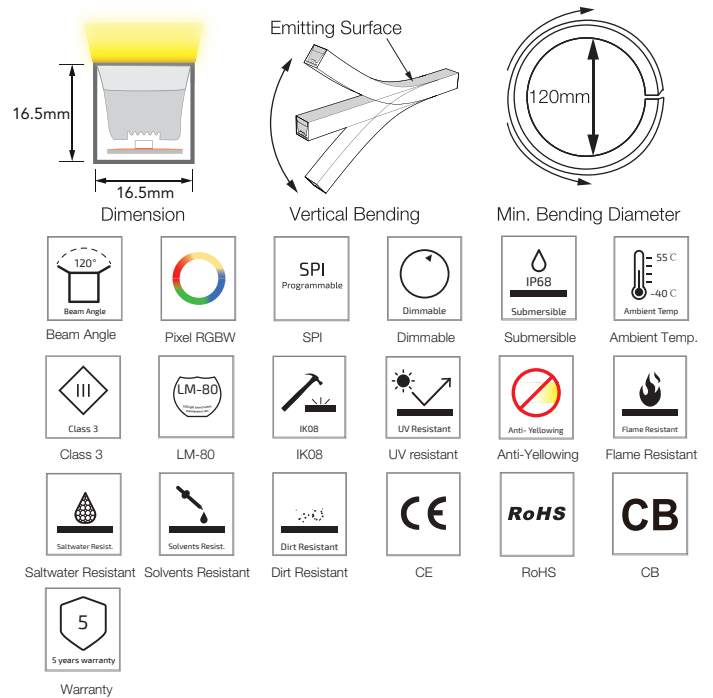
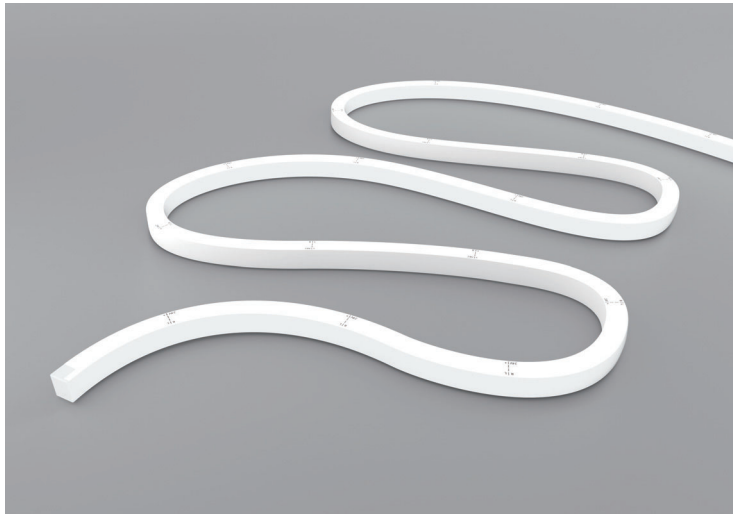


SF16 SPI Pixel Chasing RGBW Silicone LED linear Flex

SF16-24V-5050-70-SPI4-RGBW

Specification



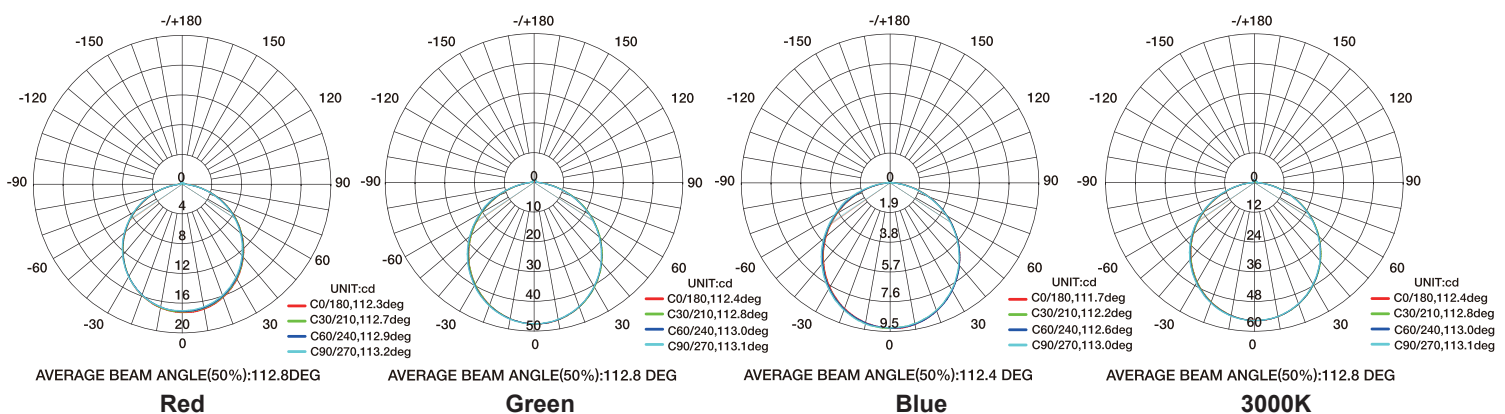
Technical Parameters

Electrical	
Input Voltage	24V DC
Power Consumption	22W/m
Physical	
LED Count	84 LEDs/m
Cutting Unit	7 LEDs
Cutting Unit Length	83.3mm
Minimum Bend Diameter	120mm
Output	
LED Light	Epistar SMD LED 5050
Color	RGBW(2700K/3000K/4000K/5000K)
Working Mode	SPI
Pixels Quantity	12 Pixels/m
IC Chips	UCS8904
Max Run Length*	
Single Feed	8 M
Double Feed	16 M
Beam Angle	120°
Lumen Maintenance	70,000 Hours L70 @ 25°C 50,000 Hours L70 @ 50°C

Emitting Color		Lumen Output
	Red	50lm/m
	Green	141lm/m
	Blue	26lm/m
	RGB(White)	361lm/m
	3000K	165lm/m

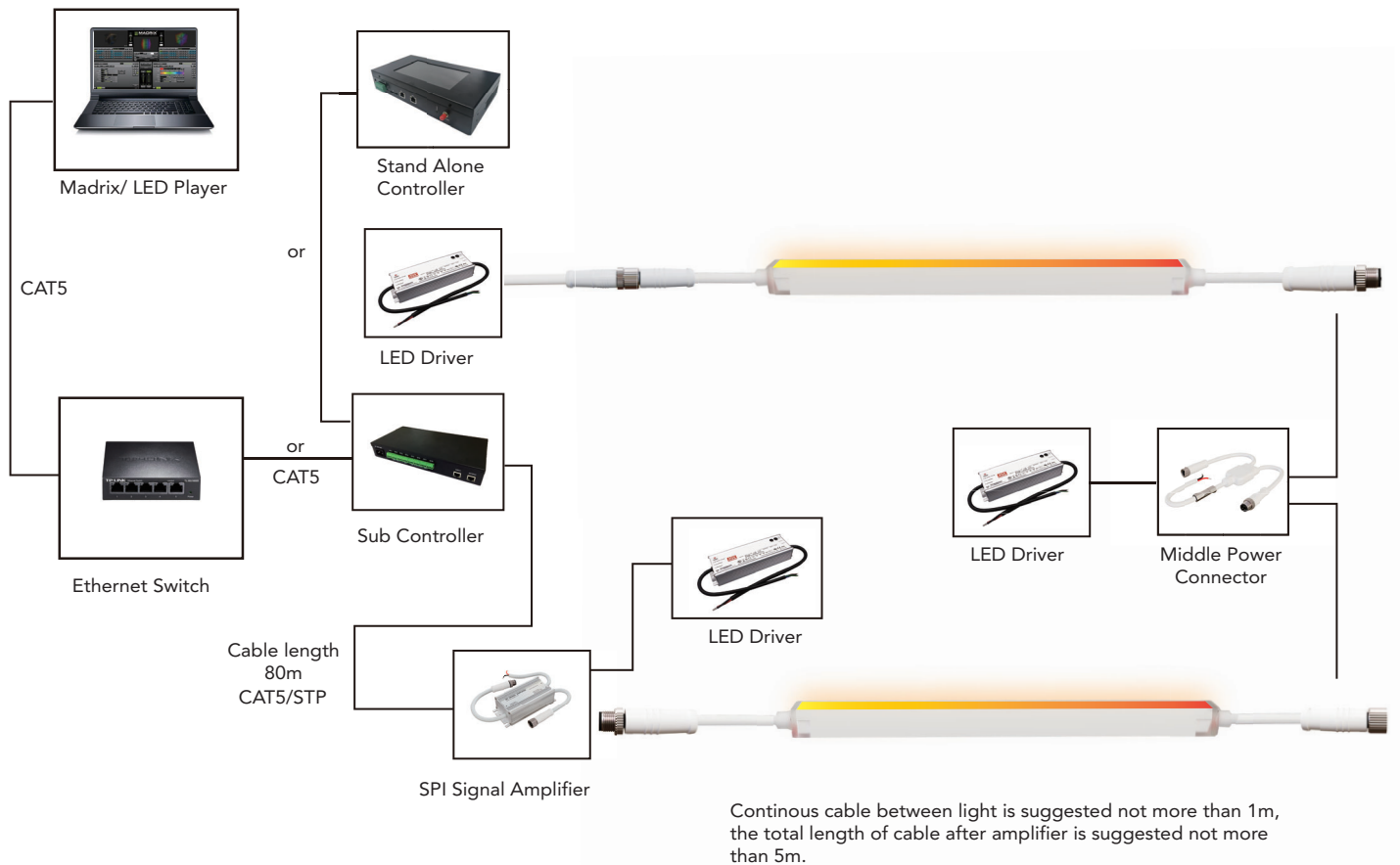
Temperature Ranges	
Installation	0°C to 50°C
Operating	-40°C to 55°C
Dependability	
Warranty	5 Years Warranty
IP Rating	IP68 Wet location submersible <2m

