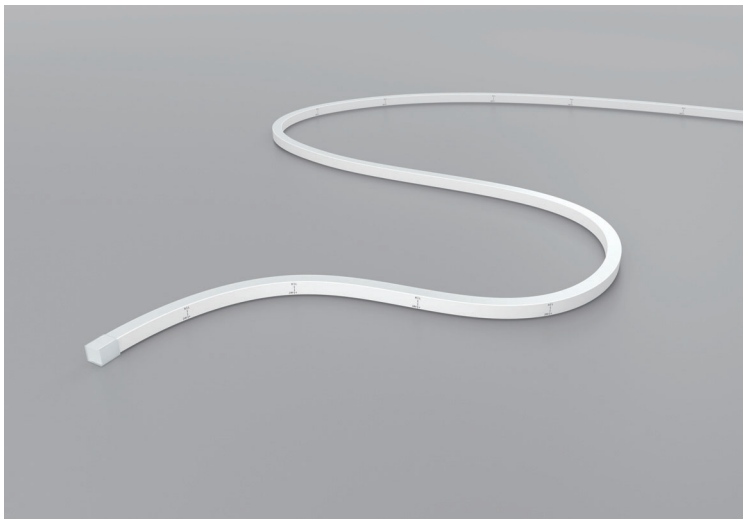
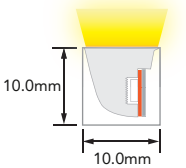
SF08 Mono Color Silicone LED Linear Flex

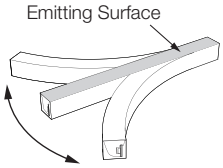
SF08-24V-2835-120-2200K-6500K

Specification

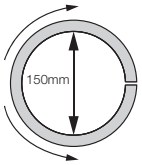




Dimension



Horizontal Bending



Min. Bending Diameter

Beam Angle

Ansi C78.377

SDCM<3

One Bin

Dimmable

Submersible

Ambient Temp.

Class 3

LM-80

IK08

UV resistant

Anti-Yellowing

Flame Resistant

Saltwater Resistant

Solvents Resistant

Dirt Resistant

CE

RoHS

CB

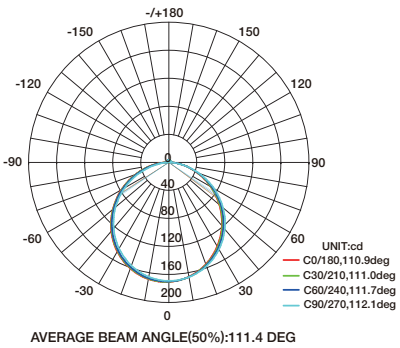
Warranty

Technical Parameters

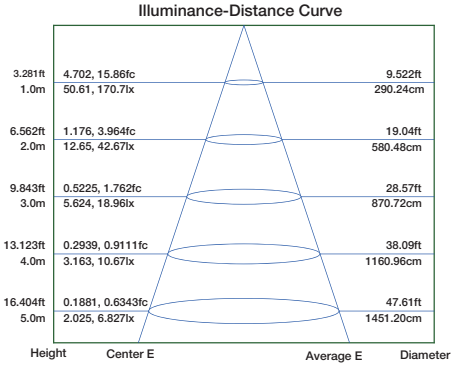
Electrical	
Input Voltage	24V DC
Power Consumption	10W/m
Physical	
LED Count	120 LEDs/m
Cutting Unit	12 LEDs
Cutting Unit Length	100 mm
Minimum Bend Diameter	150mm
Output	
LED Light	Epistar SMD LED 2835
CRI	>80, >90
Max Run Length*	
Single Feed	5 M
Double Feed	10 M
Beam Angle	120°
Lumen Maintenance	70,000 Hours L70 @ 25°C 50,000 Hours L70 @ 50°C
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

Optional Color	Lumen Output
2200K(2238±102K)	544lm/m
2500K(2460±120K)	550lm/m
2700K(2725±145K)	553lm/m
3000K(3045±175K)	662lm/m
3500K(3465±245K)	650lm/m
4000K(3985±275K)	648lm/m
4500K(4503±243K)	640lm/m
5000K(5209±283K)	647lm/m
5700K(5667±355K)	660lm/m
6500K(6532±510K)	670lm/m
Green(520-530nm)	660lm/m
Blue (455-465nm)	62lm/m
Lemon Yellow (570-580nm)	380lm/m
Pink (610-620nm)	70lm/m
Red (620-630nm)	190lm/m
Amber (585-595nm)	
Orange (595-605nm)	

