

LFX NEON SERIES 17 SPEC SHEET



LFX-N-17 -MONO-48V-CC



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

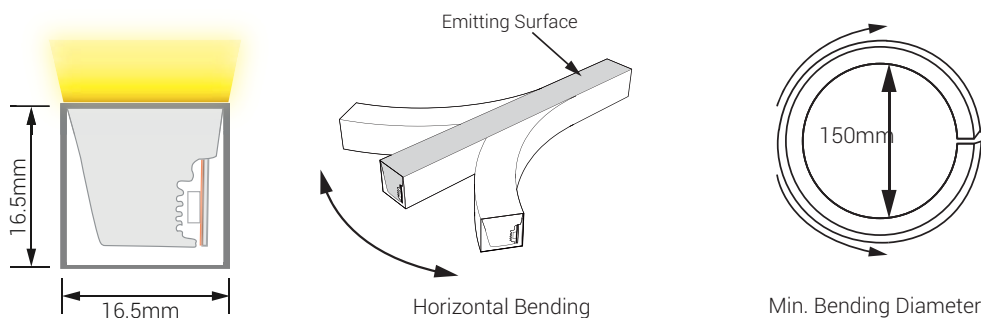
OPERATING VOLTAGE	48V DC (Built in Constant Current)
POWER	5W / m
LED COUNT	84LEDs/m
CUTTING UNIT	14 LEDs
CUTTING LENGTH	166.7mm
MIN. BEND DIA.	150mm
LED SOURCE	SMD LED 2835
CCT	2200K, 2700K, 3000K, 3500K, 4000K, 4500K, 5000K, 6500K, Green, Blue, Red
CRI	80, 90
MAX. RUN LENGTH	32.80ft / 10 m(Single Feed), 65.61 ft / 20 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
- 48V DC**
Working Voltage
- 5W/m**
Rated power

DELIVERED LUMENS BY CCT

Color	lm / m
2200K	130lm/m
2700K	140lm/m
3000K	150lm/m
3500K	160lm/m
4000K	170lm/m
4500K	180lm/m
5000K	190lm/m
6500K	190lm/m
Lemon Yellow	100lm/m
Green	210lm/m
Pink	60lm/m
Blue	35lm/m