Illuminance Distribution



SF16 SPI Pixel Chasing RGBW Silicone LED Linear Flex

Connection

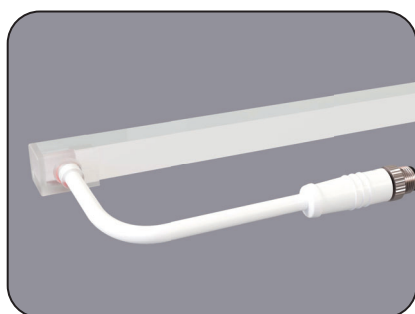
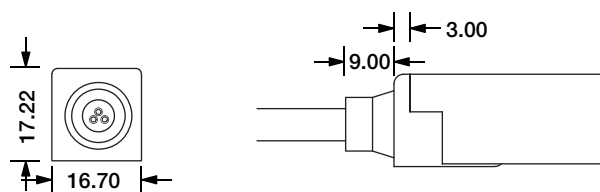


SF16 Configuration and Accessories

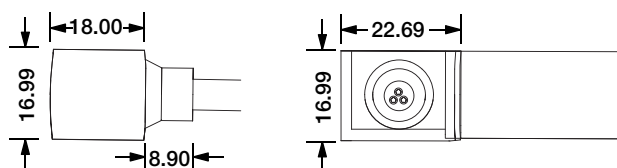
Mold injection Connector (IP68 Factory Assembly Only)



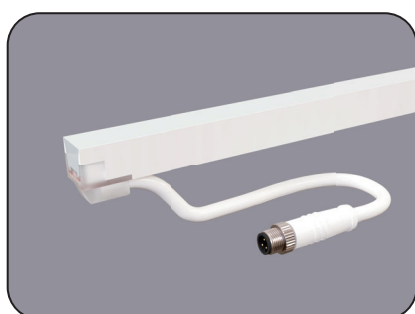
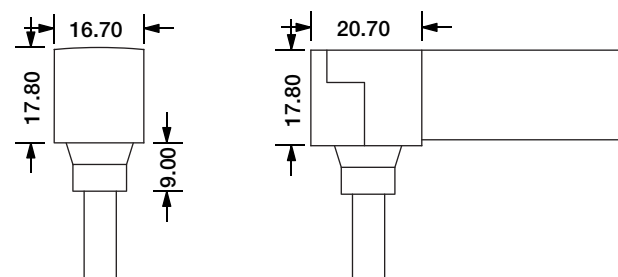
Direct Entry Connector
MJ-SF16-D3-D02SM
MJ-SF16-D3-D03SFM



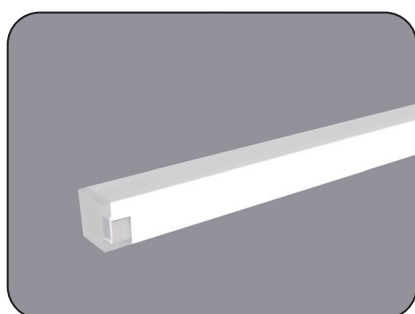
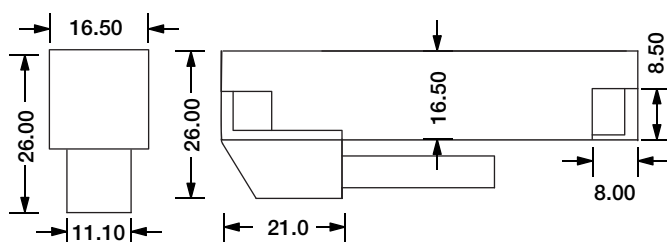
Side Entry Connector
MJ-SF16-D3-S02SM
MJ-SF16-D3-S03SFM



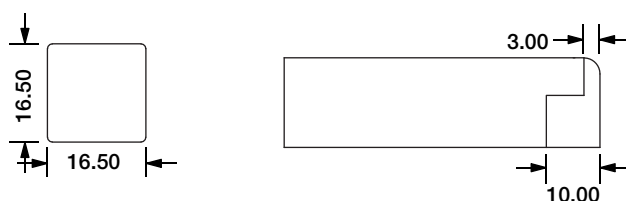
Bottom Entry Connector
MJ-SF16-D3-B02SM
MJ-SF16-D3-B03SFM



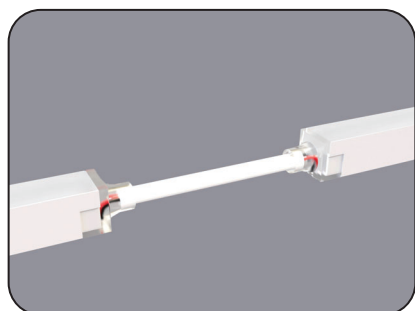
L Shape Entry Connector
MJ-SF16-D3-L02SM
MJ-SF16-D3-L02SFM



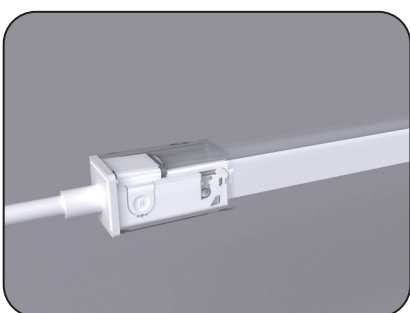
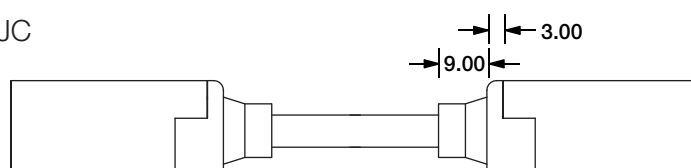
End Cap



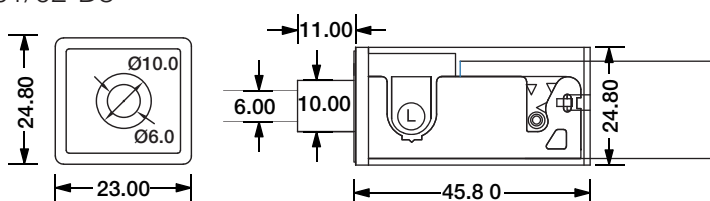
SF16 Configuration and Accessories



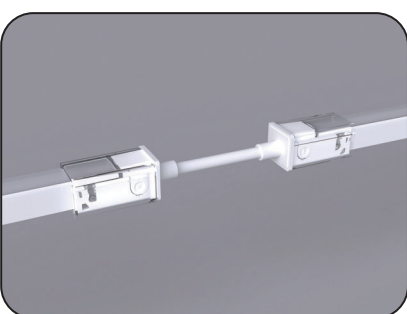
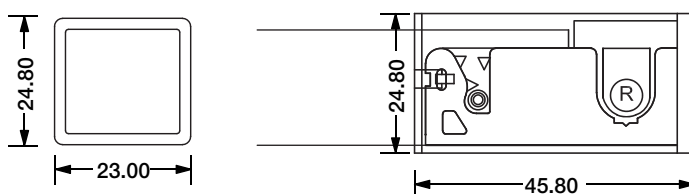
Jumper
MJ-SF16-D3-D-JC



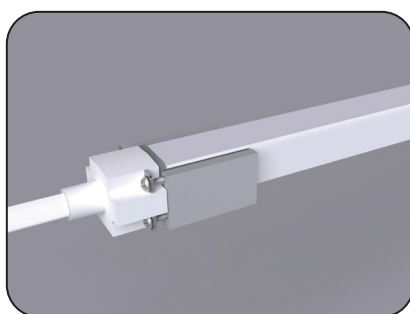
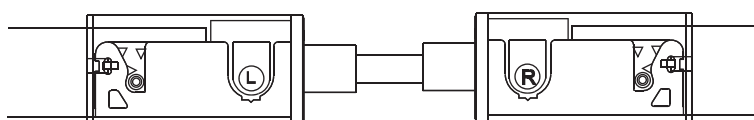
DIY Snap Connector
DIY-SN-FR-16-D-01/02-D3



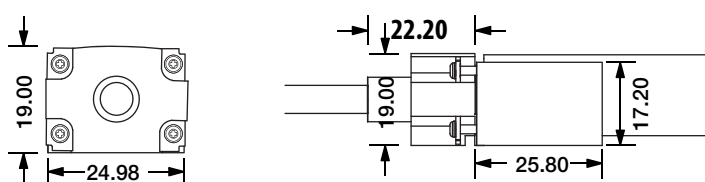
DIY Snap End Cap
DIY-SN-END-16-D-01/02



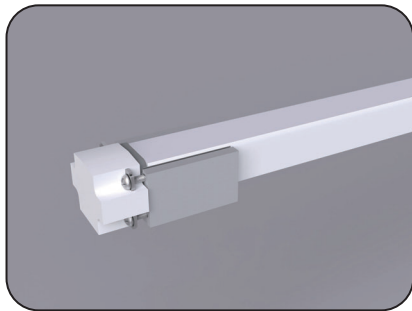
DIY Snap Extent Connector
DIY-SN-EXT-16-D3