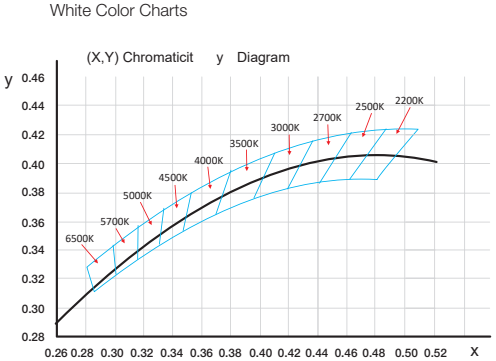
Illuminance Distribution



AVERAGE BEAM ANGLE(50%):111.4 DEG



Beam Angle:115.8 DEG



Lighting OLYMPIA

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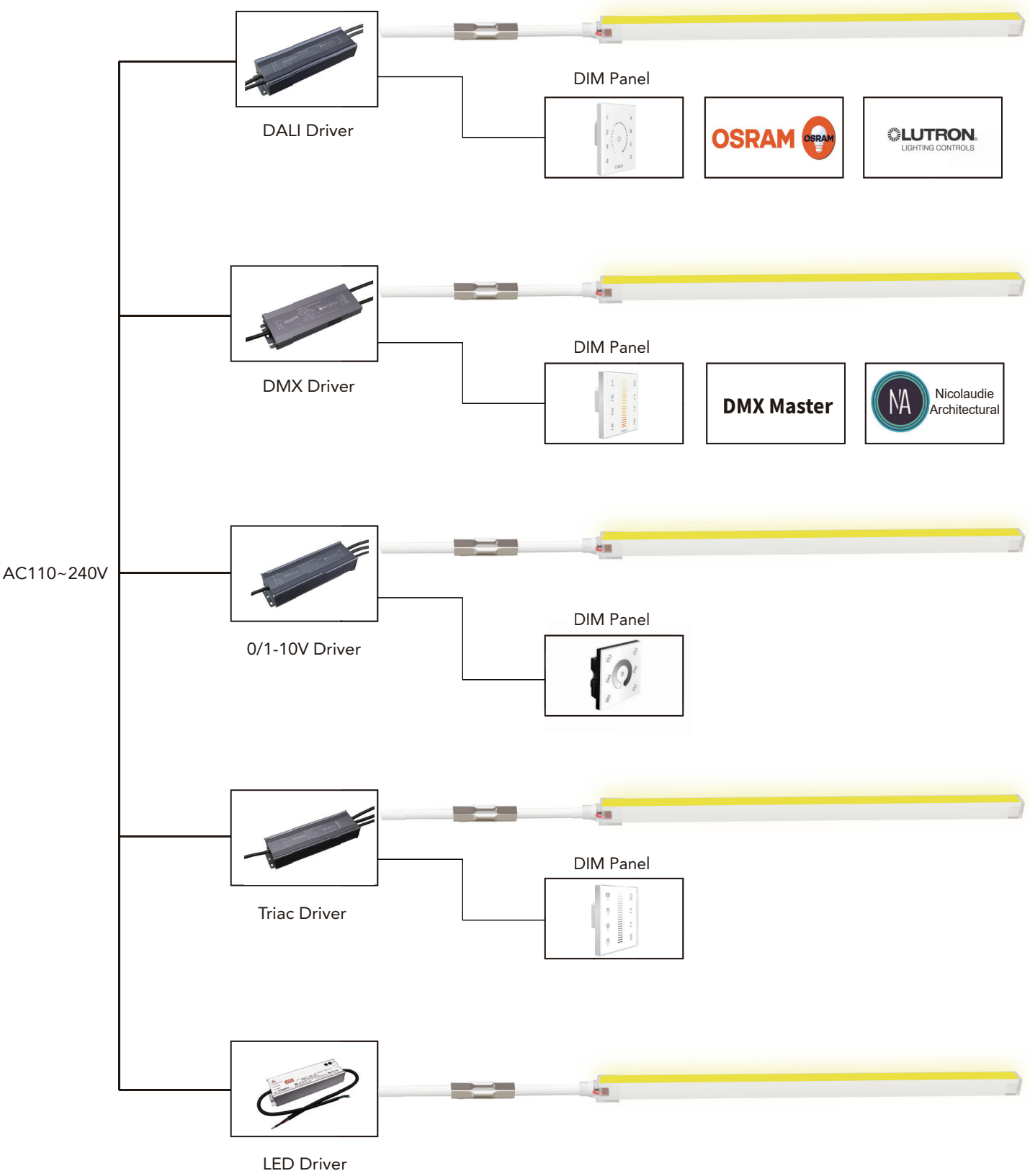
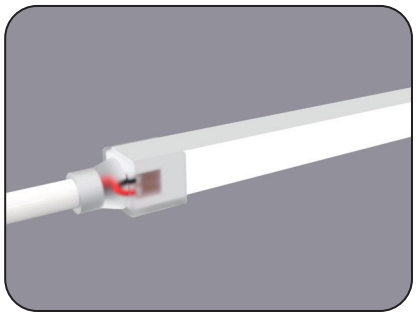
SF08 Mono Color Silicone LED Linear Flex

Connection

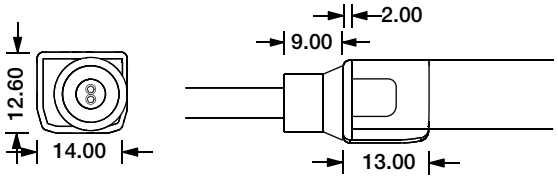


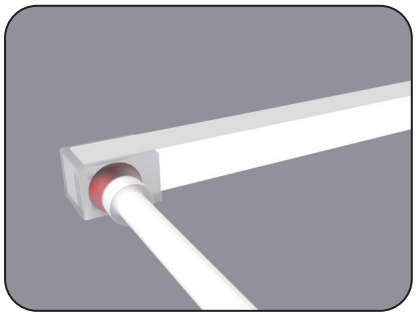
SF08 Configuration and Accessories

Mold injection Connector (IP68 Factory Assembly Only)