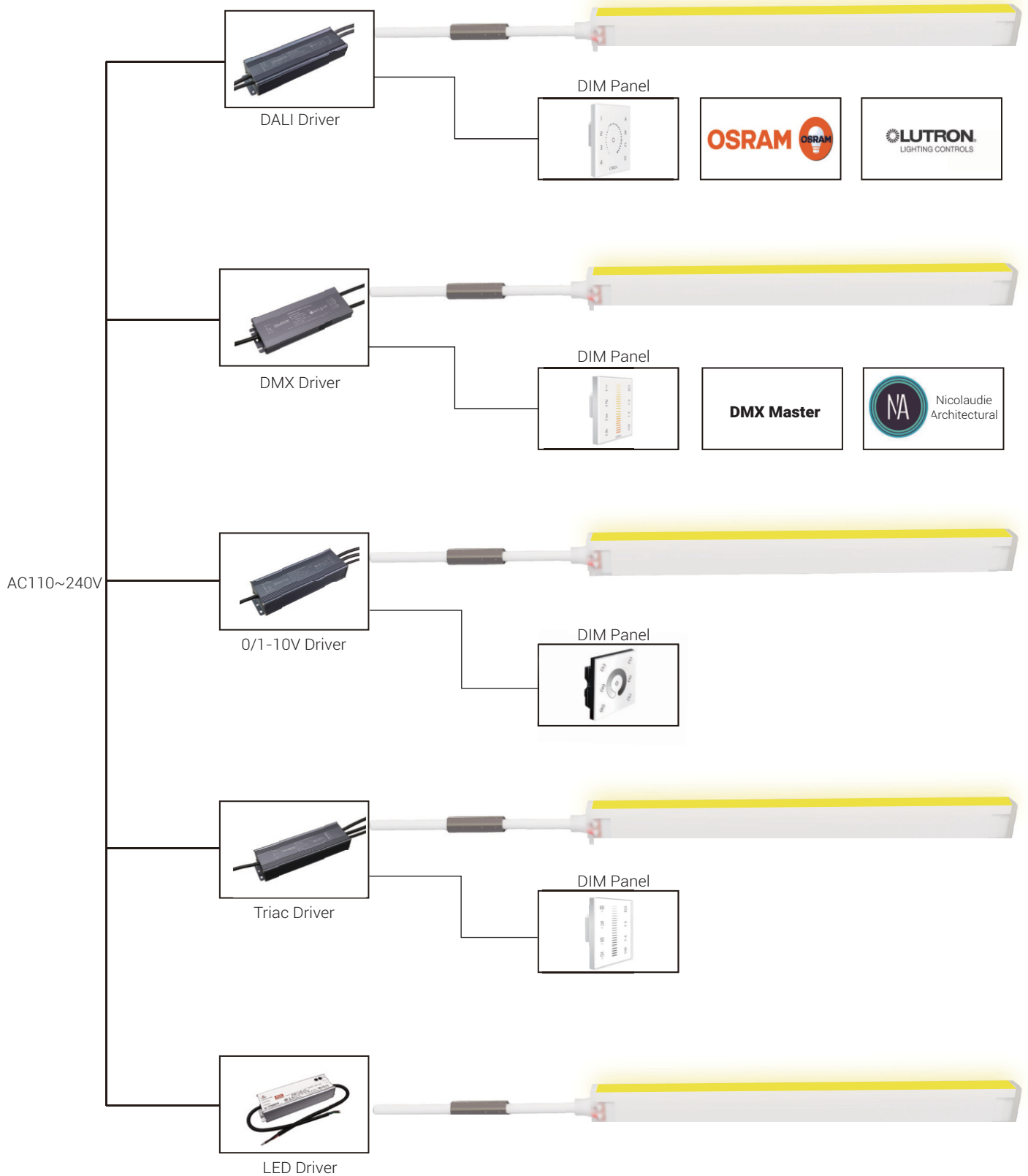
DIMENSION



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CONNECTION DIAGRAM



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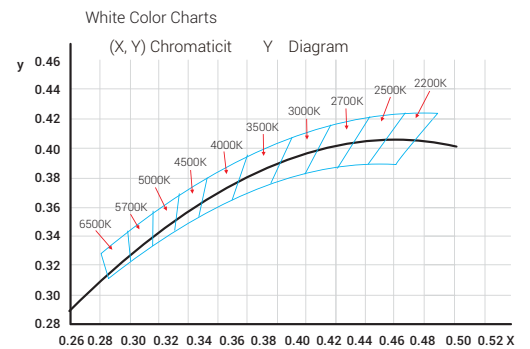
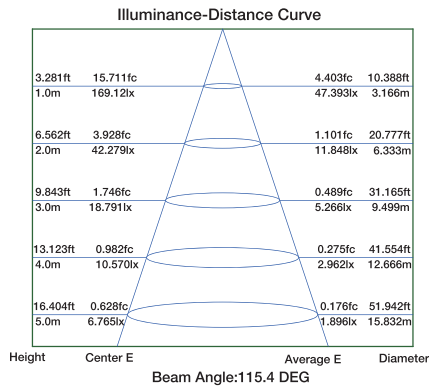
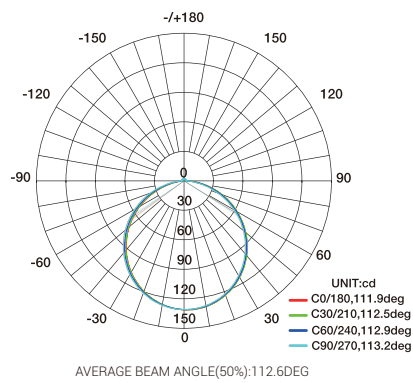
ORDERING CODE

PRODUCT	TYPE	MODEL	BENDING	POWER	VOLTAGE	CRI	COLOR	CONTROL
LFX	N - Neon	17 - 17	HB - Horizontal Bending	5 - 5W	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 LY - Lemon Yellow GR - Green PI - Pink BL - Blue	SW - Switch DALI - DALI DMX - DMX DIM - 0/1-10V TRI - TRIAC

Sample: LFX-N-17-HB-5-DC-80-CT22-SW

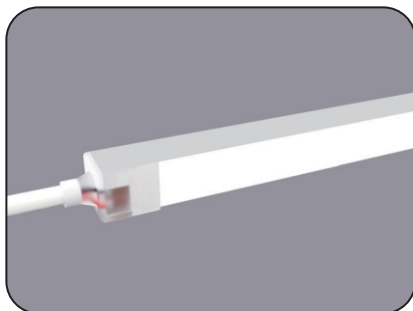
PHOTOMETRIC DATA

Illuminance Distribution

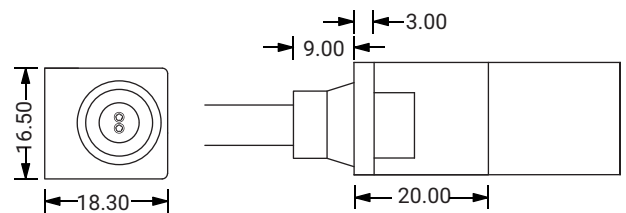


ACCESSORIES

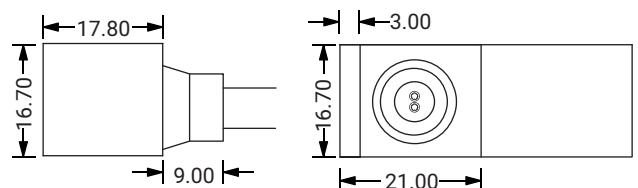
MOLD INJECTION CONNECTOR (IP68 Factory Assembly Only)



Direct Entry Connector
 MJ-LFX17-A-D01/02/03
 MJ-LFX17-A-D01SM
 MJ-LFX17-A-D02SF
 MJ-LFX17-A-D03SFM



Side Entry Connector
 MJ-LFX17-A-S01/02/03
 MJ-LFX17-A-S01SM
 MJ-LFX17-A-S02SF
 MJ-LFX17-A-S03SFM

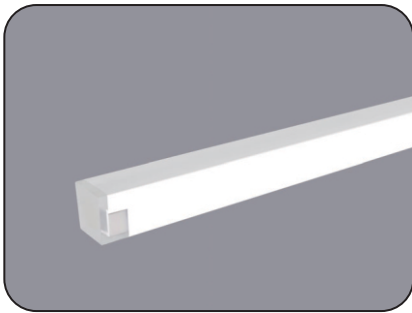
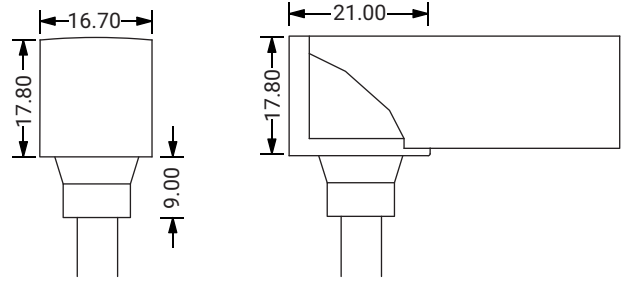


