

# ULTRA-LONG LED FLEX LINEAR



Solvents  
Resistant



Saltwater  
Resistant



UV  
Resistant



IP67  
Protection



5 years  
Warranty

Ultra-Long Flexible Light Series are available in F2010 and F2219. With a single power feed, these super lengthy flexible lights can run up to 200 meters. These extended lights can produce consistent brightness at both ends. The lights are made of silicone and can be widely applied outdoors, such as high-rise buildings, bridges and tunnels.

**FlexGlo™ F2219**

**FlexGlo™ F2010**



[•]  
Consistent Brightness  
from End to End

[•]  
Lowered Maintenance Costs  
with Less Power Supplies &  
Cables

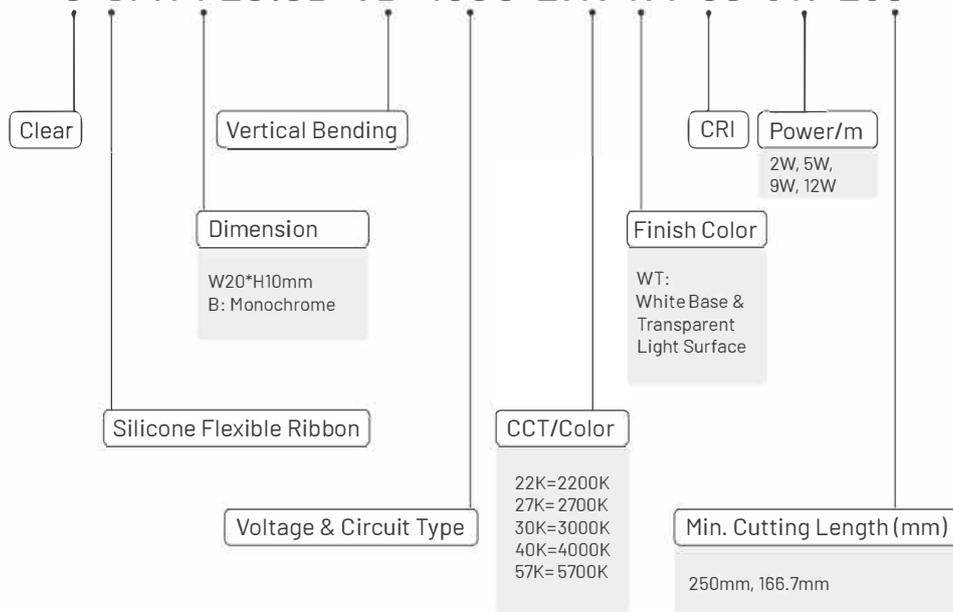
[•]  
Safe Voltage DC 48V

[•]  
Excellent Heat Sink



## PRODUCT NOMENCLATURE

C-SFR-F2010B-VB-48CC-27K-WT-80-9W-250



## SPECIFICATION

### PARAMETER



Ambient Working Temperature  
-40~55°C / -40~131°F



Storage Temperature  
-40 ~ 60°C / -40~140°F



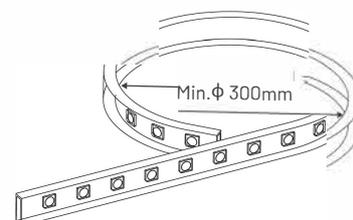
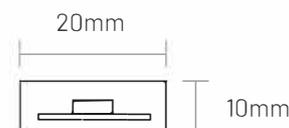
Ambient Installation Temperature  
> -40°C / -40°F



Max. Mounting Surface Temperature  
85°C / 185°F

Item No.	F2010
Voltage	DC48V
Rated Power/m	2W, 5W, 9W, 12W
IP Rating	IP67
CRI	>80
Weight/m	285g

