

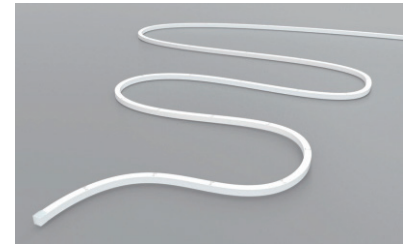
LFX NEON SERIES 06 SPEC SHEET



LFX-N-06 -MONO 48V





YYZ LFX Neon series is designed to provide a very bright, crisp consistent and homogenized illumination that will accentuate any building, structure, or artistic flourish. Using high brightness surface mounted LEDs, behind a first-class eco-friendly UV-resistant Silicone polymer encapsulated flexible chamber material, the LFX Neon will provide your project with bright, consistent traces of light in shades of White, single colors. The fixture consists of uniform and even lighting with no Led hotspot. LFX Neon has a transverse minimum radius of 75mm and is horizontal bendable. Easy to install, can be cut and reconnected with IP68 protected connector. The product is supplied in 5m standard rolls or custom as needed.



SPECIFICATION

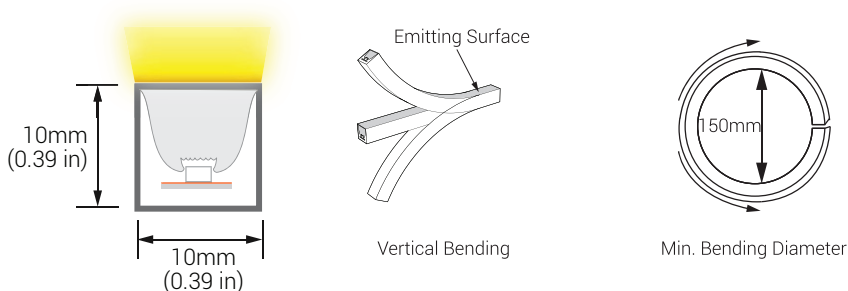
OPERATING VOLTAGE	48V DC
POWER	10W / m (3W / ft)
LED COUNT	120LEDs/m (36LEDs / ft)
CUTTING UNIT	12 LEDs
CUTTING LENGTH	100 mm (3.94 in)
MIN. BEND DIA.	150mm (5.9 in)
LED SOURCE	SMD LED 2835
CCT	2200K, 2700K, 3000K, 3500K, 4000K, 4500K, 5000K, 6500K, Green, Blue, Lemon Yellow, Pink
CRI	>80, >90
BINNING	One Bin
MAX. RUN LENGTH	49.2 ft / 15 m(Single Feed), 98.4 ft / 30 m (Double Feed)
BEAM ANGLE	120°
LAMP LIFE	70, 000 hoursL70@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
-  **48V DC**
Working Voltage
-  **10W/m**
Rated power

DELIVERED LUMENS BY CCT

Color	lm / m	lm/ft
2200K	666lm/m	203 lm/ft
2700K	777lm/m	237 lm/ft
3000K	797lm/m	243 lm/ft
3500K	800lm/m	244 lm/ft
4000K	767lm/m	234 lm/ft
4500K	780lm/m	238 lm/ft
5000K	831lm/m	253 lm/ft
6500K	810lm/m	247 lm/ft
Green	560lm/m	171 lm/ft
Blue	77lm/m	37 lm/ft
Lemon Yellow	480lm/m	146 lm/ft
Pink	120lm/m	37 lm/ft