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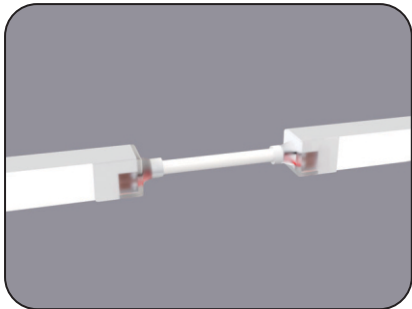
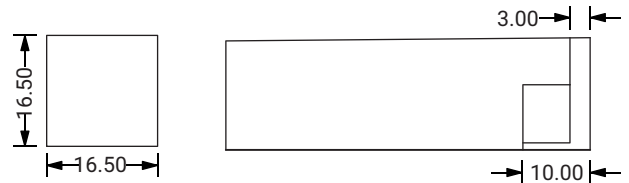
LFX-N-17 -MONO-48V-CC



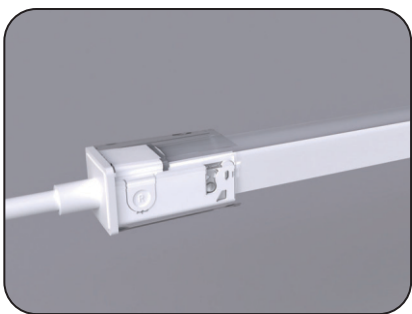
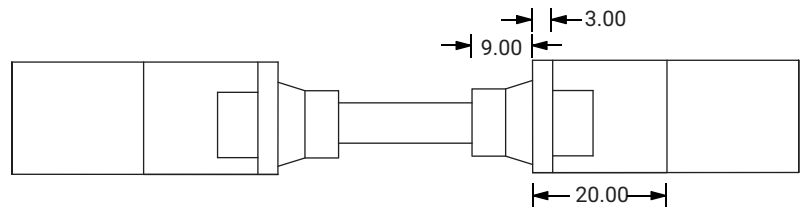
Bottom Entry Connector
MJ-LFX17-A-B01/02/03
MJ-LFX17-A-B01SM
MJ-LFX17-A-B02SF
MJ-LFX17-A-B03SFM



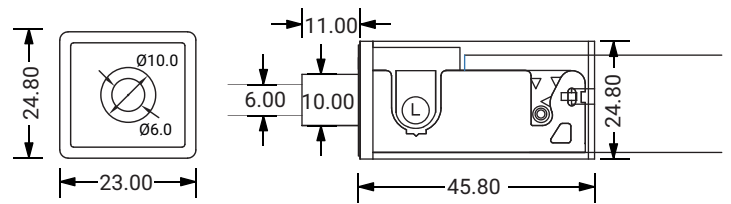
End Cap



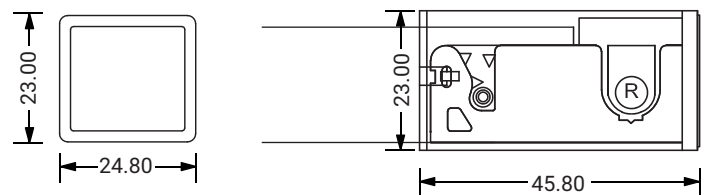
Jumper
MJ-LFX17-D5-D-JC



DIY Snap Connector
DIY-SN-FR-17-D-01/02-A

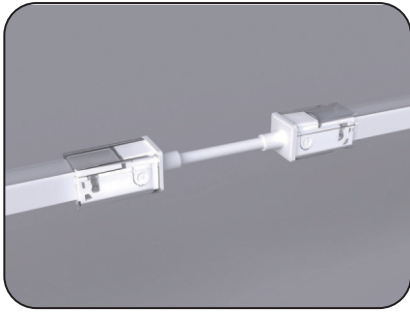


DIY Snap End Cap
DIY-SN-END-17-D-01/02

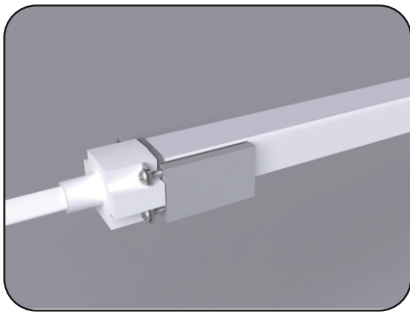
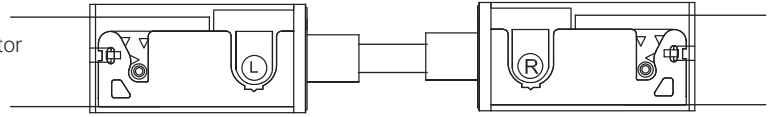


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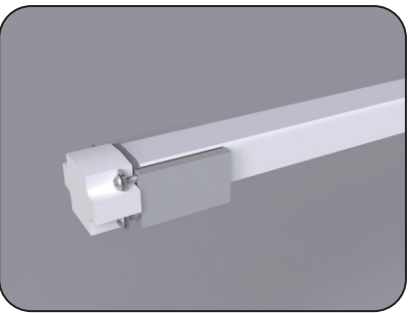
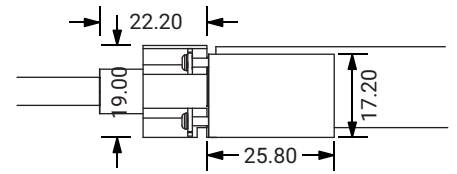
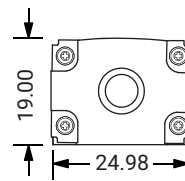
LFX-N-17 -MONO-48V-CC