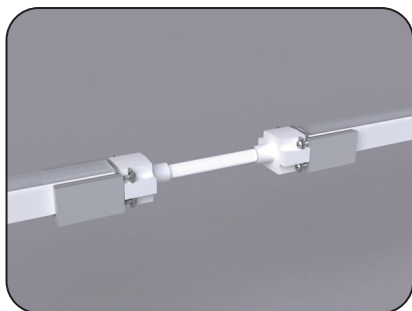
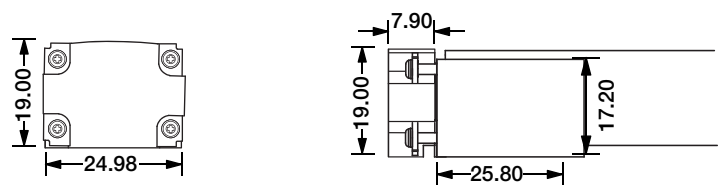
DIY Screw Connector
DIY-SC-FR-16-D-01/02-D3



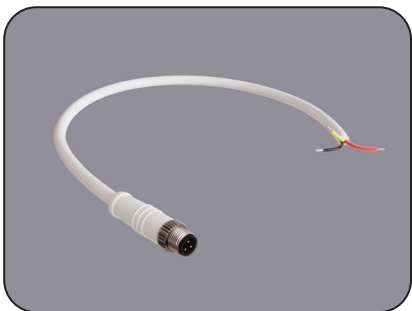
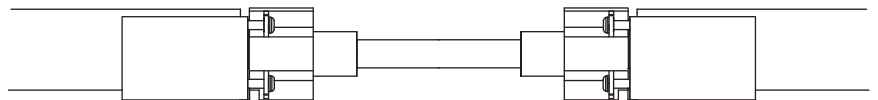
SF16 Configuration and Accessories



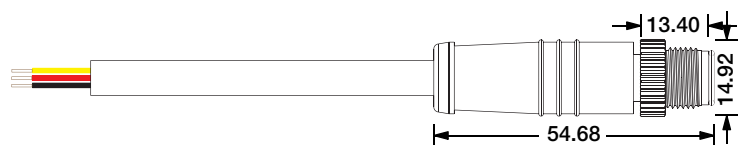
DIY Screw End Cap
DIY-SC-END-16



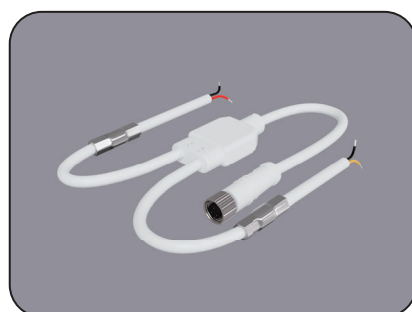
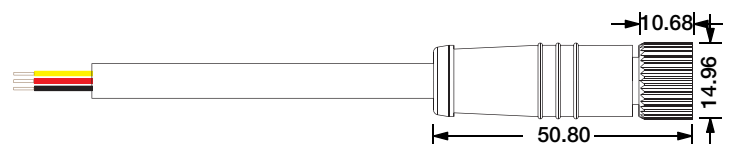
DIY Screw Extent Connector
DIY-SC-EXT-16-D3



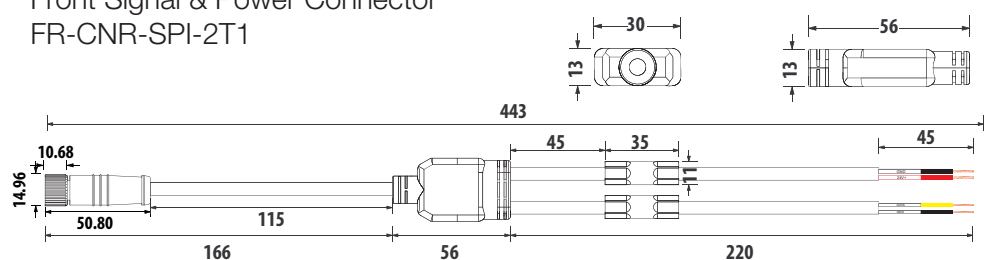
Male Connector
M12-M-3C-20AWG-D6-W-0327-S



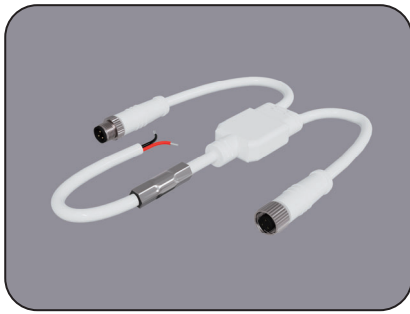
Female Connector
M12-F-3C-20AWG-D6-W-0327-S



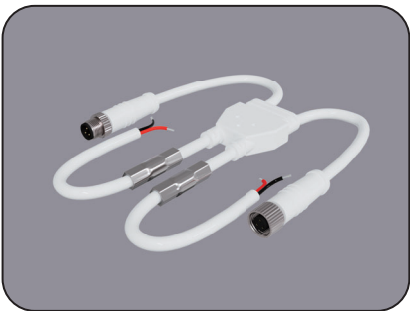
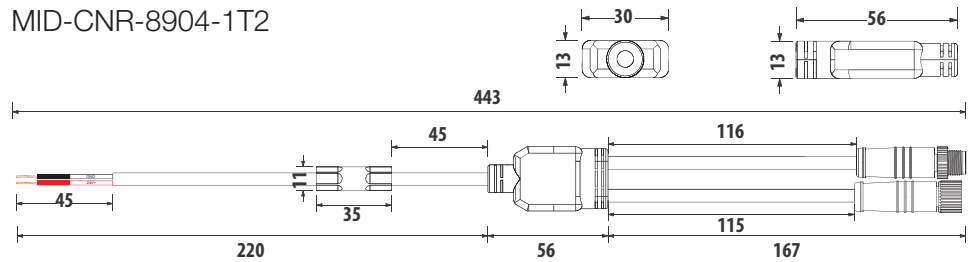
Front Signal & Power Connector
FR-CNR-SPI-2T1



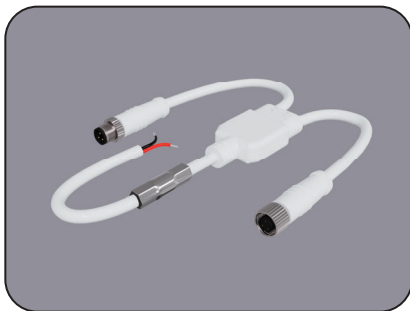
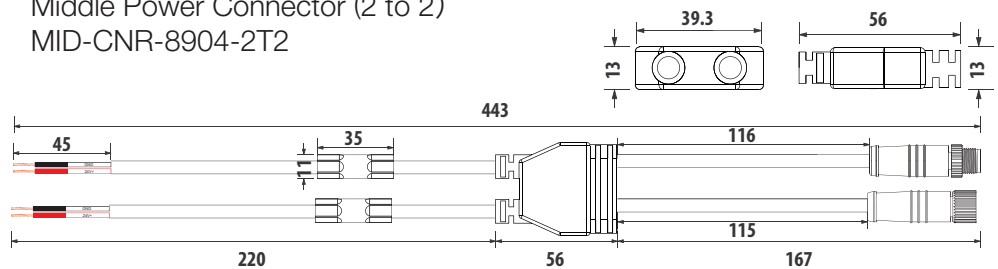
SF16 Configuration and Accessories



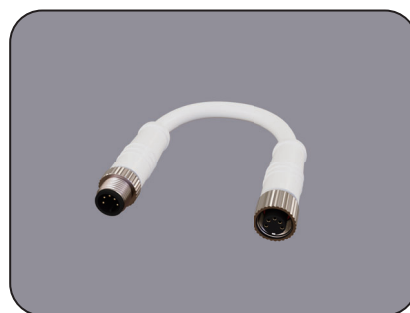
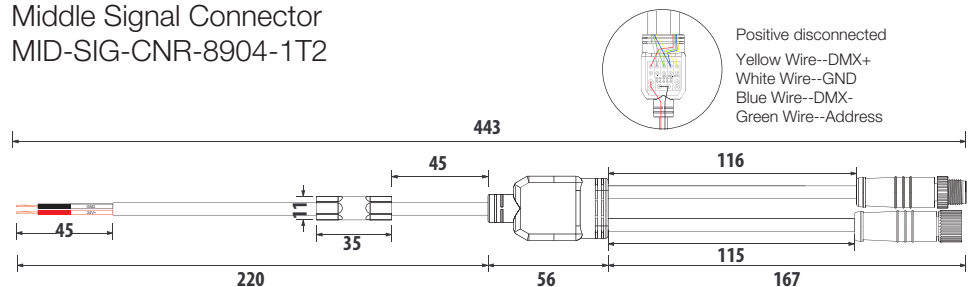
Middle Power Connector (1 to 2)
MID-CNR-8904-1T2



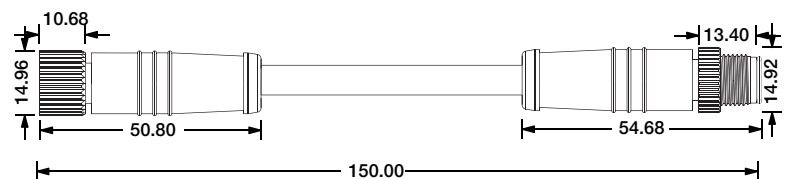
Middle Power Connector (2 to 2)
MID-CNR-8904-2T2



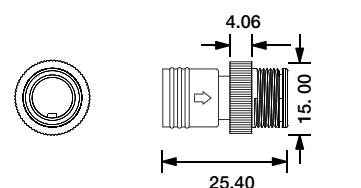
Middle Signal Connector
MID-SIG-CNR-8904-1T2