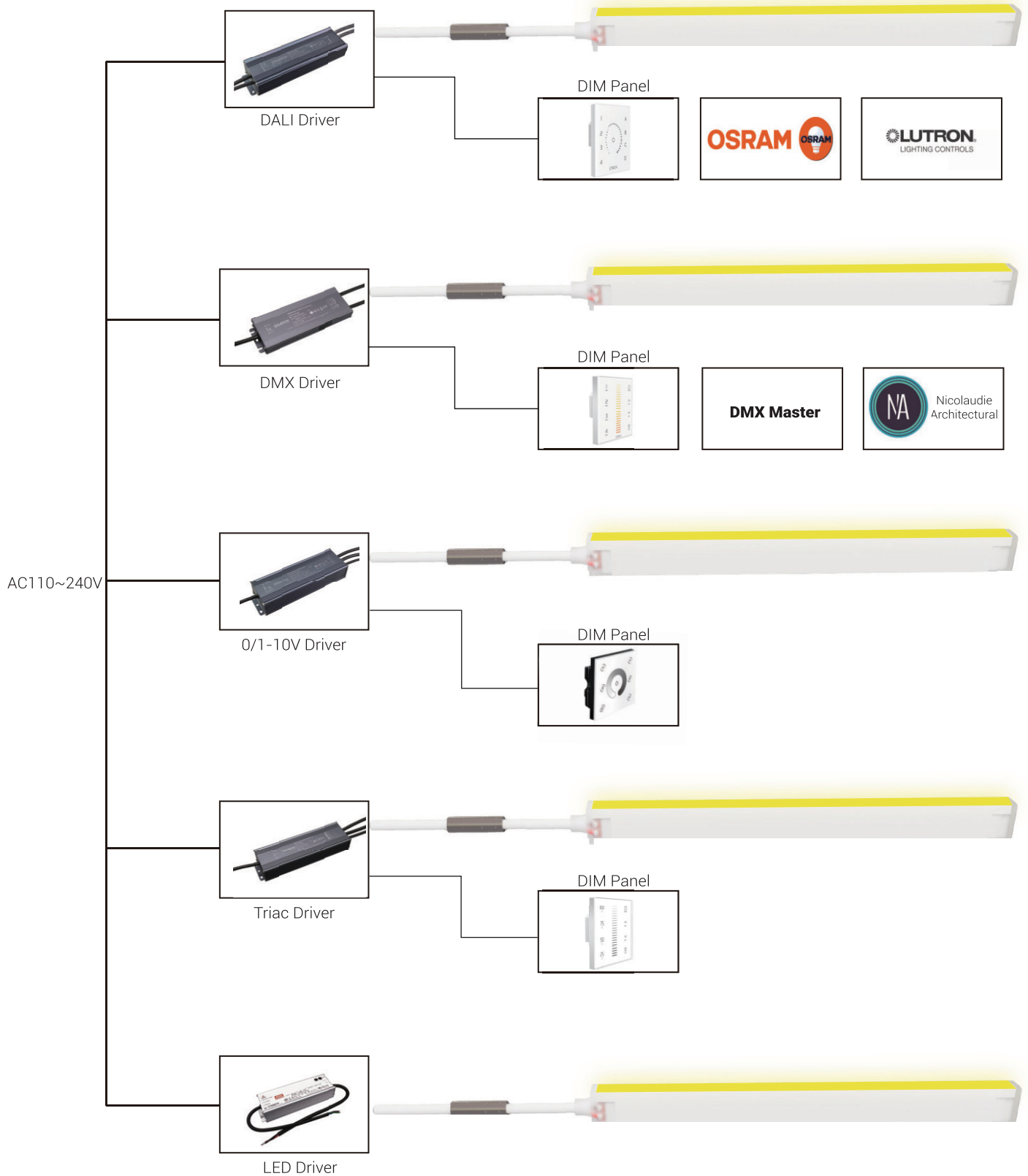
DIMENSION



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CONNECTION DIAGRAM



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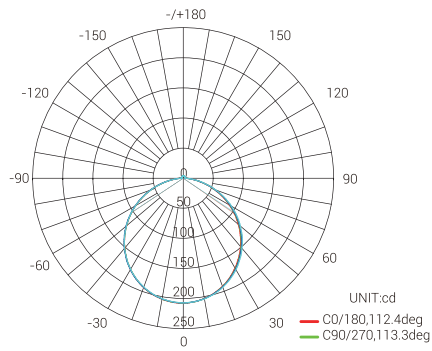
ORDERING CODE

PRODUCT	TYPE	MODEL	BENDING	POWER	VOLTAGE	CRI	COLOR	CONTROL
LFX	N - Neon	06 - 06	VB - Vertical Bending	10 - 10W	DC - 48V DC	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 LY - Lemon Yellow PI - Pink	SW - Switch DALI - DALI DMX - DMX DIM - 0/1-10V TRI - TRIAC