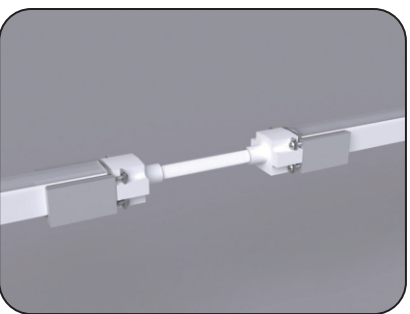
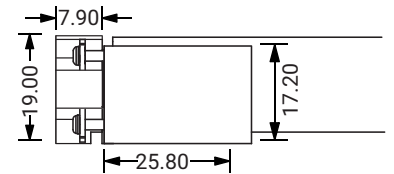
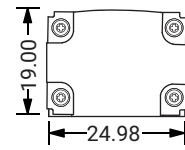
DIY Snap Extent Connector
DIY-SN-EXT-17-A



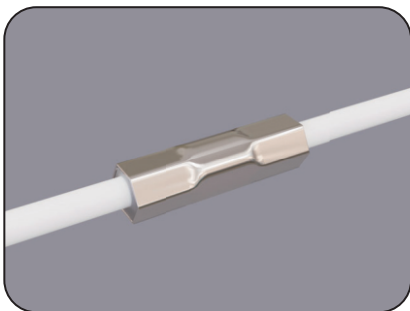
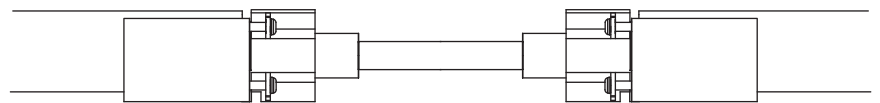
DIY Screw Connector
DIY-SC-FR-17-D-01/02-A



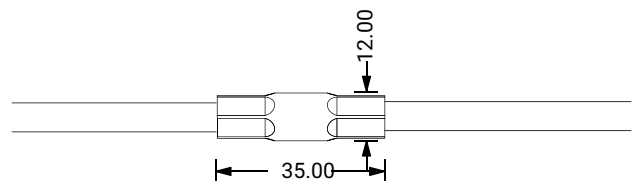
DIY Screw End Cap
DIY-SC-END-17



DIY Screw Extent Connector
DIY-SC-EXT-16-A



Waterproof Interrupter

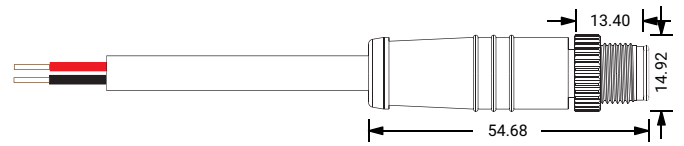


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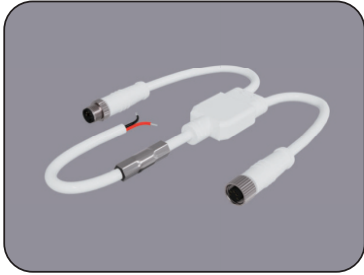
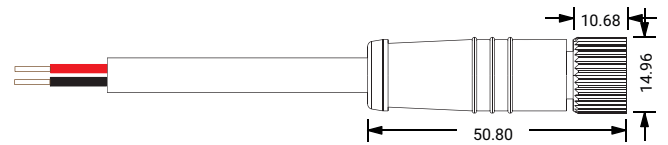
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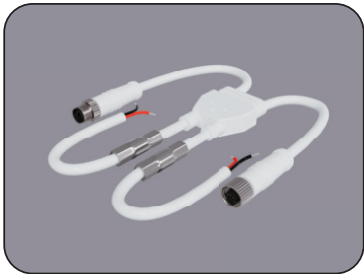
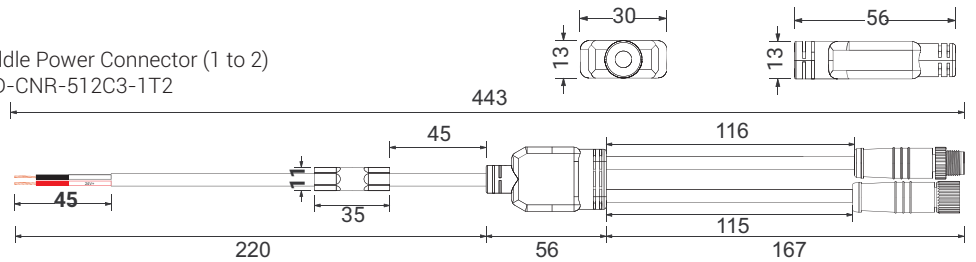
Male Connector
M12-M-2C-18AWG-D6-W-0327-S



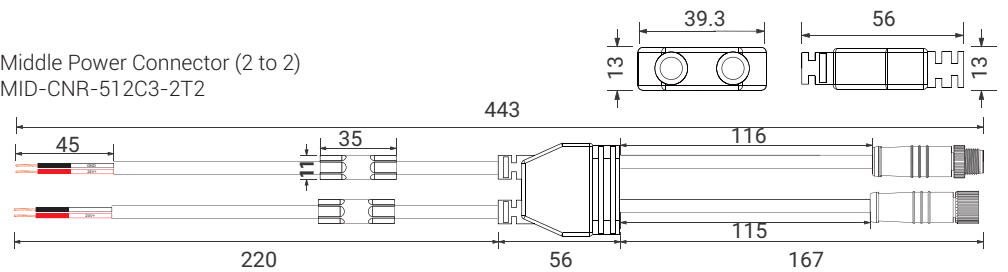
Female Connector
M12-F-2C-18AWG-D6-W-0327-S



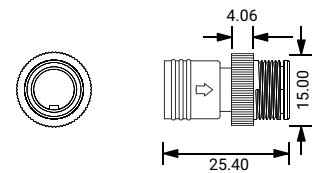
Middle Power Connector (1 to 2)
MID-CNR-512C3-1T2



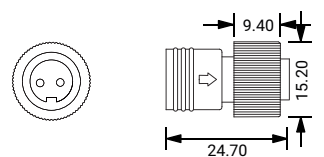
Middle Power Connector (2 to 2)
MID-CNR-512C3-2T2