Positive Disconnected Connector Cable
M12-EXT-SIG-5C-20AWG-D6-W-015



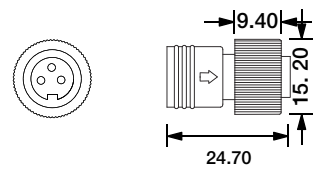
Male Connector End Cap
SYZ-EC-M12-M



SF16 Configuration and Accessories

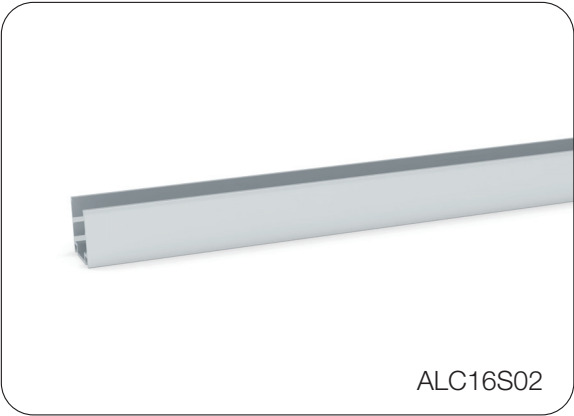


Female Connector End Cap
SYZ-EC-M12-F-3C

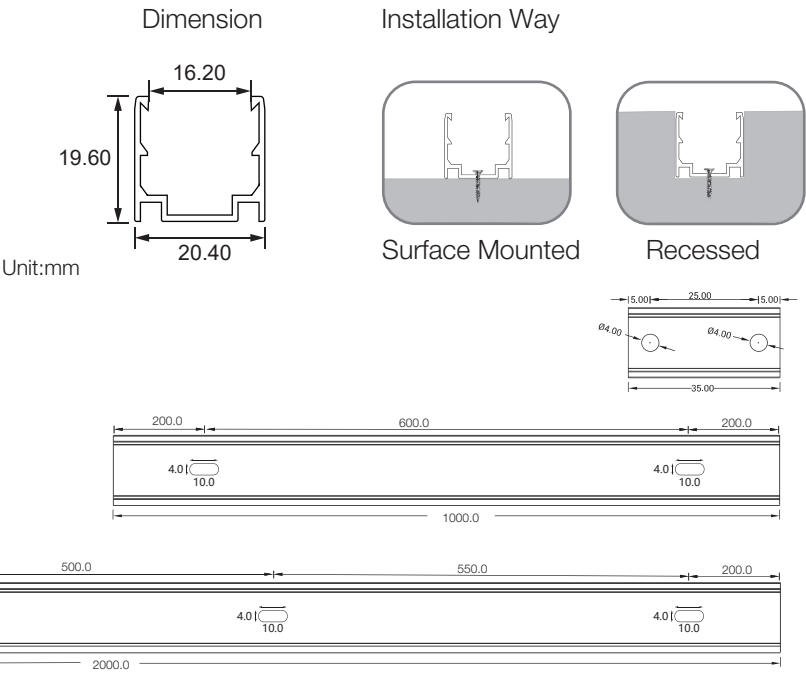


LED Linear Flex Mounting Channel

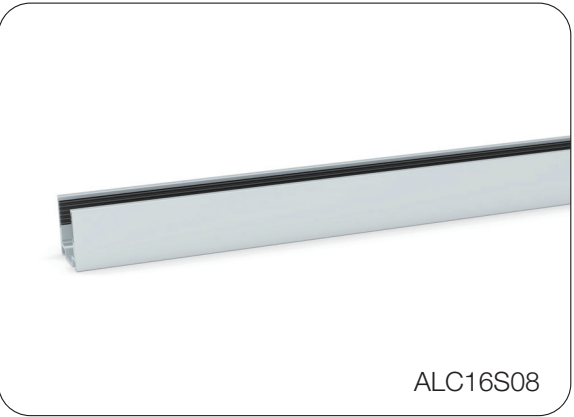
1. Aluminum Channel



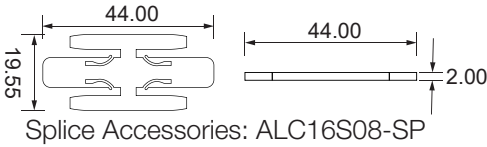
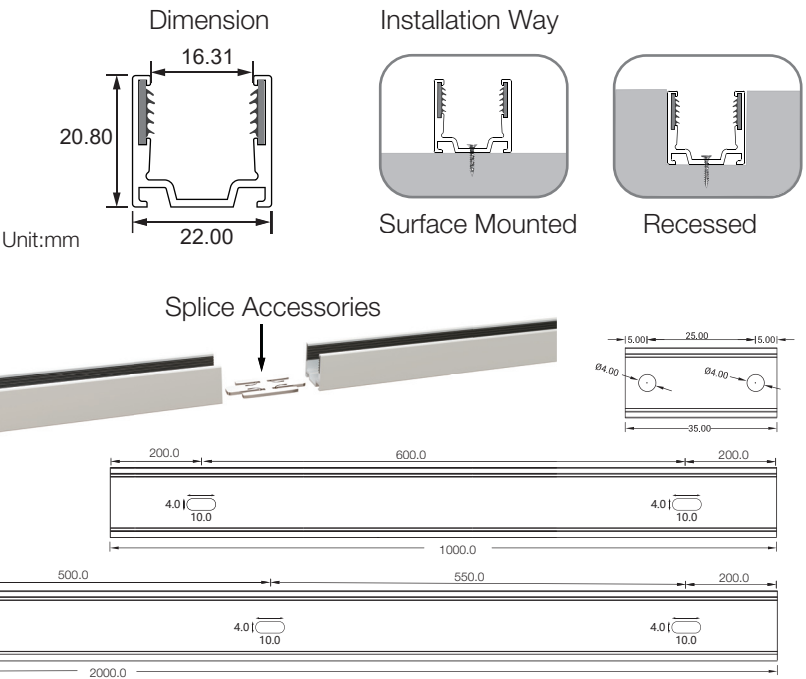
ALC16S02



Model	W x H(mm)	Standard Length	Screw Holes	Holes Numbers	Suitable Product
ALC16S02-035	20.40*19.60	35mm	Φ4.0mm	2	F16, SF16
ALC16S02-100		1000mm	○4.0mm	2	F16, SF16
ALC16S02-200		2000mm	○4.0mm	4	F16, SF16

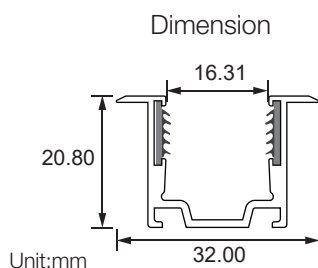


ALC16S08

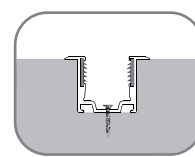


Model	W x H(mm)	Standard Length	Screw Holes	Holes Numbers	Suitable Product
ALC16S08-035	22.00*20.80	35mm	Φ4.0mm	2	F16, SF16
ALC16S08-100		1000mm	○4.0mm	2	F16, SF16
ALC16S08-200		2000mm	○4.0mm	4	F16, SF16

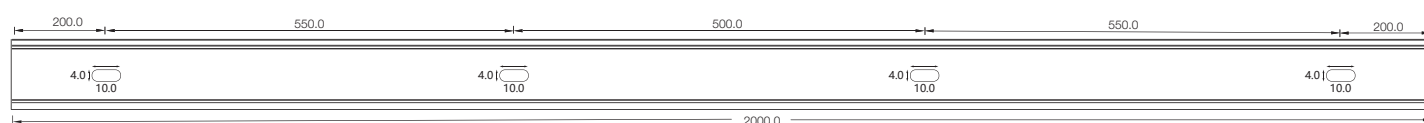
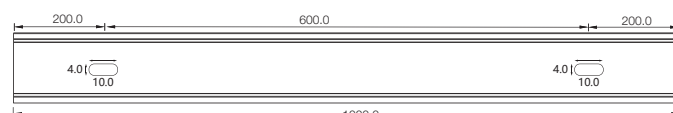
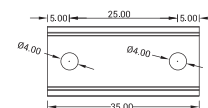
LED Linear Flex Mounting Channel



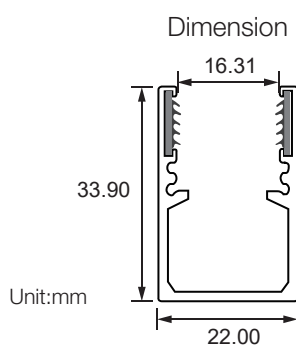
Installation Way



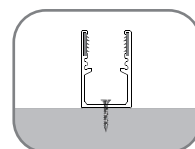
Recessed



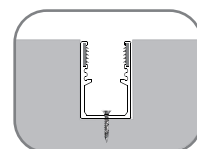
Model	W x H(mm)	Standard Length	Screw Holes	Holes Numbers	Suitable Product
ALC16S07-035	22.0*22.8	35mm	Φ4.0mm	2	F16, SF16
ALC16S07-100		1000mm	○4.0mm	2	F16, SF16
ALC16S07-200		2000mm	○4.0mm	4	F16, SF16