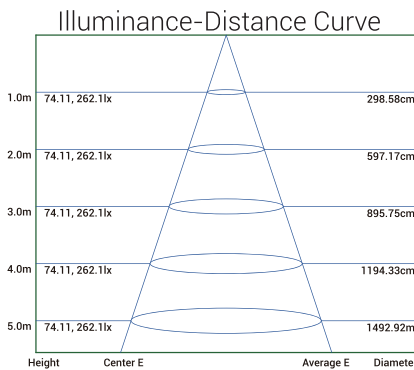
Sample: LFX-N-06-VB-10-DC-80-CT22-SW

PHOTOMETRIC DATA

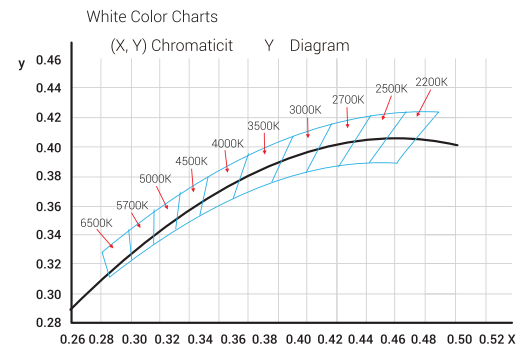
Illuminance Distribution



AVERAGE BEAM ANGLE(50%):112.8 DEG



Beam Angle:112.37DEG

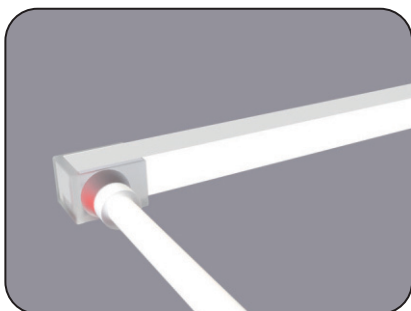
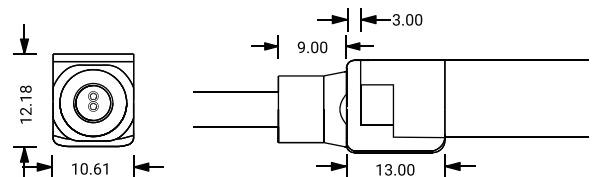


ACCESSORIES

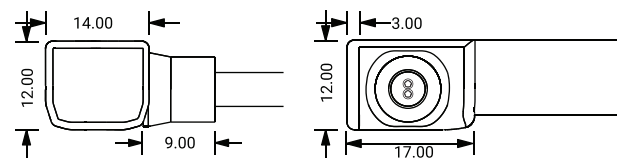
MOLD INJECTION CONNECTOR (IP68 Factory Assembly Only)



Direct Entry Connector
MJ-LFX06-A-D01/02/03
MJ-LFX06-A-D01SM
MJ-LFX06-A-D02SF
MJ-LFX06-A-D03SFM



Side Entry Connector
MJ-LFX06-A-S01/02/03
MJ-LFX06-A-S01SM
MJ-LFX06-A-S02SF
MJ-LFX06-A-S03SFM

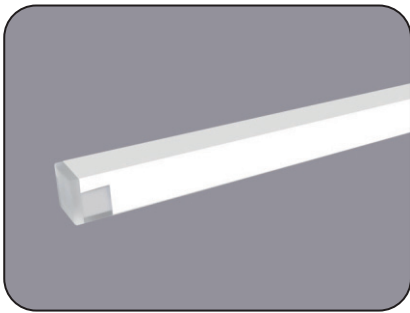
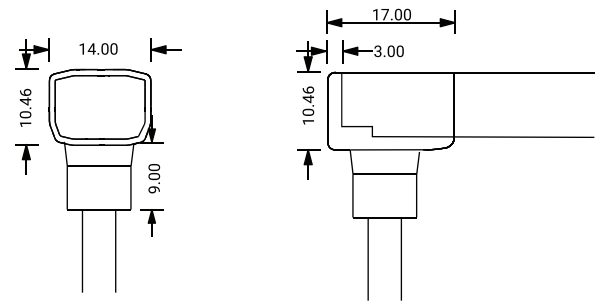


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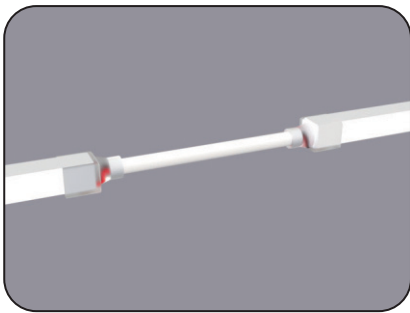
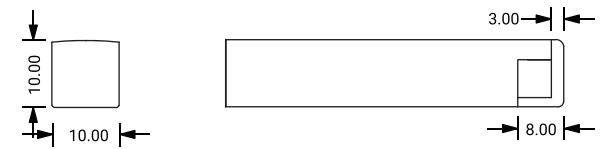
LFX-N-06 -MONO 48V