Male Connector End Cap
SYZ-EC-M12-M



Female Connector End Cap
SYZ-EC-M12-F-2C

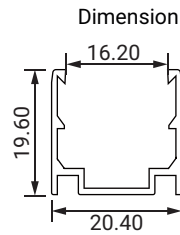
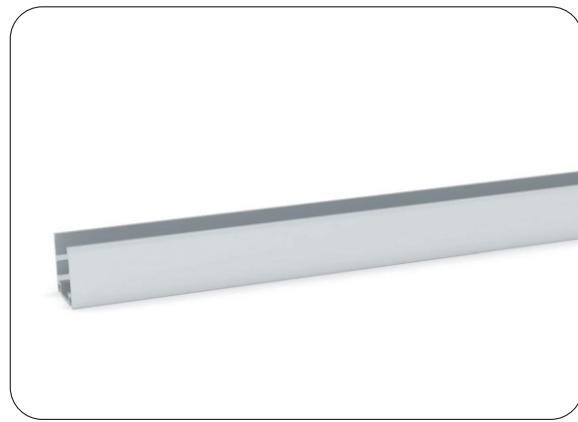


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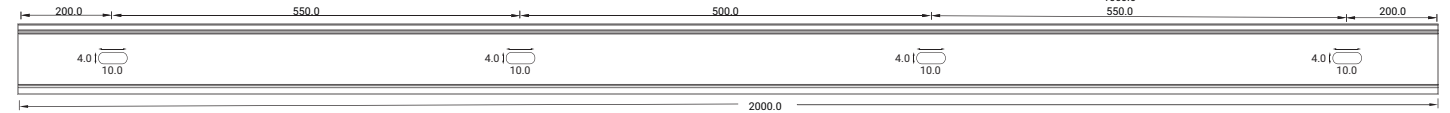
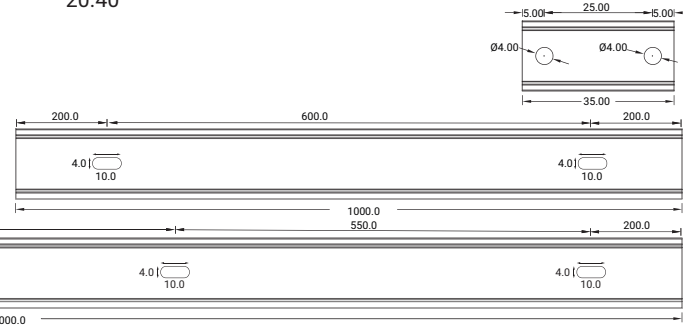
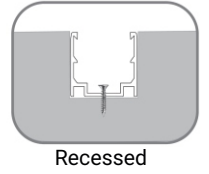
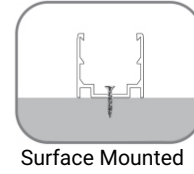
LFX-N-17 -MONO-48V-CC



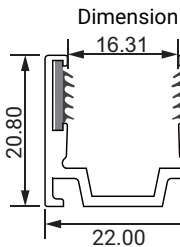
ALUMINUM CHANNEL



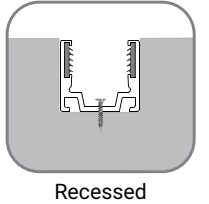
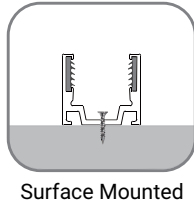
Installation Way



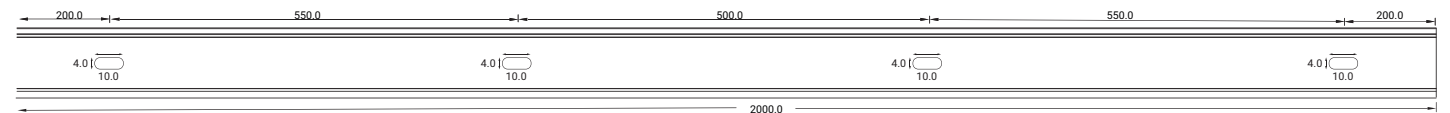
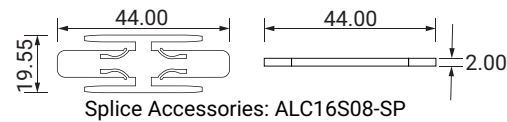
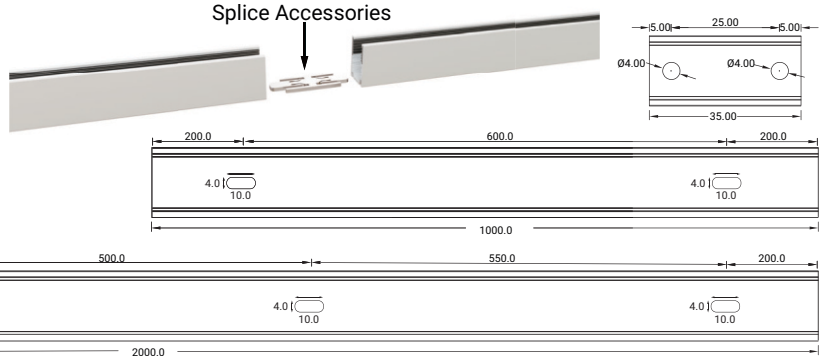
Model	W x H (mm)	Standard Length	Screw Holes	Holes Numbers
ALC16S02-035	20.40 x 19.60	35mm	Ø4.00mm	2
ALC16S02-100		1000mm	4.00mm	2
ALC16S02-200		2000mm	4.00mm	4