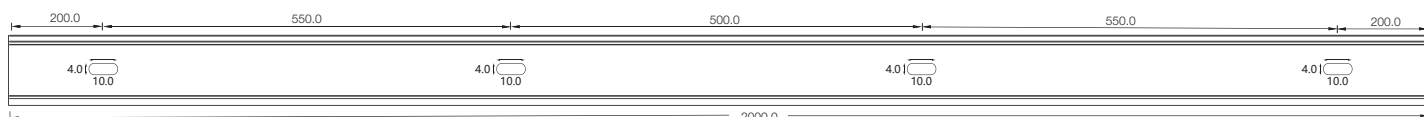
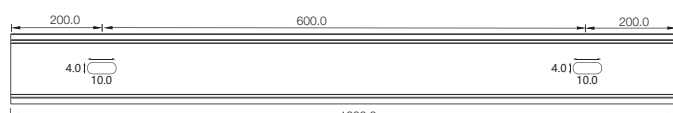
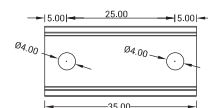
Installation Way



Surface Mounted



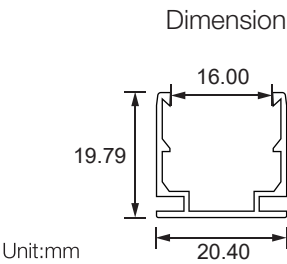
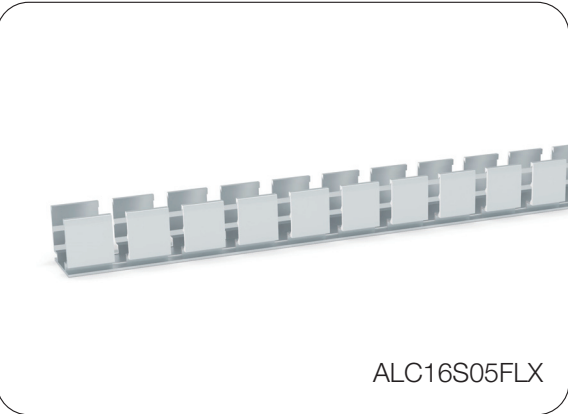
Recessed



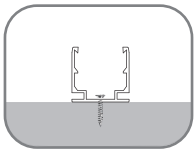
Model	W x H(mm)	Standard Length	Screw Holes	Holes Numbers	Suitable Product
ALC16H02-035	22.00*33.90	35mm	Φ4.0mm	2	F16, SF16
ALC16H02-100		1000mm	○4.0mm	2	F16, SF16
ALC16H02-200		2000mm	○4.0mm	4	F16, SF16

LED Linear Flex Mounting Channel

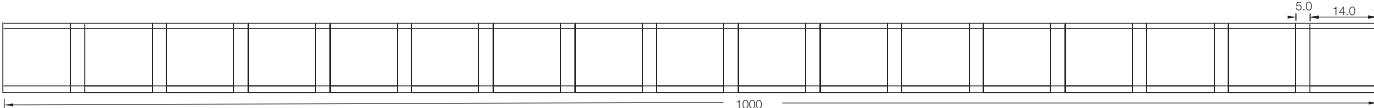
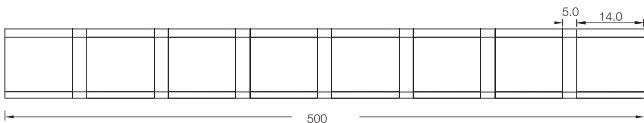
2. Flexible Aluminum Channel



Installation Way

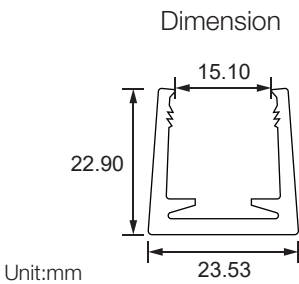
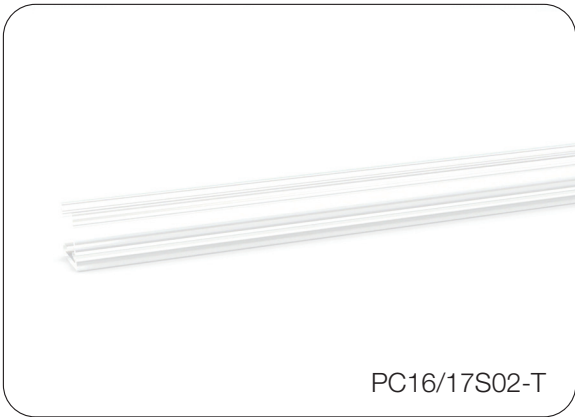


Surface Mounted

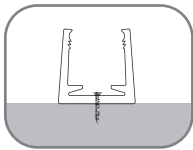


Model	W x H(mm)	Standard Length	Suitable Product
ALC16S05FLX-05	20.4*19.79	500mm	F16, SF16
ALC16S05FLX-10		1000mm	F16, SF16

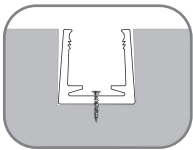
3. Plastic Channel



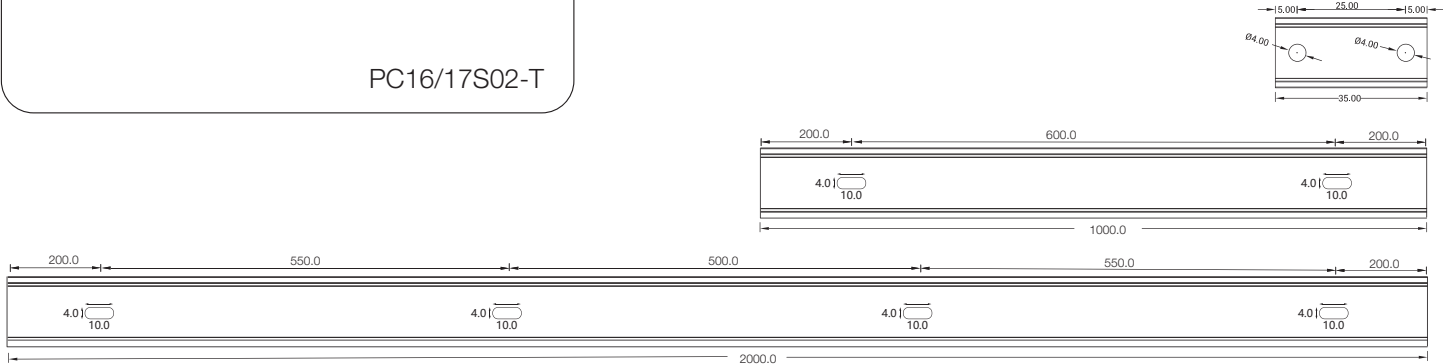
Installation Way



Surface Mounted



Recessed

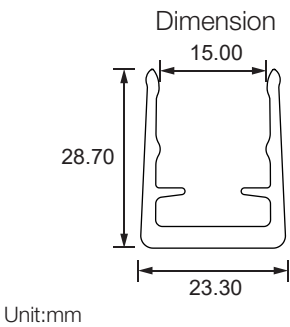


Model	W x H(mm)	Standard Length	Screw Holes	Holes Numbers	Suitable Product
PC16/17S02-T-100	23.53*22.90	1000mm	Φ4.0mm	2	F16, SF16

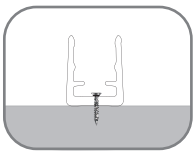
LED Linear Flex Mounting Channel



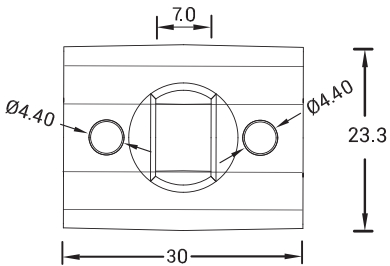
SJJ-ZSH-008-PC



Installation Way

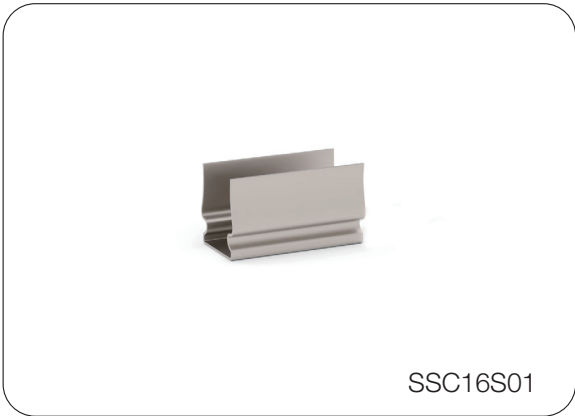


Surface Mounted

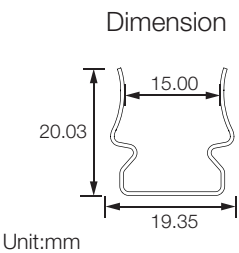


Model	W x H(mm)	Standard Length	Screw Holes	Holes Numbers	Suitable Product
SJJ-ZSH-008-PC	23.3*28.7	30mm	Ø4.40mm	2	F16, SF16

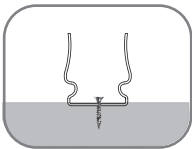
4. Stainless Steel Channel



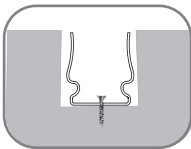
SSC16S01



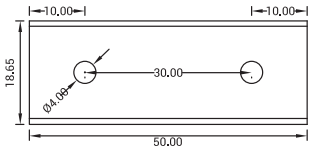
Installation Way



Surface Mounted

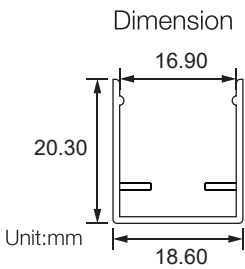


Recessed

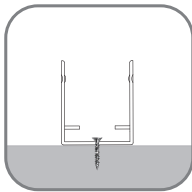


Model	W x H(mm)	Standard Length	Material	Screw Holes	Holes Numbers	Suitable Product
SSC16S01-05	19.35*20.03	50mm	Stainless Steel 316L	Ø4.0mm	2	F16, SF16