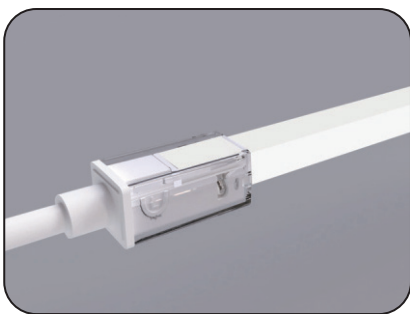
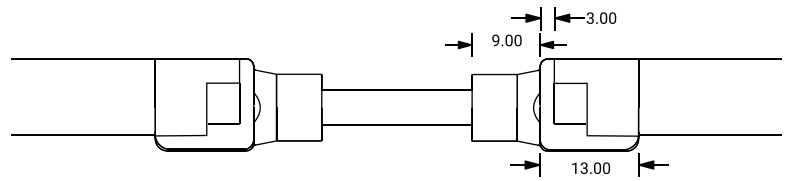
Bottom Entry Connector
MJ-LFX06-A-B01/02/03
MJ-LFX06-A-B01SM
MJ-LFX06-A-B02SF
MJ-LFX06-A-B03SFM



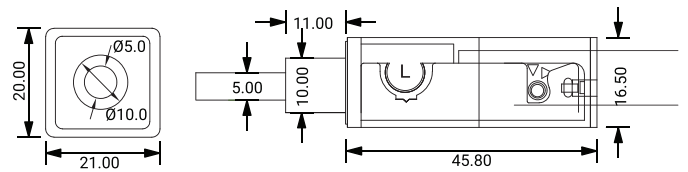
End Cap



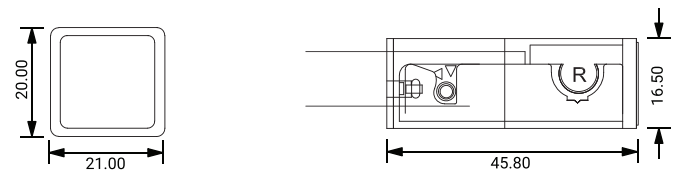
Jumper
MJ-LFX06-A-D-JC



DIY Snap Connector
DIY-SN-FR-06-D-01/02-A

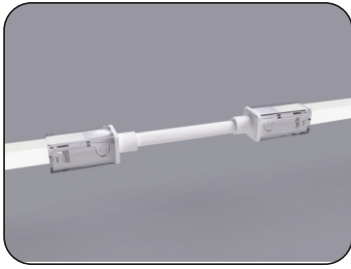


DIY Snap End Cap
DIY-SN-END-06-D-01/02

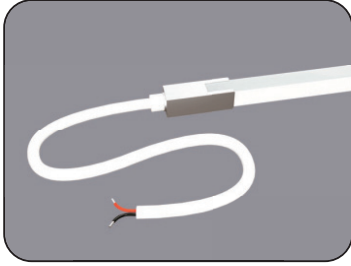
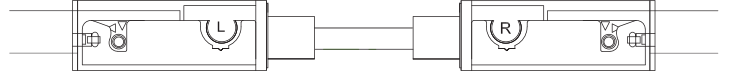


LFX NEON SERIES 06 SPEC SHEET

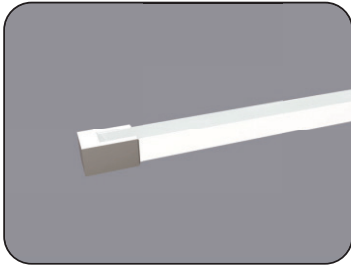
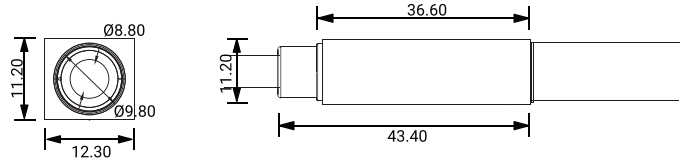
LFX-N-06 -MONO 48V



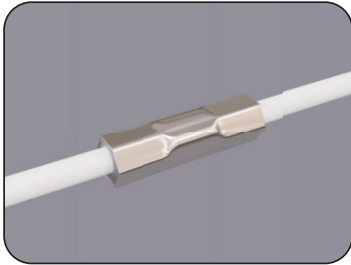
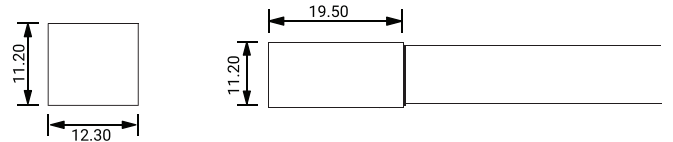
DIY Snap Extent Connector
DIY-SN-EXT-06-A