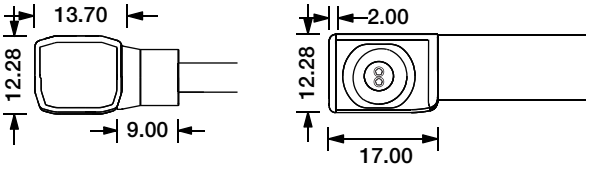


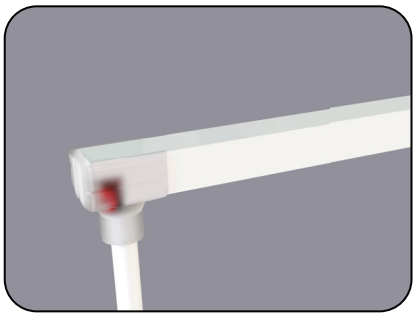
Direct Entry Connector
MJ-SF08-A-D01/02/03
MJ-SF08-A-D01SM
MJ-SF08-A-D02SF
MJ-SF08-A-D03SFM



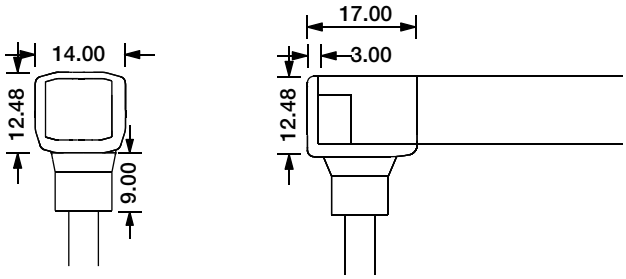


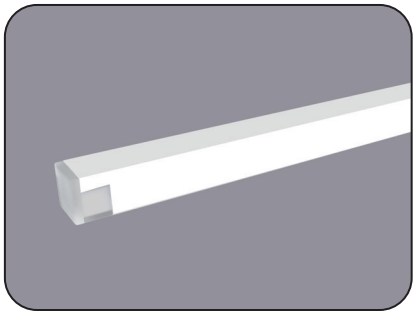
Side Entry Connector
MJ-SF08-A-S01/02/03
MJ-SF08-A-S01SM
MJ-SF08-A-S02SF
MJ-SF09-A-S03SFM



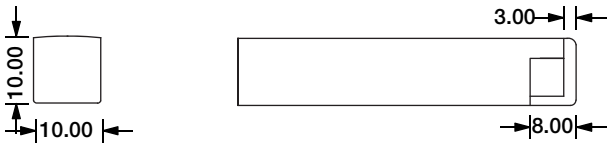


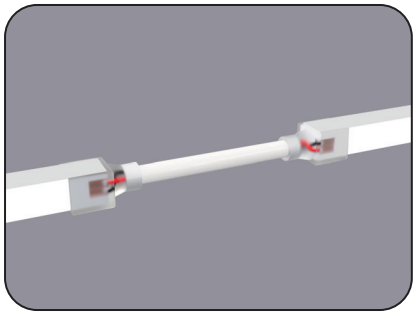
Bottom Entry Connector
MJ-SF08-A-B01/02/03
MJ-SF08-A-B01SM
MJ-SF08-A-B02SF
MJ-SF08-A-B03SFM