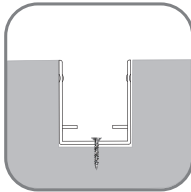
LED Linear Flex Mounting Channel



Installation Way

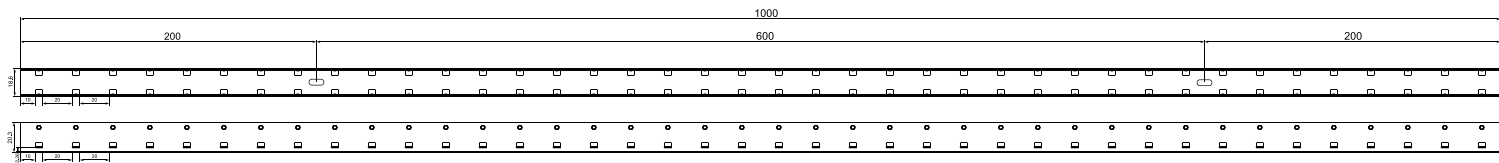


Surface Mounted

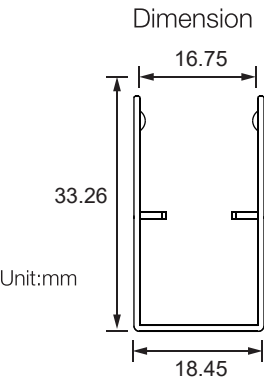


Recessed

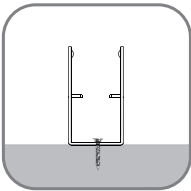
SSC16S02



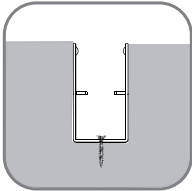
Model	W x H(mm)	Standard Length	Material	Screw Holes	Holes Numbers	Suitable Product
SSC16S02-100	18.60*20.3	1000mm	Stainless Steel 316L	4.0x10mm	2	F16, SF16



Installation Way

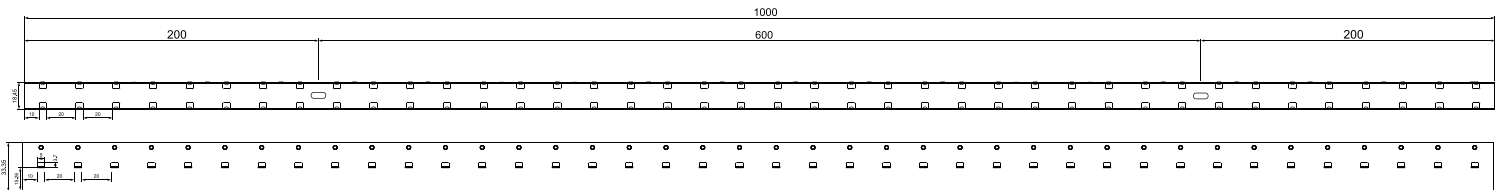


Surface Mounted



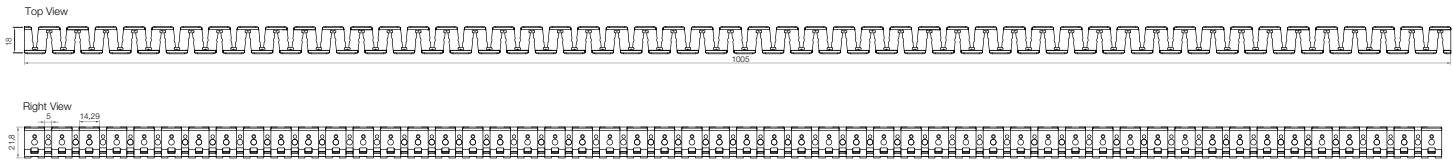
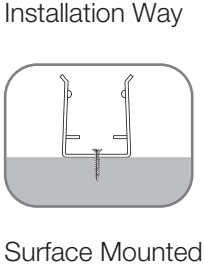
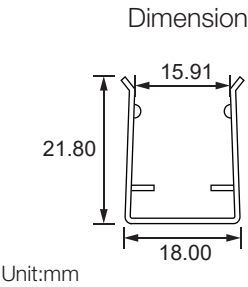
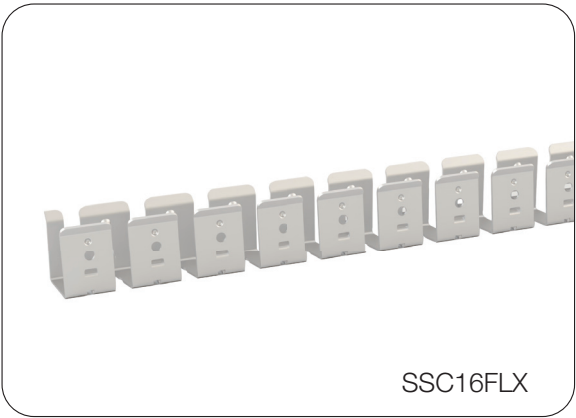
Recessed

SSC16H01



Model	W x H(mm)	Standard Length	Material	Screw Holes	Holes Numbers	Suitable Product
SSC16H01-100	18.45*33.26	1000mm	Stainless Steel 316L	4.0x10mm	2	F16, SF16

LED Linear Flex Mounting Channel



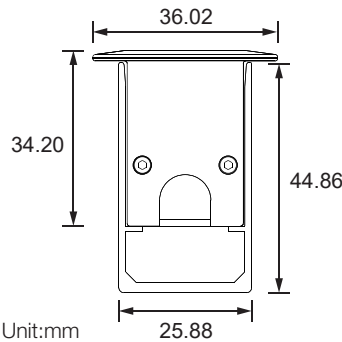
Model	W x H(mm)	Standard Length	Material	Suitable Product
SSC16FLX01	18.00*21.80	100mm	Stainless Steel 316L	F16, SF16
SSC16FLX03		300mm	Stainless Steel 316L	F16, SF16
SSC16FLX05		500mm	Stainless Steel 316L	F16, SF16
SSC16FLX10		1000mm	Stainless Steel 316L	F16, SF16

LED Linear Flex Mounting Channel

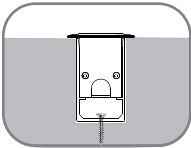
5. Buried And Recessed Type



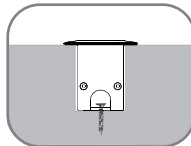
ALC-WL-B-02-A/B



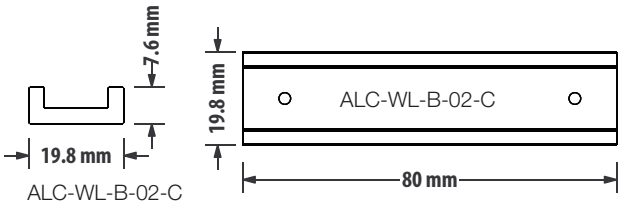
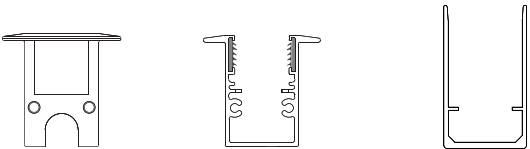
Installation Way



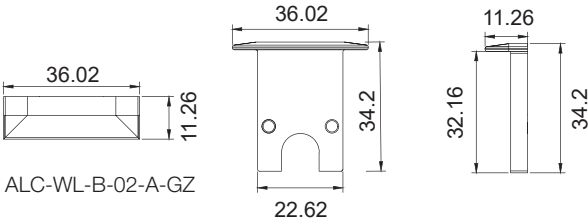
ALC-WL-B-02-A
ALC-WL-B-02-B
Buried Mounted



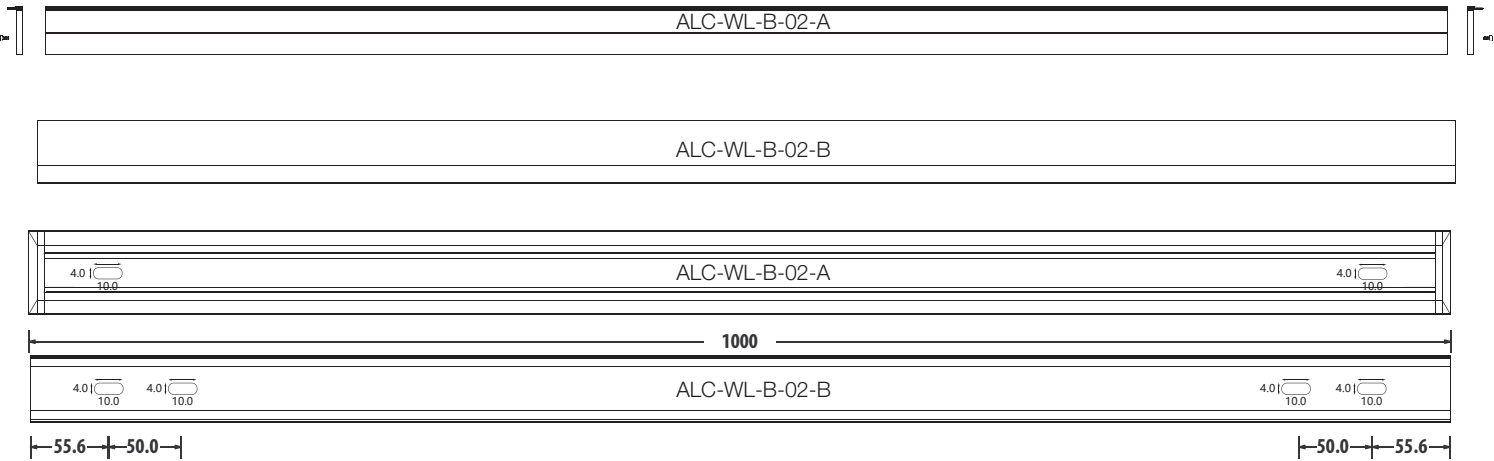
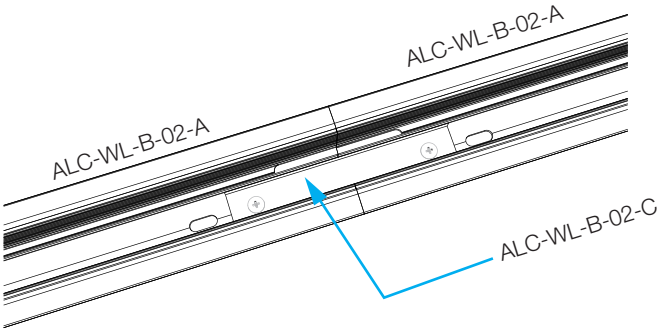
ALC-WL-B-02-A
Recessed