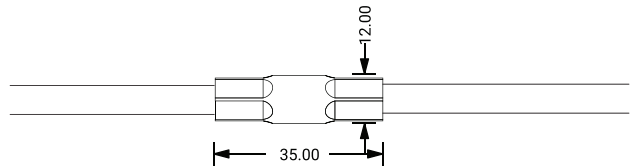
DIY Quick Connective Connector
DIY-QC-FR-06-D-01/02-A



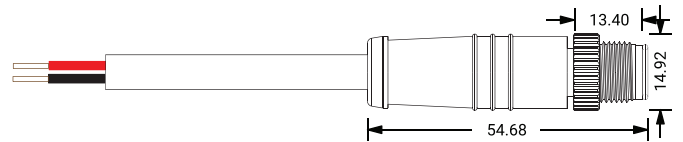
DIY Quick Connective End Cap
DIY-QC-END-06



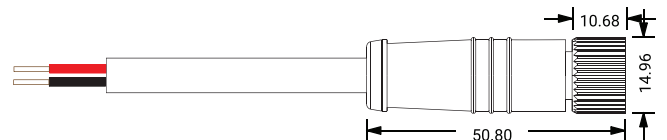
Waterproof Interrupter



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



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

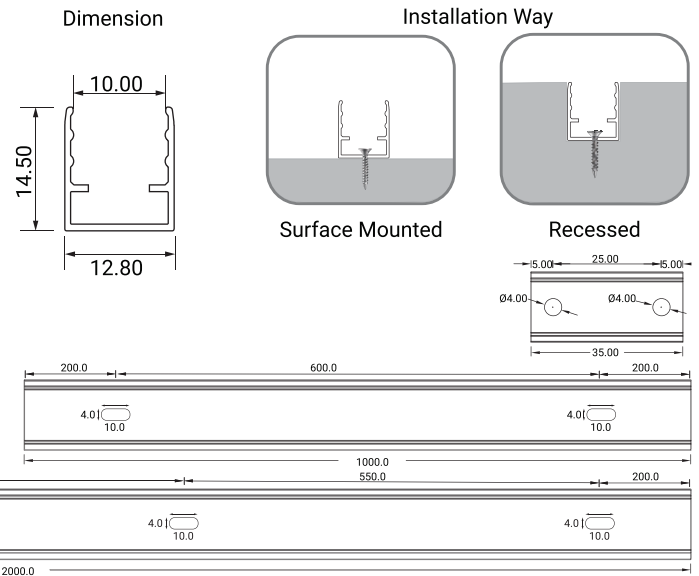


LFX NEON SERIES 06 SPEC SHEET

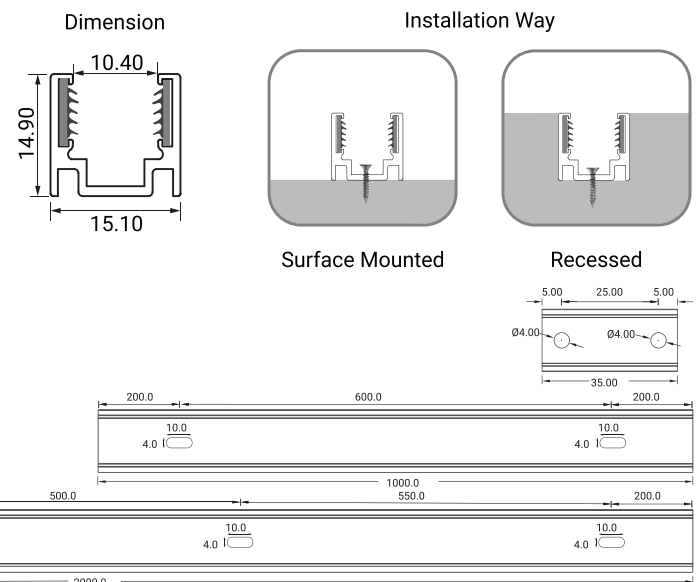
LFX-N-06 -MONO 48V



ALUMINUM CHANNEL



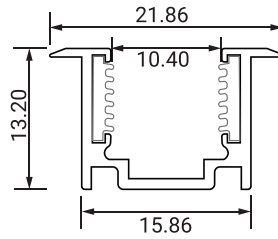
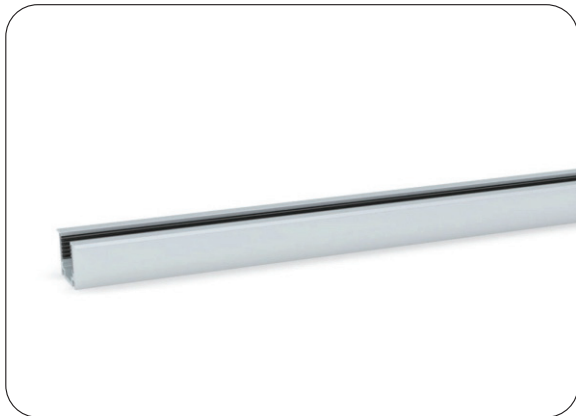
Model	W x H (mm)	Standard Length	Screw Holes	Holes Numbers
ALC08S01-035	12.80 x 14.50	35mm	Ø4.00mm	2
ALC08S01-100		1000mm	4.00mm	2
ALC08S01-200		2000mm	4.00mm	4



