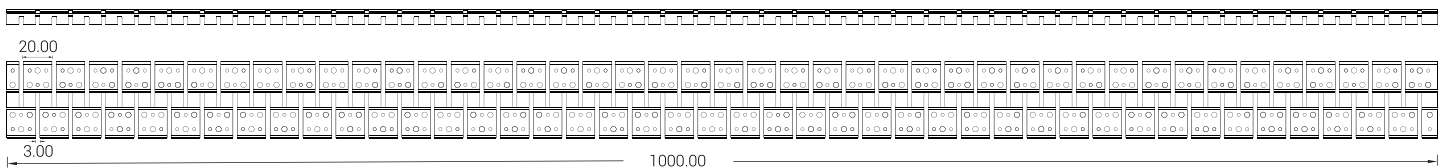


Model	W x H (mm)	Standard Length	Screw Holes	Holes Numbers
PC06S01-T	16.73 x 16.93	35mm	Ø4.00mm	2
		1000mm	Ø4.00mm	2
		2000mm	Ø4.00mm	4

CEILING MOUNTED CHANNEL



Installation Way



Model	W x H (mm)	Standard Length
ALC08S06FLX-100	15.10 x 24.40	500mm
ALC08S06FLX-200		1000mm