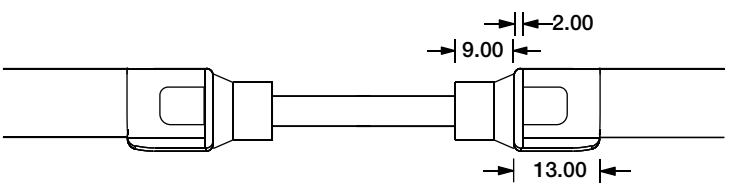
End Cap



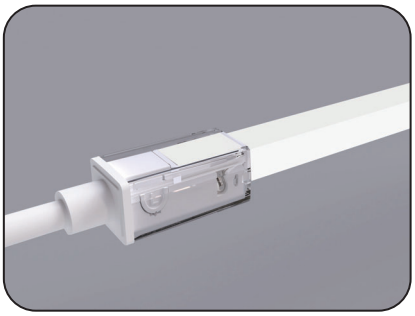


Jumper

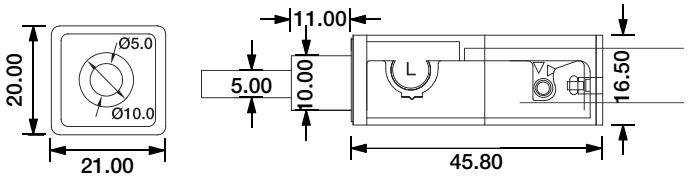
MJ-SF08-A-D-JC

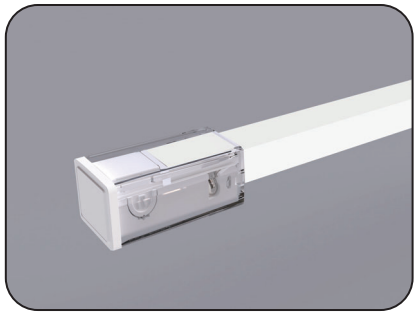


SF08 Configuration and Accessories

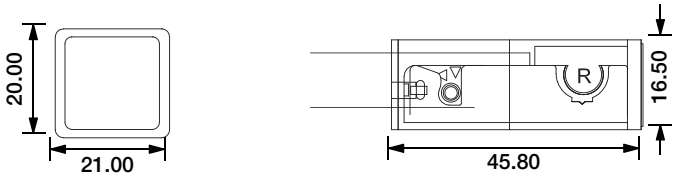


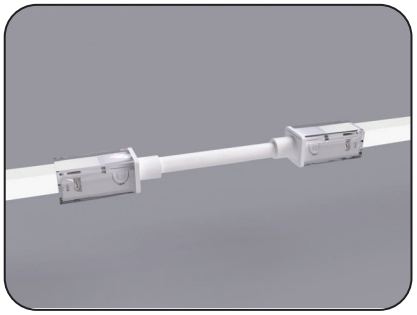
DIY Snap Connector
DIY-SN-FR-08-D-01/02-A



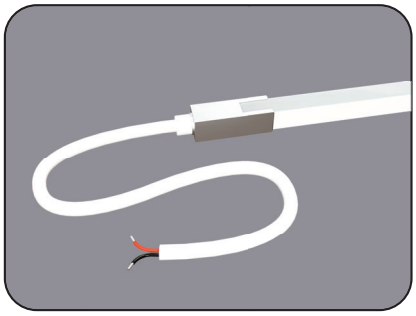


DIY Snap End Cap
DIY-SN-END-08-D-01/02

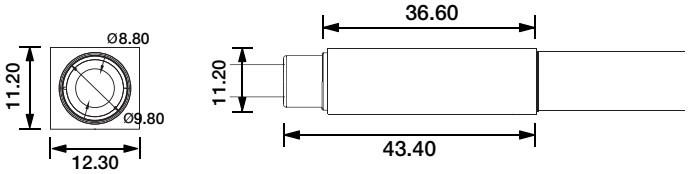


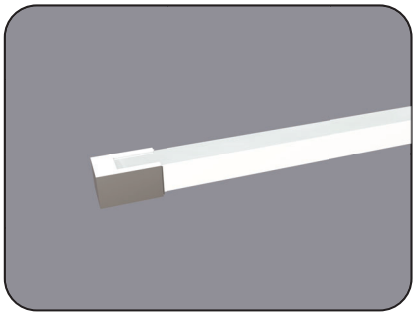


DIY Snap Extent Connector
DIY-SN-EXT-08-A

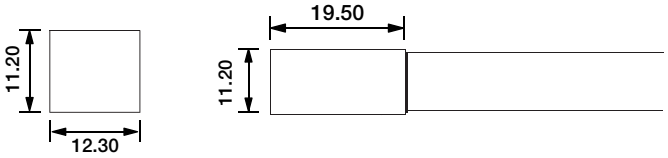


DIY Quick Connective Connector
DIY-QC-FR-08-D-01/02-A

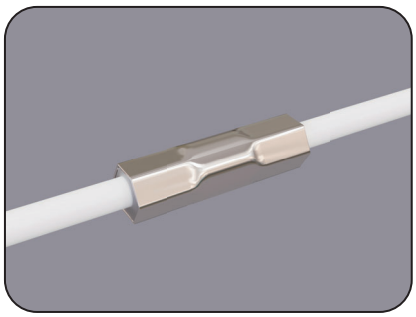




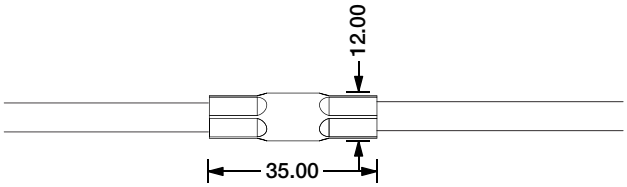
DIY Quick Connective End Cap
DIY-QC-END-08