ALC-WL-B-02-C

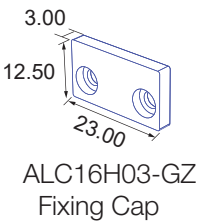
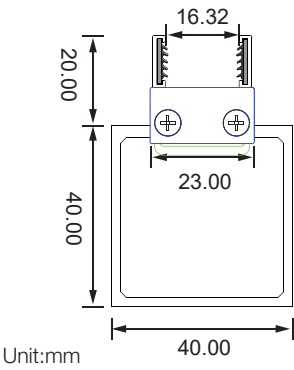
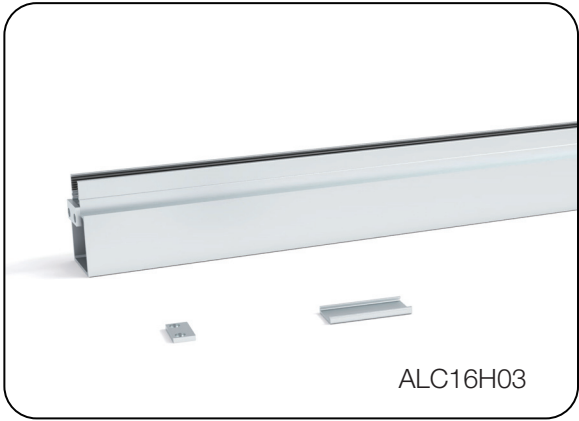


ALC-WL-B-02-A-GZ

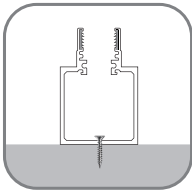


Model	W x H(mm)	Installation Way	Optional Length	Suitable Product
ALC-WL-B-02-A	36.02*34.20	Recessed	500mm/1000mm/2000mm	F16, SF16
ALC-WL-B-02-B	25.88*44.86	Buried Mounted	500mm/1000mm/2000mm	F16, SF16
ALC-WL-B-02-C	19.8*7.6	Connective Accessories	80mm	F16, SF16

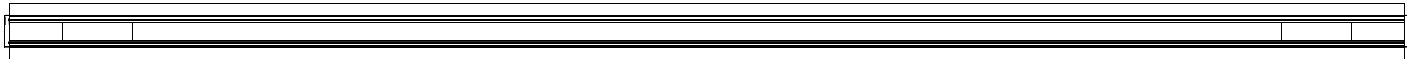
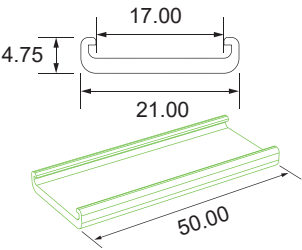
LED Linear Flex Mounting Channel



Installation Way



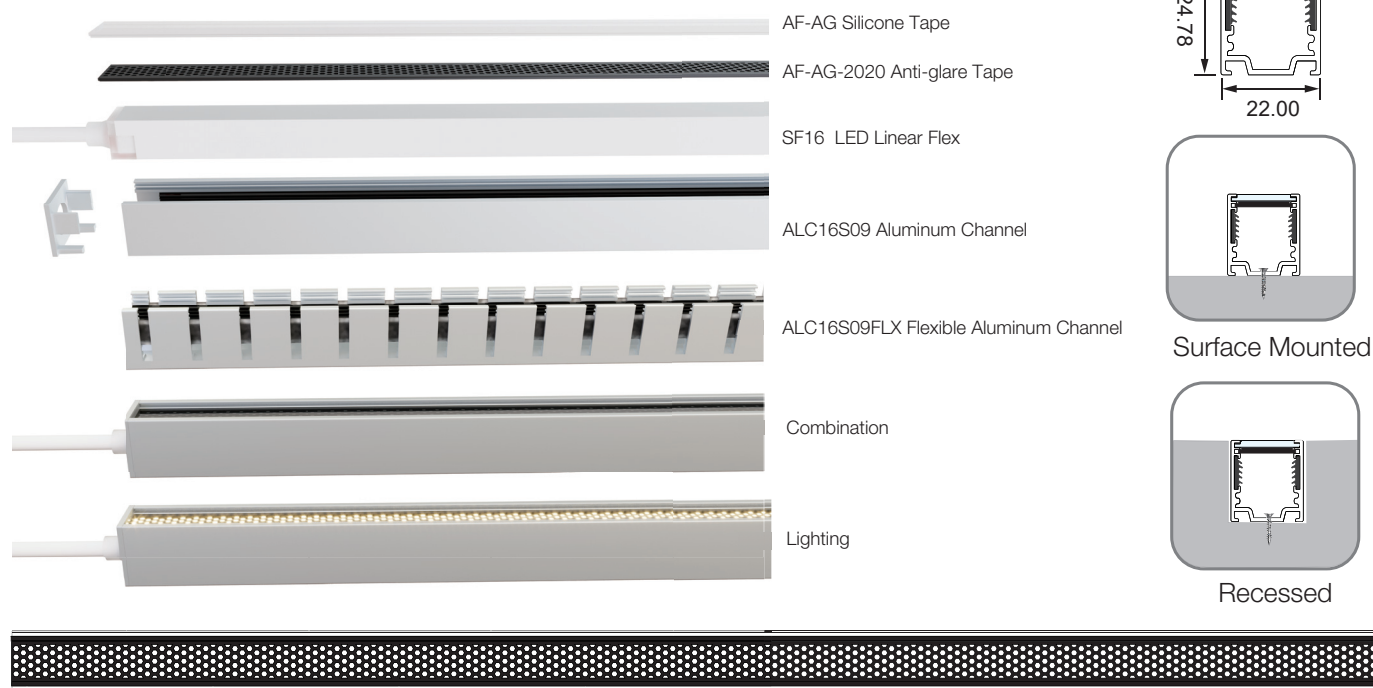
Surface Mounted



Model	W x H(mm)	Installation Way	Optional Length	Suitable Product
ALC16H03-100	40.00*60.00	Surface Mounted	1000mm/2000mm	F16, SF16
ALC16H03-200		Surface Mounted	1000mm/2000mm	F16, SF16

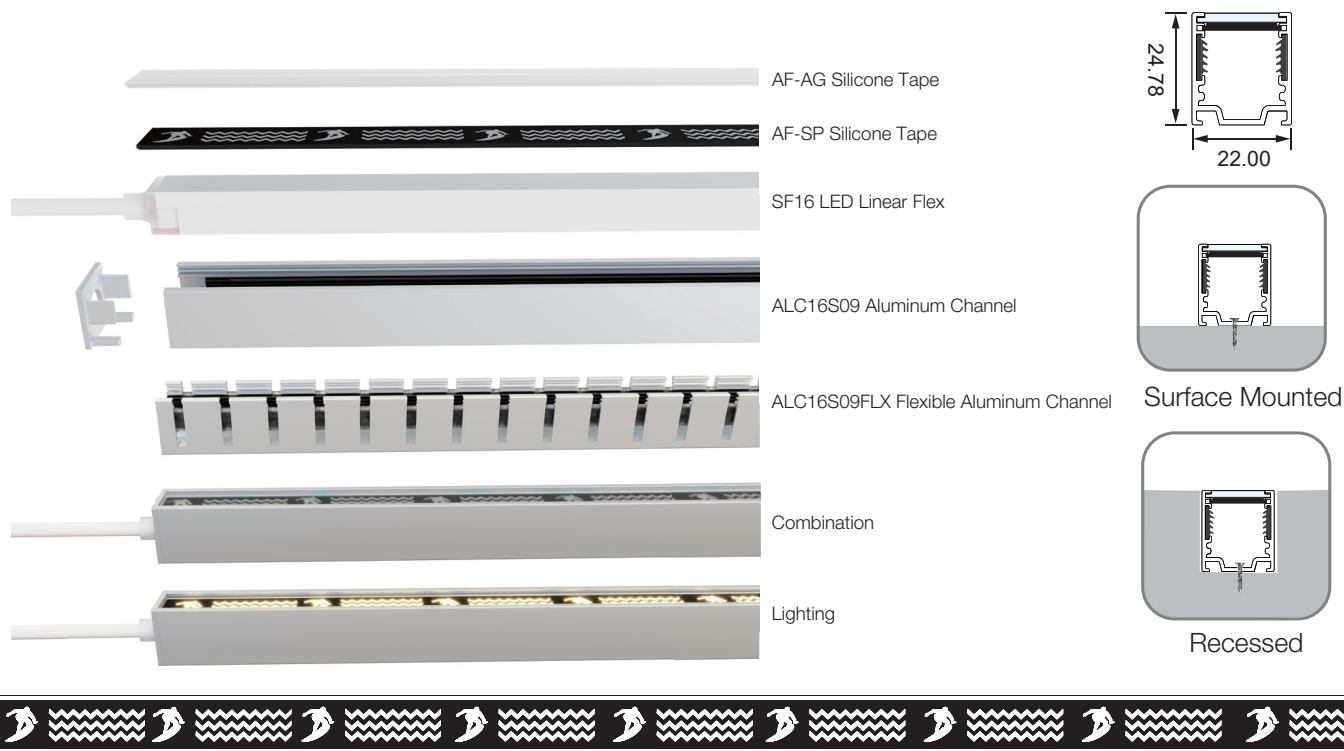
Artflex LED Linear Flex Mounting Channel