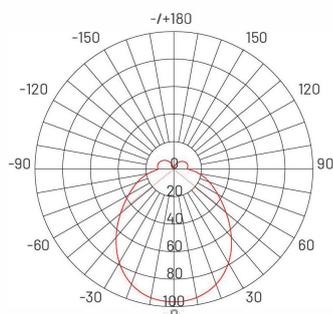
### DIMENSION



### STANDARD LENGTH

Min. Cutting Length:  
250mm (2W, 5W, 9W), 166.7mm (12W)  
Max. Run Length:  
200m (20m\*10pcs) @2W/m,  
180m (20m\*9pcs) @5W/m,  
120m (20m\*6pcs) @9W/m,  
100m (20m\*5pcs) @12W/m  
**OBS drivers up to max 600W available on the market February 2025**

## PHOTOMETRIC CURVE



E.g.: C-SFR-F2010B-VB-48CC-30K-WT-80-2W-250  
AVERAGE BEAM ANGLE(50%):102.1°

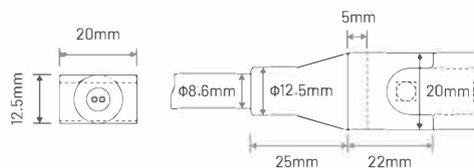
Item Code	Finished Product					
	CCT	CCT Tolerance	Color Tolerance	CRI	Lumen/m	Lumen/ft
C-SFR-F2010B-VB-48CC-22K-WT-80-2W-250	2200K	2238±82K	<5SDCM	80	>170	>52
C-SFR-F2010B-VB-48CC-27K-WT-80-2W-250	2700K	2725±115K	<5SDCM	80	>170	>52
C-SFR-F2010B-VB-48CC-30K-WT-80-2W-250	3000K	3045±140K	<5SDCM	80	>170	>52
C-SFR-F2010B-VB-48CC-35K-WT-80-2W-250	3500K	3465±170K	<5SDCM	80	>180	>55
C-SFR-F2010B-VB-48CC-40K-WT-80-2W-250	4000K	3985±225K	<5SDCM	80	>180	>55
C-SFR-F2010B-VB-48CC-57K-WT-80-2W-250	5700K	5665±355K	<5SDCM	80	>180	>55
C-SFR-F2010B-VB-48CC-22K-WT-80-5W-250	2200K	2238±82K	<5SDCM	80	>400	>122
C-SFR-F2010B-VB-48CC-27K-WT-80-5W-250	2700K	2725±115K	<5SDCM	80	>400	>122
C-SFR-F2010B-VB-48CC-30K-WT-80-5W-250	3000K	3045±140K	<5SDCM	80	>400	>122
C-SFR-F2010B-VB-48CC-35K-WT-80-5W-250	3500K	3465±170K	<5SDCM	80	>420	>128
C-SFR-F2010B-VB-48CC-40K-WT-80-5W-250	4000K	3985±225K	<5SDCM	80	>420	>128
C-SFR-F2010B-VB-48CC-57K-WT-80-5W-250	5700K	5665±355K	<5SDCM	80	>420	>128
C-SFR-F2010B-VB-48CC-22K-WT-80-9W-250	2200K	2238±82K	<5SDCM	80	>670	>204
C-SFR-F2010B-VB-48CC-27K-WT-80-9W-250	2700K	2725±115K	<5SDCM	80	>670	>204
C-SFR-F2010B-VB-48CC-30K-WT-80-9W-250	3000K	3045±140K	<5SDCM	80	>670	>204
C-SFR-F2010B-VB-48CC-35K-WT-80-9W-250	3500K	3465±170K	<5SDCM	80	>700	>213
C-SFR-F2010B-VB-48CC-40K-WT-80-9W-250	4000K	3985±225K	<5SDCM	80	>700	>213
C-SFR-F2010B-VB-48CC-57K-WT-80-9W-250	5700K	5665±355K	<5SDCM	80	>700	>213
C-SFR-F2010B-VB-48CC-22K-WT-80-12W-166.7	2200K	2238±82K	<5SDCM	80	>910	>277
C-SFR-F2010B-VB-48CC-27K-WT-80-12W-166.7	2700K	2725±115K	<5SDCM	80	>910	>277
C-SFR-F2010B-VB-48CC-30K-WT-80-12W-166.7	3000K	3045±140K	<5SDCM	80	>910	>277
C-SFR-F2010B-VB-48CC-35K-WT-80-12W-166.7	3500K	3465±170K	<5SDCM	80	>950	>290
C-SFR-F2010B-VB-48CC-40K-WT-80-12W-166.7	4000K	3985±225K	<5SDCM	80	>950	>290
C-SFR-F2010B-VB-48CC-57K-WT-80-12W-166.7	5700K	5665±355K	<5SDCM	80	>950	>290