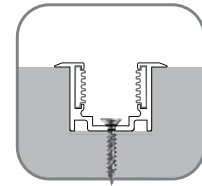
Model	W x H (mm)	Standard Length	Screw Holes	Holes Numbers
ALC08S02-035	15.10 x 14.90	35mm	Ø4.00mm	2
ALC08S02-100		1000mm	4.00mm	2
ALC08S02-200		2000mm	4.00mm	4

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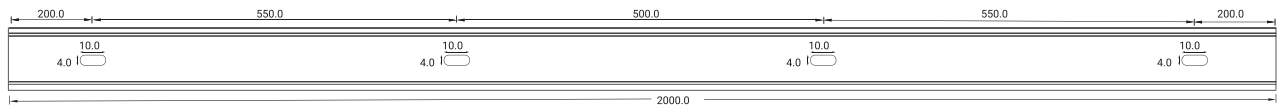
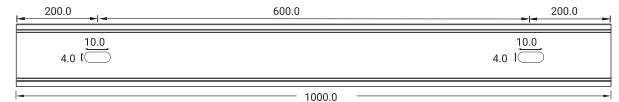
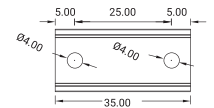
LFX-N-06 -MONO 48V



Installation Way



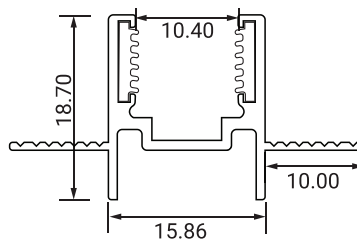
Recessed



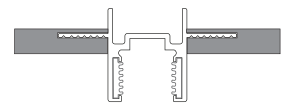
Model	W x H (mm)	Standard Length	Screw Holes	Holes Numbers
ALC08S03-035	21.86 x 13.20	35mm	Ø4.00mm	2
ALC08S03-100		1000mm	4.00mm	2
ALC08S03-200		2000mm	4.00mm	4



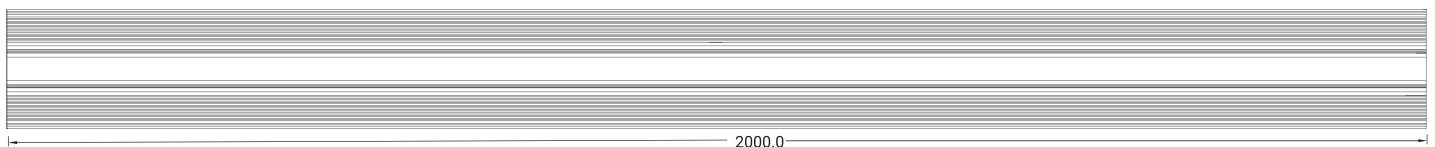
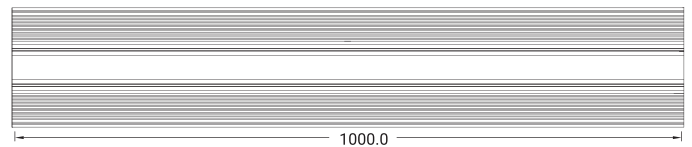
Dimension