SF08 Configuration and Accessories

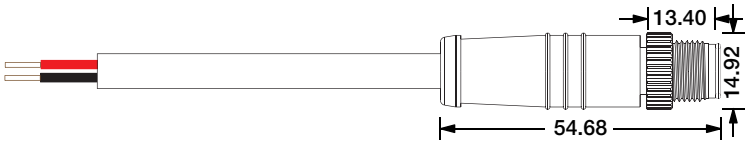


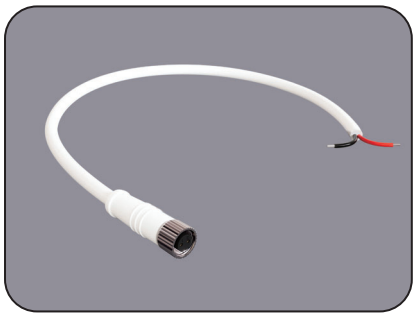
Waterproof Interrupter



Male Connector

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





Female Connector

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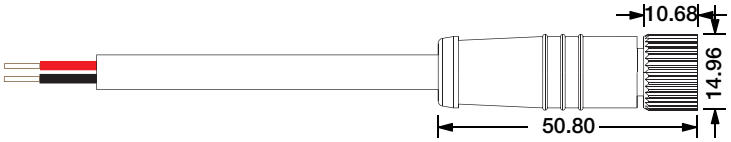
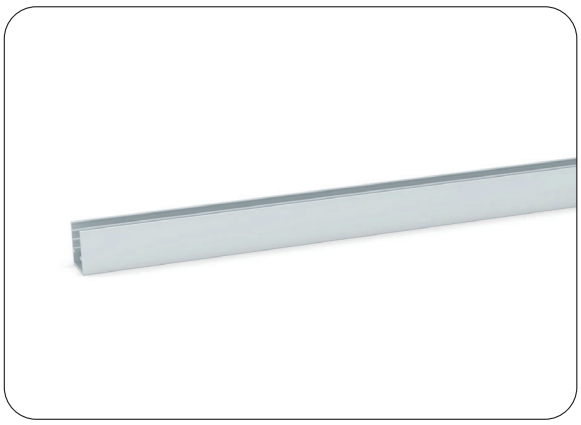
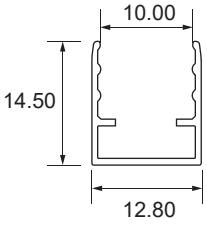


LED Linear Flex Mounting Channel

1. Aluminum Channel

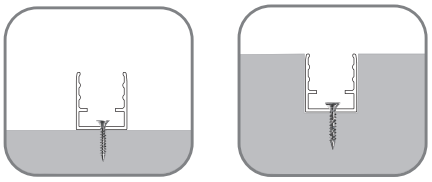


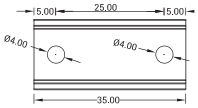
Dimension

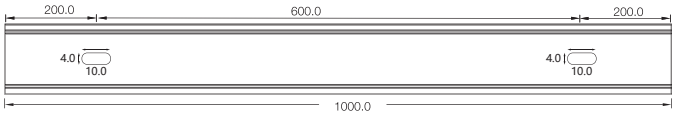


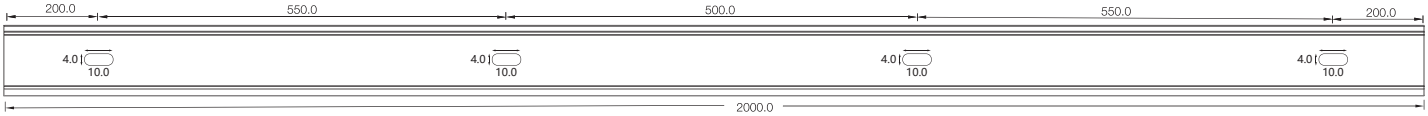
Unit:mm

Installation Way

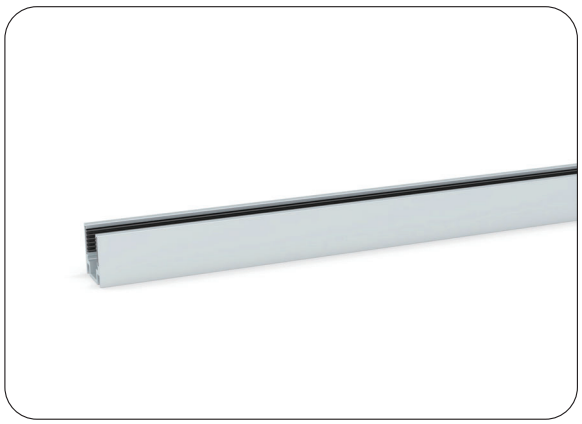




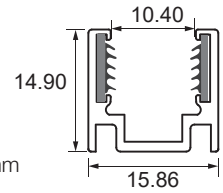




Model	W x H(mm)	Standard Length	Screw Holes	Holes Numbers	Suitable Product
ALC08S01-035	12.80*14.50	35mm	Φ4.0mm	2	SF08
ALC08S01-100		1000mm	⊂⊃4.0mm	2	SF08
ALC08S01-200		2000mm	⊂⊃4.0mm	4	SF08

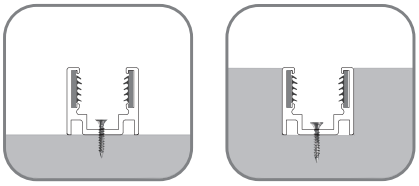


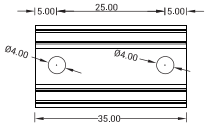
Dimension

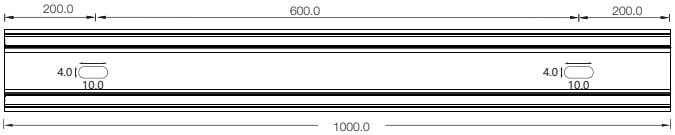


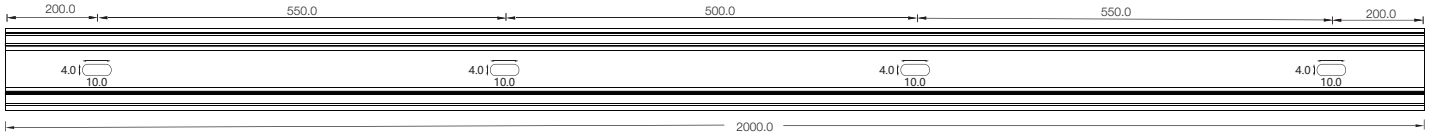
Unit:mm

Installation Way









Model	W x H(mm)	Standard Length	Screw Holes	Holes Numbers	Suitable Product
ALC08S02-035	15.86*14.90	35mm	Φ4.0mm	2	SF08
ALC08S02-100		1000mm	⊂⊃4.0mm	2	SF08
ALC08S02-200		2000mm	⊂⊃4.0mm	4	SF08