Glare-Free Kit



Model	W x H(mm)	Standard Length	Screw Holes	Holes Numbers	Suitable Product
AF-AG-2020-ALC16S09	22.00*24.78	1000mm	4.0x10mm	2	SF16

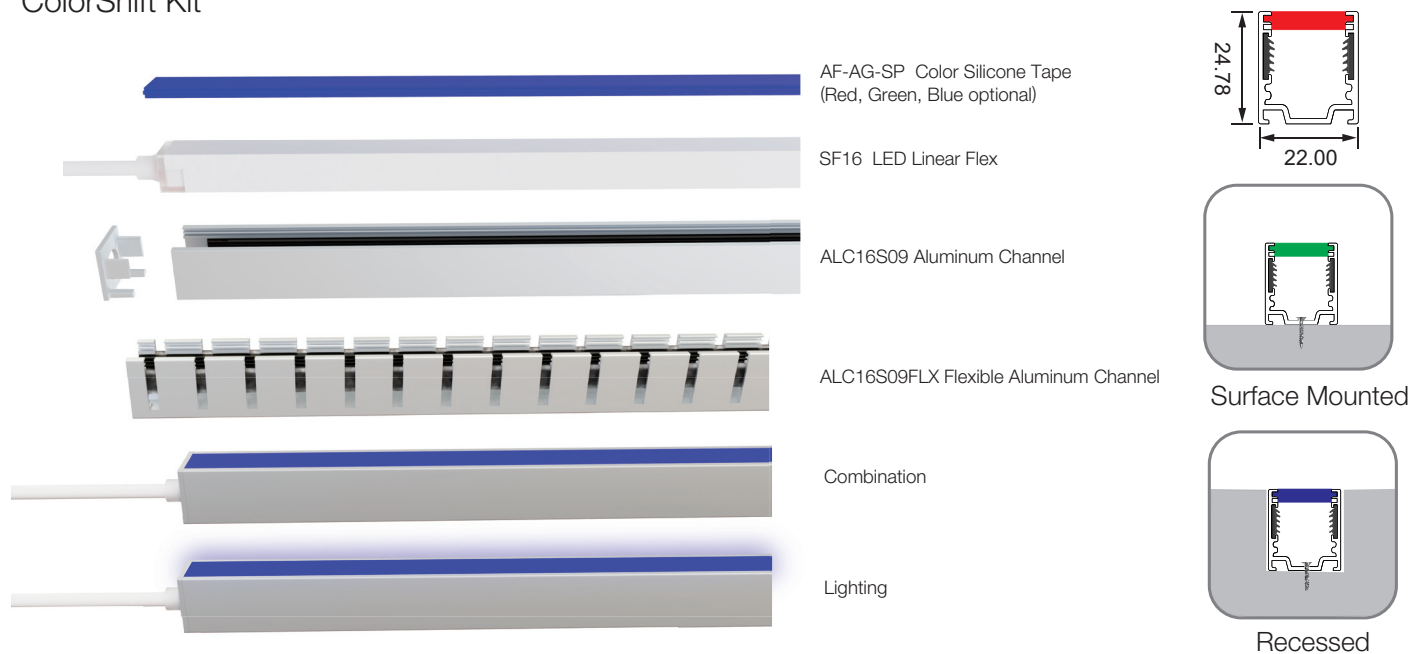
Artflex Kit



Model	W x H(mm)	Standard Length	Screw Holes	Holes Numbers	Suitable Product
AF-SP-ALC16S09	22.00*24.78	1000mm	4.0x10mm	2	SF16

Artflex LED Linear Flex Mounting Channel

ColorShift Kit



Model	W x H(mm)	Standard Length	Screw Holes	Holes Numbers	Suitable Product
AF-AG-SP-ALC16S09	22.00*24.78	1000mm	4.0x10mm	2	SF16

Product Packing Details



Standard : Carton (White Carton+Paper Reel Inside)

Product	Max.length/Reel	Carton Size	Net Weight	Gross Weight
F15/SF15	30m	35*35*19cm	12.0kg	13.6kg
F16/SF16	28m	35*35*19cm	12.9kg	14.5kg
SF17	28m	35*35*19cm	12.9kg	14.5kg
SF18	28m	35*35*19cm	12.9kg	14.5kg
F21/SF21	20m	35*35*19cm	10.4kg	12.0kg
SF10	35m	35*35*19cm	11.2kg	12.8kg
SF09	45m	35*35*19cm	7.7kg	9.3kg
SF08	60m	35*35*19cm	14.4kg	16.0kg
SF06	60m	35*35*19cm	14.4kg	16.0kg



Standard : Carton (White Carton+ Roll up packing Inside)

Product	Coiling Max. length	Quantity (Roll)	Carton Size	Net Weight	Gross Weight
SP01	10m	10	35*35*19cm	20.0kg	21.6kg
SP05	11m	10	35*35*19cm	19.8kg	21.4kg
SF05	11m	10	35*35*19cm	18.0kg	19.6kg
SF06	8m	14	35*35*19cm	26.8kg	28.4kg
SF08	8m	14	35*35*19cm	26.8kg	28.4kg
SF09	8m	10	35*35*19cm	14.4kg	16.0kg
SF10	6m	11	35*35*19cm	21.2kg	22.8kg
F15/SF15	6m	7	35*35*19cm	16.8kg	18.4kg
F16/SF16	4.5m	9	35*35*19cm	18.7kg	20.3kg
SF17	4.5m	9	35*35*19cm	18.7kg	20.3kg
SF18	4.5m	9	35*35*19cm	18.7kg	20.3kg
F21/SF21	4.5m	9	35*35*19cm	21.0kg	22.6kg
SF24	13m	2	41*41*19cm	15.6kg	17.5kg

Product Packing Details



Custom : Carton (White Box+Plastic Plate Inside)

Product	Packing 1				Packing 2			
	Packing 1 Max. Length	Quantity (Plate)	Carton Size	Gross Weight	Packing 2 Max. Length	Quantity (Plate)	Carton Size	Gross Weight
F15/SF15	5m	1	41*41*5cm	2.5kg	10m	1	57*48*6cm	5.0kg
		4	41*41*19cm	10.6kg		5	57*48*19cm	25.0kg
F16/SF16	5m	1	41*41*5cm	2.5kg	10m	1	63*53*6cm	5.0kg
		4	41*41*19cm	10.0kg		3	63*53*16cm	15.0kg
SF17	5m	1	41*41*5cm	2.5kg	10m	1	63*53*6cm	5.0kg
		4	41*41*19cm	10.6kg		3	63*53*16cm	15.0kg
SF18	5m	1	41*41*5cm	2.5kg	10m	1	63*53*6cm	5.0kg
		4	41*41*19cm	10.6kg		3	63*53*16cm	15.0kg
F21/SF21	5m	1	41*41*5cm	3.1kg	10m	1	63*53*6cm	6.2kg
		4	41*41*19cm	13.0kg		3	63*53*16cm	18.6kg
SP01	10m	1	41*41*5cm	2.6kg	20m	1	57*48*6cm	5.0kg
		4	41*41*19cm	11.0kg		5	57*48*19cm	25.0kg
SP05	10m	1	41*41*5cm	2.4kg	20m	1	57*48*6cm	3.6kg
		4	41*41*19cm	9.6kg		5	57*48*19cm	18.0kg
SF05	10m	1	41*41*5cm	2.0kg	20m	1	57*48*6cm	4.0kg
		4	41*41*19cm	8.0kg		5	57*48*19cm	20.0kg
SF06	7m	1	41*41*5cm	2.3kg	14m	1	57*48*6cm	4.4kg
		4	41*41*19cm	9.2kg		5	57*48*19cm	22.0kg
SF08	7m	1	41*41*5cm	2.3kg	14m	1	57*48*6cm	4.4kg
		4	41*41*19cm	9.2kg		5	57*48*19cm	22.0kg
SF09	9m	1	41*41*5cm	2.0kg	18m	1	57*48*6cm	3.9kg
		4	41*41*19cm	8.0kg		5	57*48*19cm	19.5kg
SF10	5m	1	41*41*5cm	2.3kg	10m	1	57*48*6cm	4.2kg
		4	41*41*19cm	9.2kg		5	57*48*19cm	21.0kg
SF24	5m	1	57*48*6cm	2.3kg	10m	1	63*53*6cm	4.2kg
		4	57*48*19cm	9.2kg		5	63*53*16cm	21.0kg
SF33	3m	1	63*53*6cm	3.4kg	10m	1	85*73*6cm	11.5kg
		3	63*53*16cm	10.2kg		2	85*73*11cm	23.0kg
SF34	3m	1	63*53*6cm	3.2kg	10m	1	85*73*6cm	11.0kg
		3	63*53*16cm	9.6kg		2	85*73*11cm	22.0kg