Installation Way



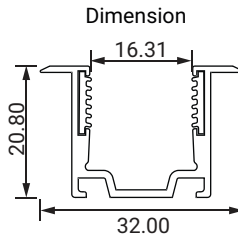
Splice Accessories



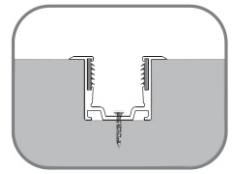
Model	W x H (mm)	Standard Length	Screw Holes	Holes Numbers
ALC16S08-035	22.00 x 20.80	35mm	Ø4.00mm	2
ALC16S08-100		1000mm	4.00mm	2
ALC16S08-200		2000mm	4.00mm	4

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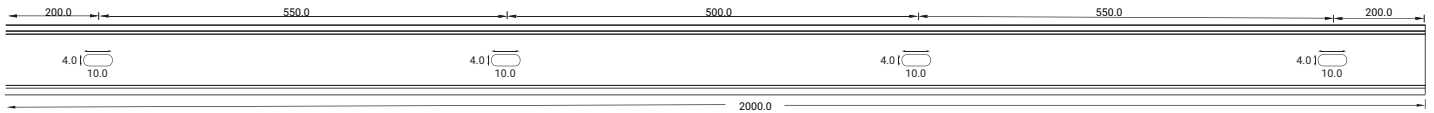
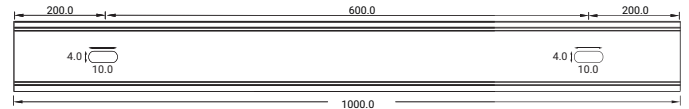
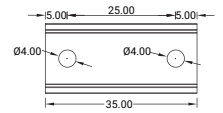
LFX-N-17 -MONO-48V-CC



Installation Way



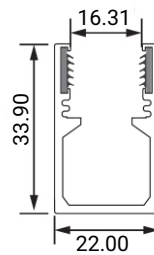
Recessed



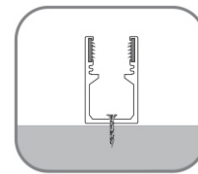
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ALC16S07-035	32.00 x 20.80	35mm	Ø4.00mm	2
ALC16S07-100		1000mm	4.00mm	2
ALC16S07-200		2000mm	4.00mm	4



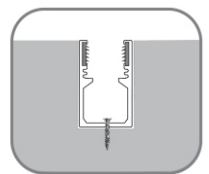
Dimension



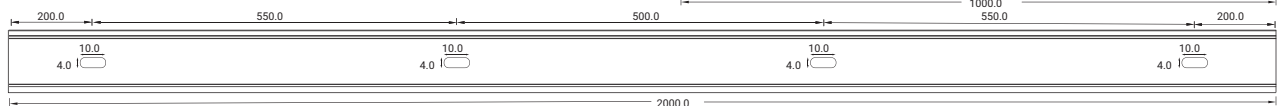
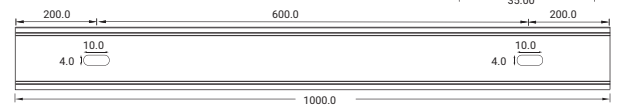
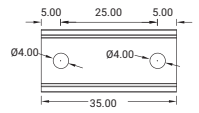
Installation Way



Surface Mounted



Recessed



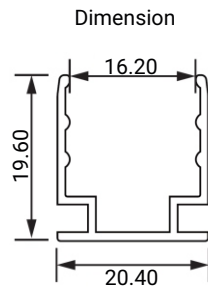
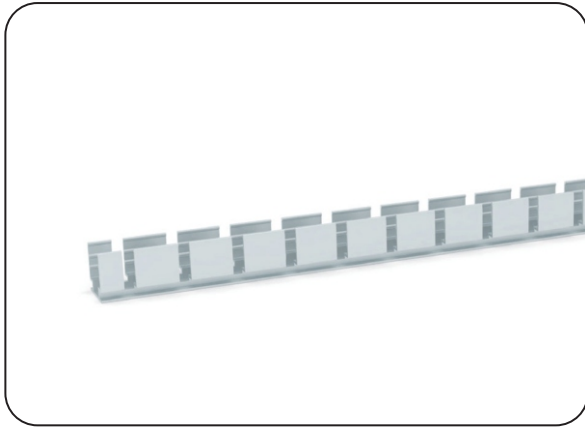
Model	W x H (mm)	Standard Length	Screw Holes	Holes Numbers
ALC16H02-035	22.00 x 33.90	35mm	Ø4.00mm	2
ALC16H02-100		1000mm	4.00mm	2
ALC16H02-200		2000mm	4.00mm	4

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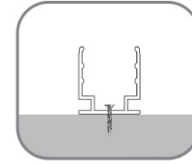
LFX-N-17 -MONO-48V-CC



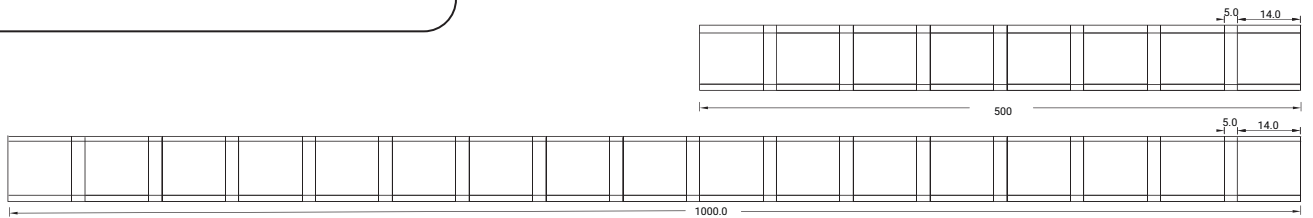
FLEXIBLE ALUMINUM CHANNEL



Installation Way

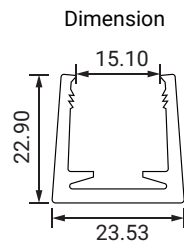


Surface Mounted

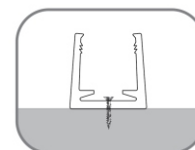


Model	W x H (mm)	Standard Length
ALC17S02FLX05	20.40 x 19.60	500mm
ALC17S02FLX10		1000mm