Lighting OLYMPIA

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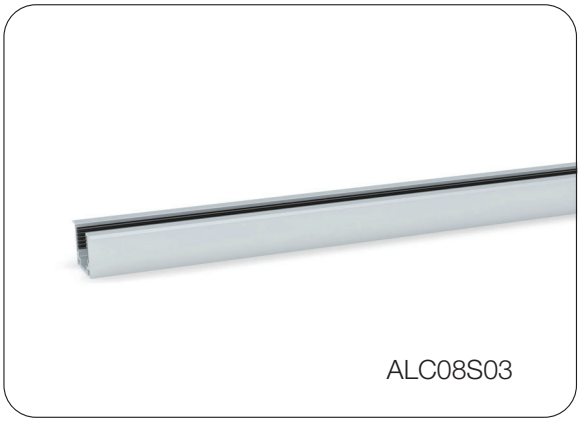
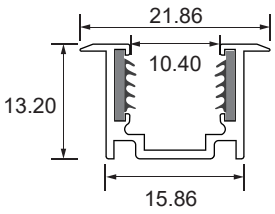
LED Linear Flex Mounting Channel

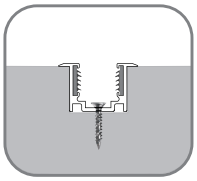


Dimension

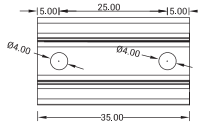


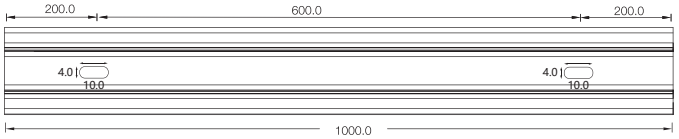
Unit:mm

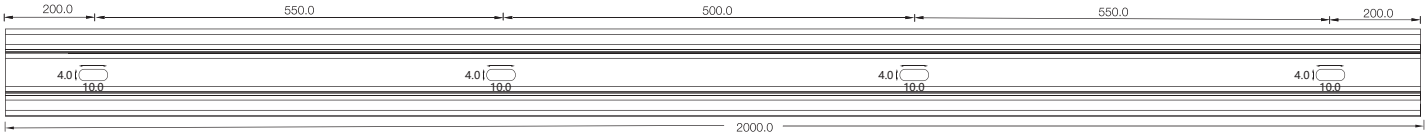
Installation Way



Recessed

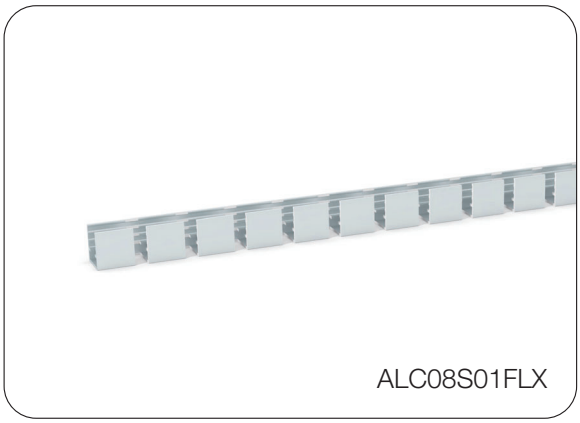




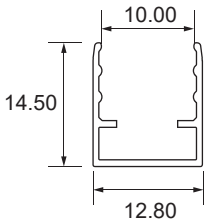


Model	W x H(mm)	Standard Length	Screw Holes	Holes Numbers	Suitable Product
ALC08S03-035	21.86*13.20	35mm	Φ4.0mm	2	SF08
ALC08S03-100		1000mm	⬭4.0mm	2	SF08
ALC08S03-200		2000mm	⬭4.0mm	4	SF08

2. Flexible Channel

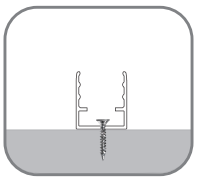


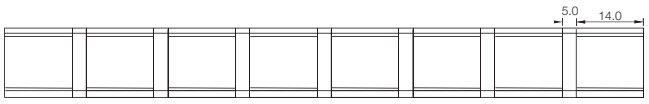
Dimension

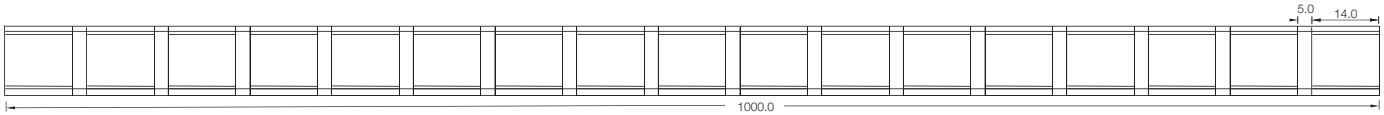


Unit:mm

Installation Way







Model	W x H(mm)	Standard Length	Suitable Product
ALC08S01FLX05	12.80*14.50	500mm	SF08
ALC08S01FLX10		1000mm	SF08
ALC08S01FLX20		2000mm	SF08