Installation Way



Ceiling Recessed



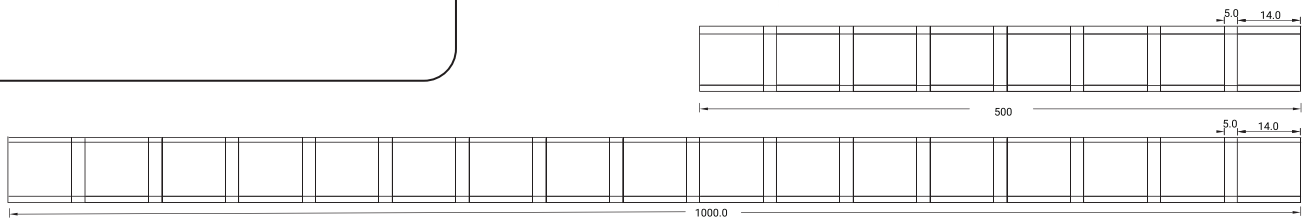
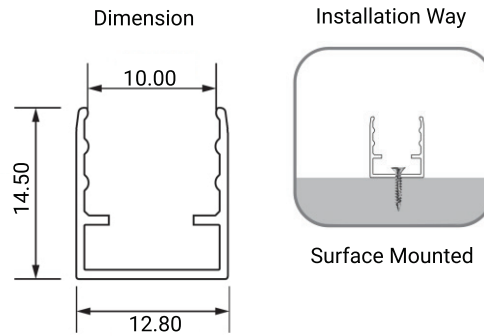
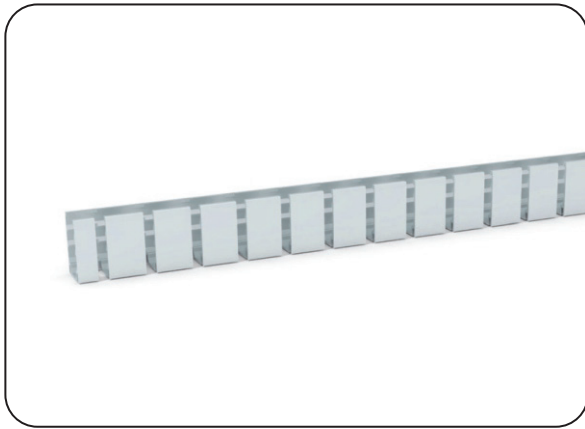
Model	W x H (mm)	Standard Length	Screw Holes	Holes Numbers
ALC08S04-035	35.86 x 18.70	35mm	Ø4.00mm	2
ALC08S03-100		1000mm	4.00mm	2
ALC08S03-200		2000mm	4.00mm	4

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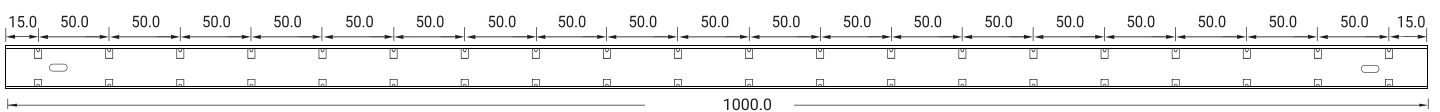
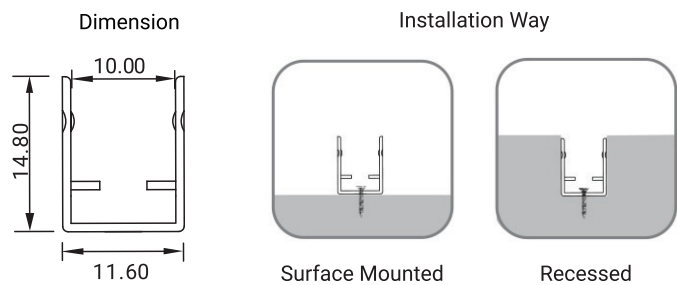