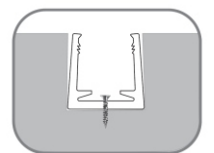
PLASTIC CHANNEL



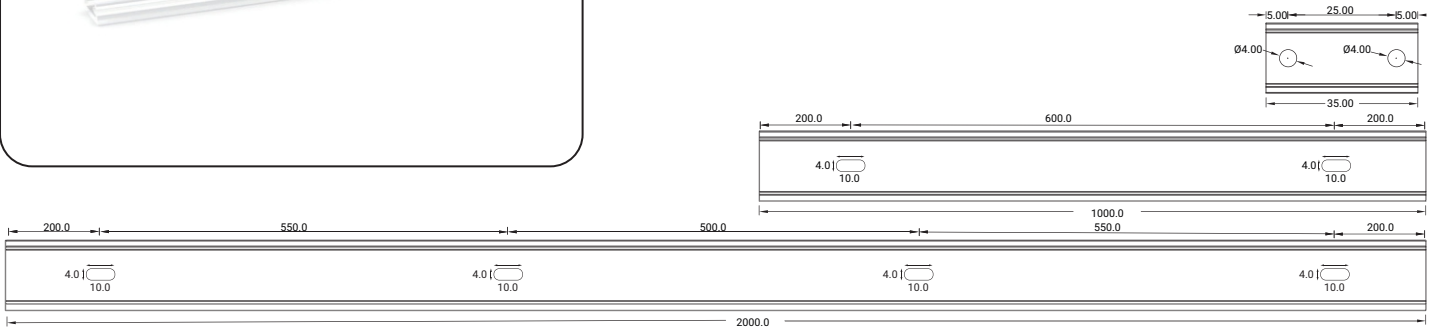
Installation Way



Surface Mounted



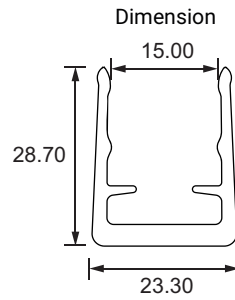
Recessed



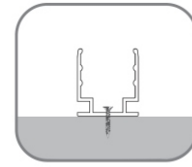
Model	W x H (mm)	Standard Length	Screw Holes	Holes Numbers
PC16/17S02-T-100	23.53 x 22.90	1000mm	Ø4.0mm	2

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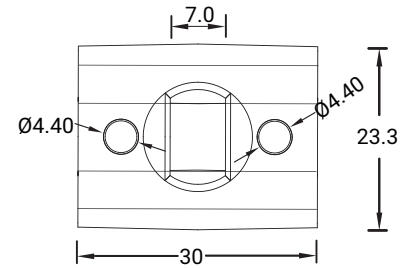
LFX-N-17 -MONO-48V-CC



Installation Way

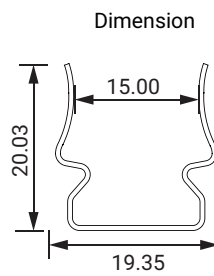
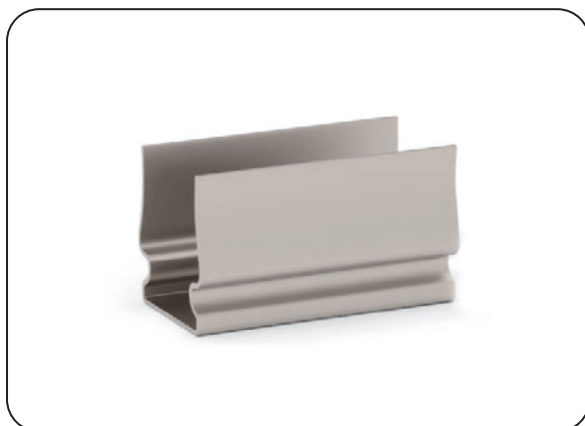


Surface Mounted

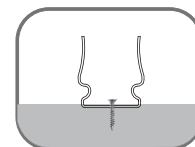


Model	W x H (mm)	Standard Length	Screw Holes	Holes Numbers
SJJ-ZSH-008-PC	23.30 x 28.70	30mm	Ø4.40mm	2

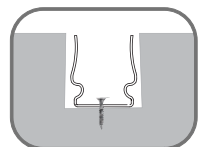
STAINLESS STEEL CHANNEL



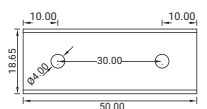
Installation Way



Surface Mounted



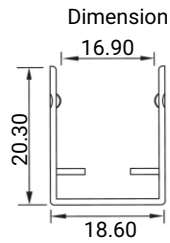
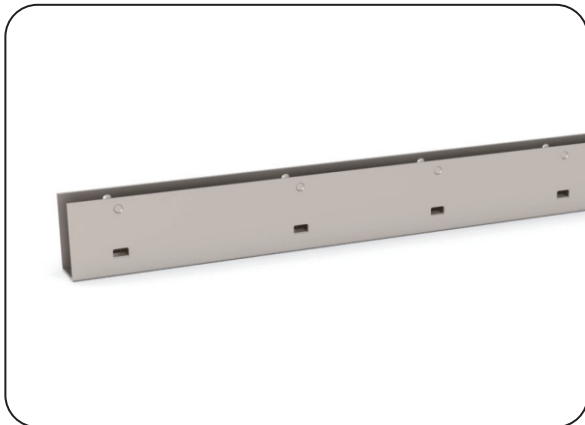
Recessed