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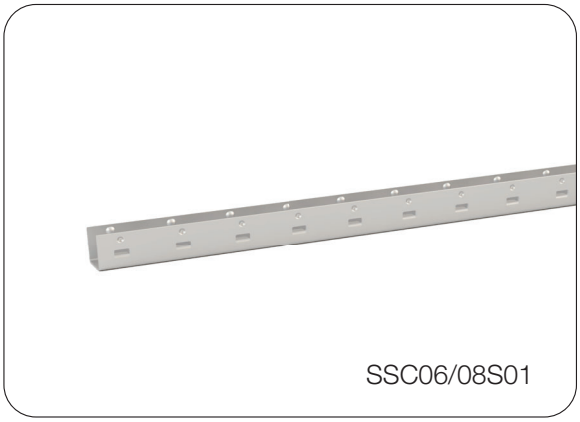
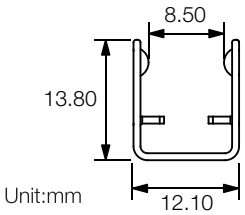
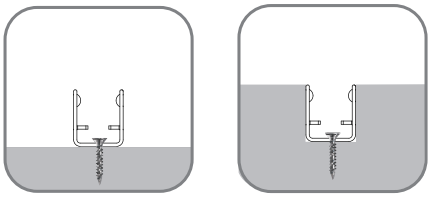
3. Stainless Steel Channel

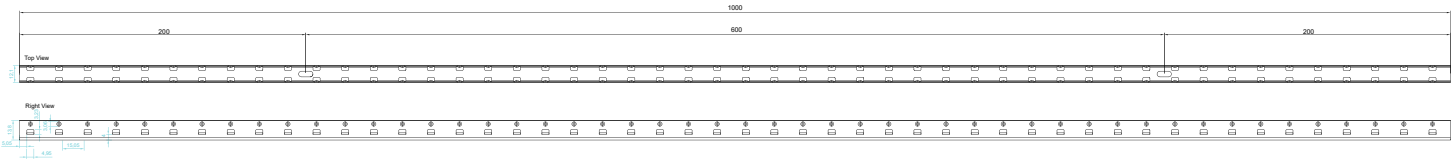


Dimension



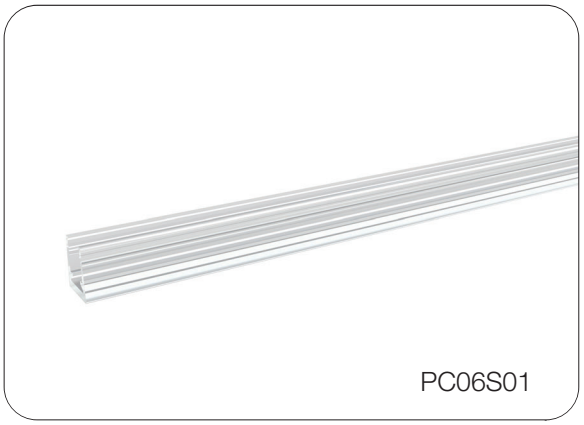
Installation Way



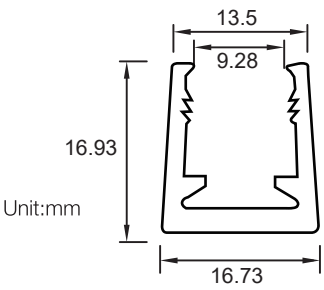


Model	W x H(mm)	Standard Length	Material	Screw Holes	Holes Numbers	Suitable Product
SSC06/08S01-100	11.60*14.80	1000mm	Stainless Steel 316L	4.0x10mm	2	SF08