FLEXIBLE ALUMINUM CHANNEL



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

STAINLESS STEEL CHANNEL



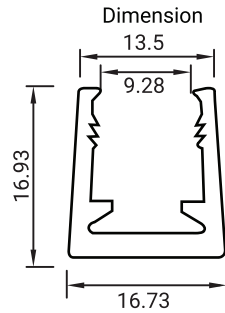
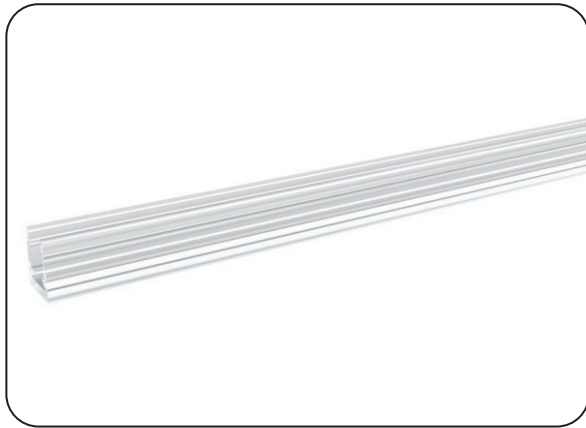
Model	W x H (mm)	Standard Length	Screw Holes	Holes Numbers
SSC06/08S01-100	11.60 x 14.80	1000mm	⌀4.0 x 10mm	2

LFX NEON SERIES 06 SPEC SHEET

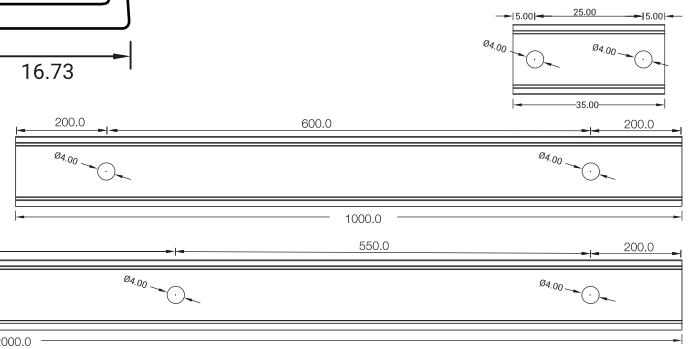
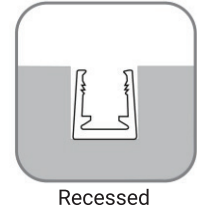
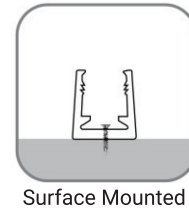
LFX-N-06 - MONO 48V



PLASTIC CHANNEL

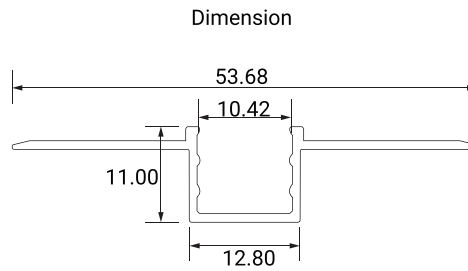
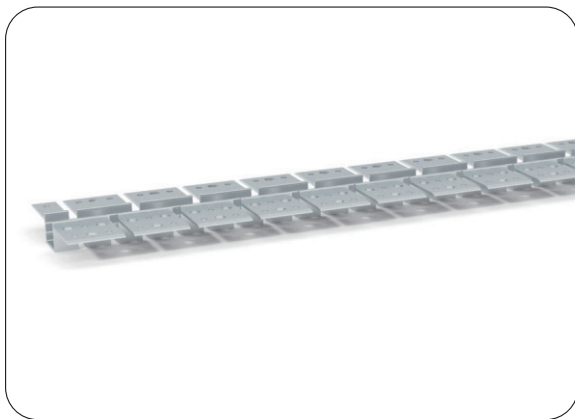


Installation Way

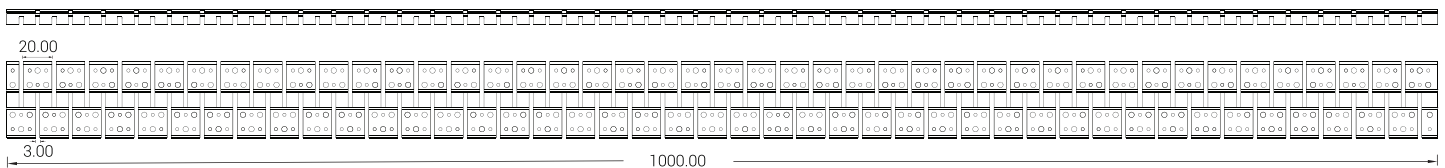


Model	W x H (mm)	Standard Length	Screw Holes	Holes Numbers
PC06S01-T	16.73 x 16.93	35mm	Ø4.00mm	2
		1000mm	Ø4.00mm	2
		2000mm	Ø4.00mm	4

CEILING MOUNTED CHANNEL



Installation Way



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