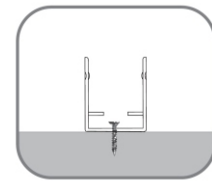
Model	W x H (mm)	Standard Length	Screw Holes	Holes Numbers
SSC16S01-05	19.35 x 20.03	50mm	Ø4.0mm	2

LFX NEON SERIES 17 SPEC SHEET

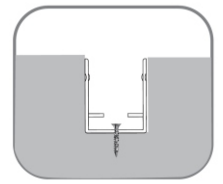
LFX-N-17 -MONO-48V-CC



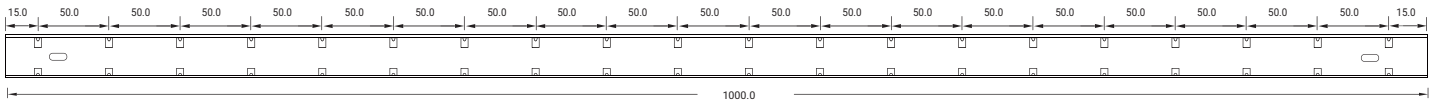
Installation Way



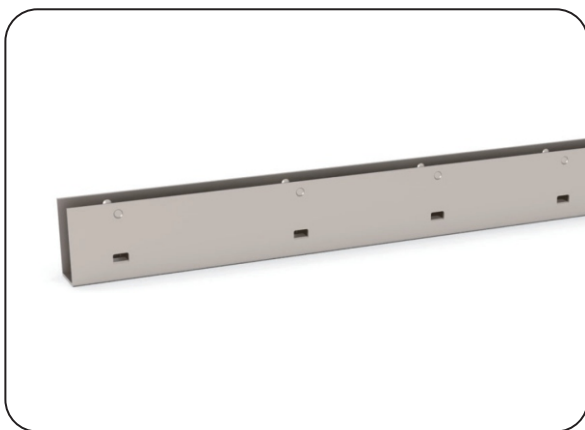
Surface Mounted



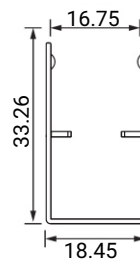
Recessed



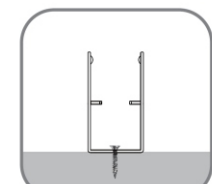
Model	W x H (mm)	Standard Length	Screw Holes	Holes Numbers
SSC16S02-100	18.60 x 20.30	1000mm	4.0 x 10mm	2



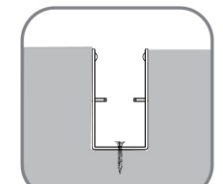
Dimension



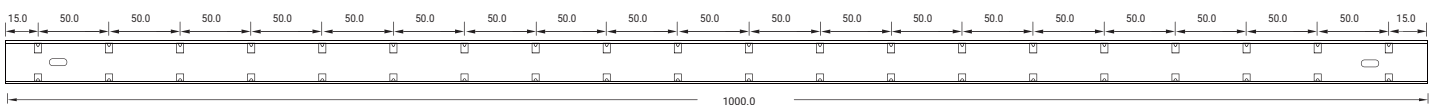
Installation Way



Surface Mounted



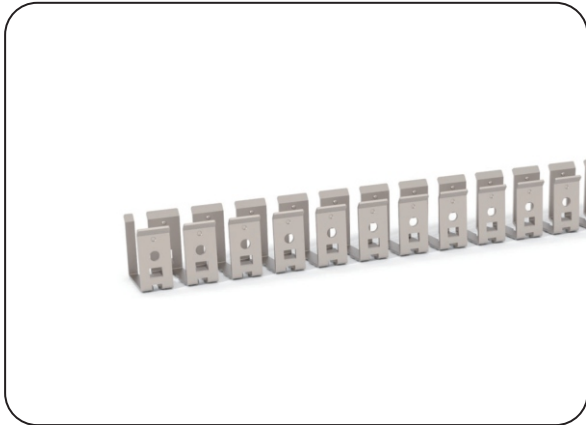
Recessed



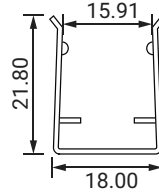
Model	W x H (mm)	Standard Length	Screw Holes	Holes Numbers
SSC16H01-100	18.45 x 33.26	1000mm	4.0 x 10mm	2

LFX NEON SERIES 17 SPEC SHEET

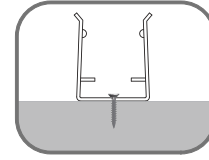
LFX-N-17 -MONO-48V-CC



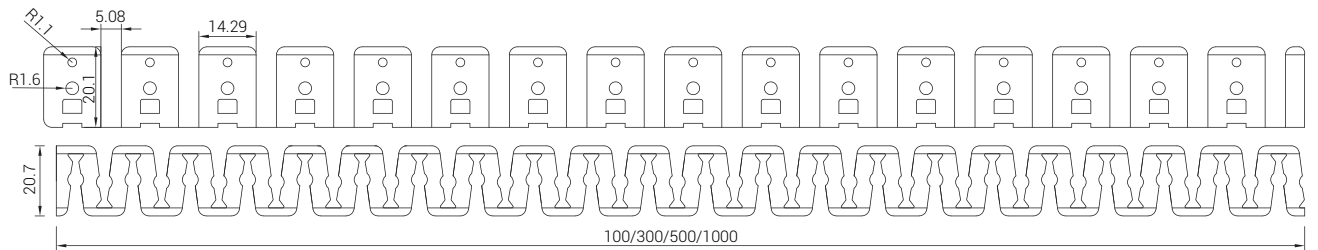
Dimension



Installation Way



Surface Mounted



Model	W x H (mm)	Standard Length
SSC16FLX01	18.00 x 21.80	100mm
SSC16FLX03		300mm
SSC16FLX05		500mm
SSC16FLX10		1000mm