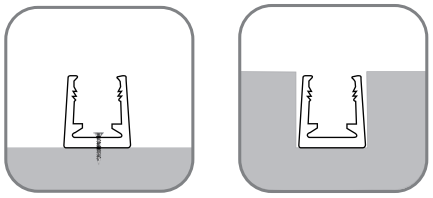
4. Plastic Channel

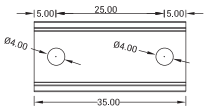


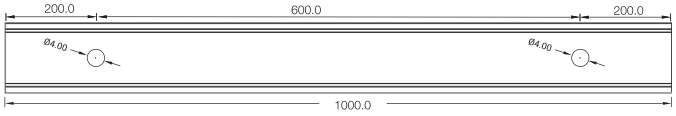
Dimension

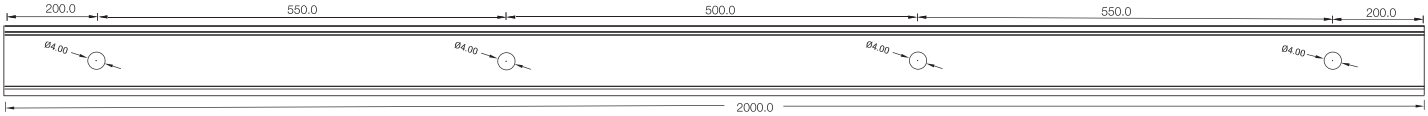


Installation Way



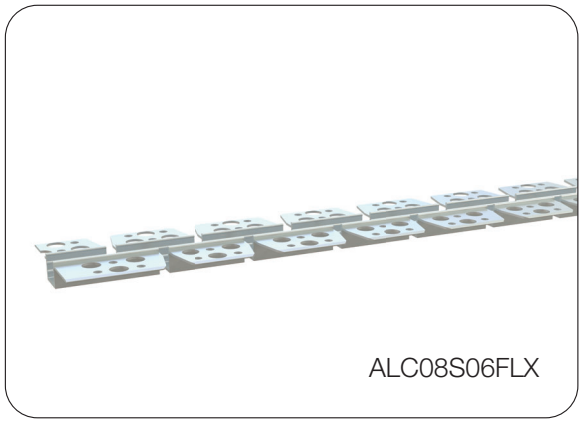


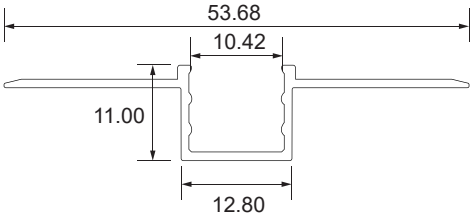




Model	W x H(mm)	Standard Length	Screw Holes	Holes Numbers	Suitable Product
PC06S01-T	16.73*16.93	35mm	Φ4.0mm	2	SF08
		1000mm	Φ4.0mm	2	SF08
		2000mm	Φ4.0mm	4	SF08

5. Ceiling Mounting Channel

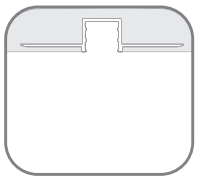




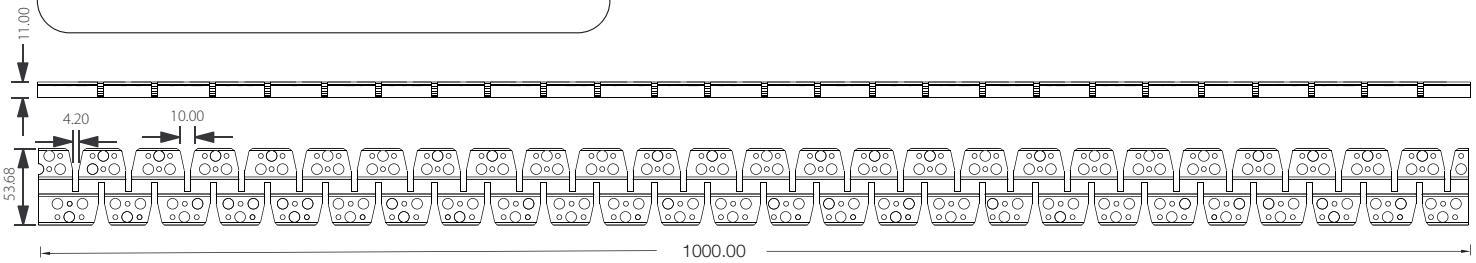
Dimension

Unit:mm

Installation Way

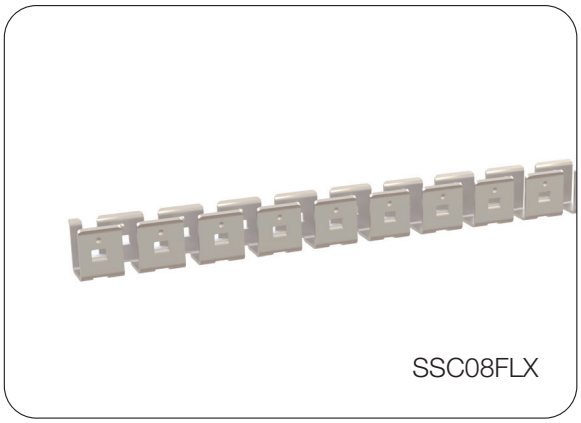


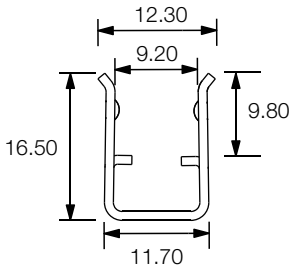
Ceiling Mounted



Model	W x H(mm)	Standard Length	Suitable Product
ALC08S06FLX-100	53.68*11.00	1000mm	SF08
ALC08S06FLX-200		2000mm	SF08

6. Stainless Steel Flexible Channel

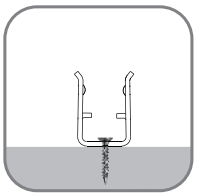




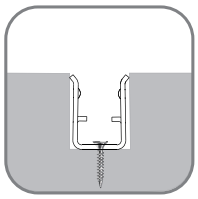
Dimension

Unit:mm

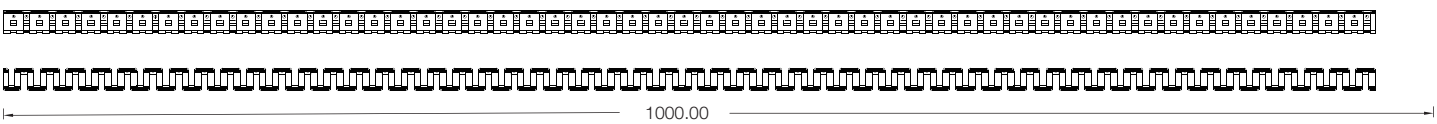
Installation Way



Surface Mounted



Recessed



Model	W x H(mm)	Standard Length	Suitable Product
SSC08FLX-01	12.30*16.50	100mm	SF08
SSC08FLX-03		300mm	SF08
SSC08FLX-05		500mm	SF08
SSC08FLX-10		1000mm	SF08

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

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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