CONNECTOR



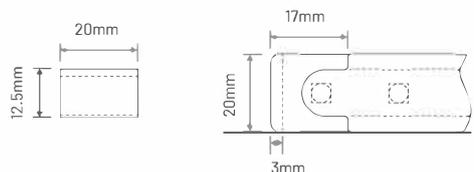
IP67 Silicone Injection-moulded Front Connector-End

F2010B-VB-SIM/FC-01/02-E



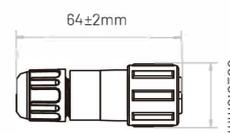
IP67 Silicone Injection-moulded End Cap

F2010-SIM/EC



Male & Female Connector

Optional  
For plug and play cable junction, IP67



PROFILE



F2010 Suspension Kit

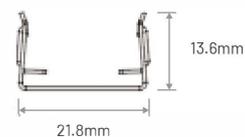
F2010-S/KT



F2010 Stainless Steel Profile

F2010-S/PL-500MM-SSL

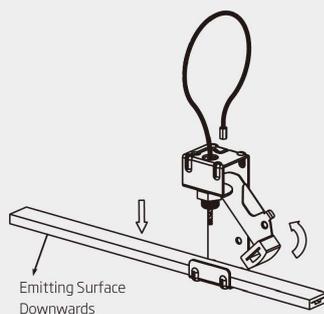
Standard Length: 500mm



## INSTALLTION INSTRUCTIONS F2010 Suspension Kit

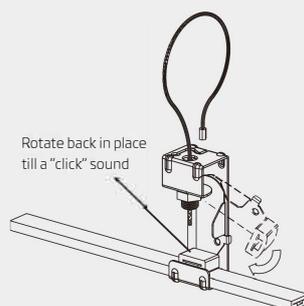
Friendly Reminder: please read instructions carefully before operation.

### ▶ Step 1



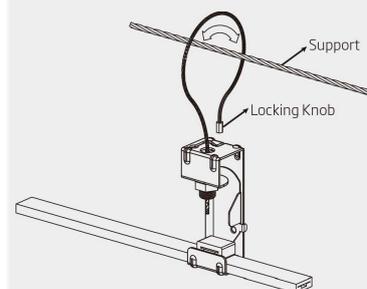
Rotate the safety lock outwards and put the LED strip in the J hook.

### ▶ Step 2



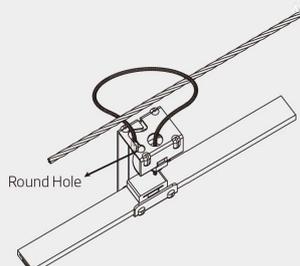
Rotate the safety lock back to press the led strip tightly.

### ▶ Step 3



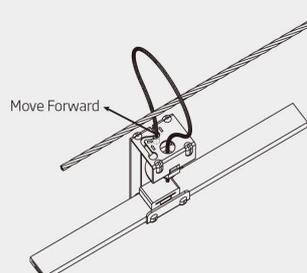
Wind the wire rope with the locking knob around the support.

### ▶ Step 4



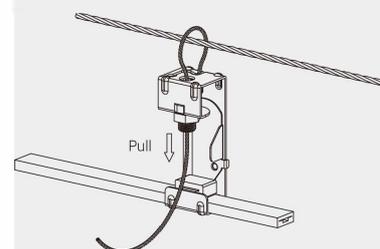
Thread the locking knob of wire rope through the round hole.

### ▶ Step 5



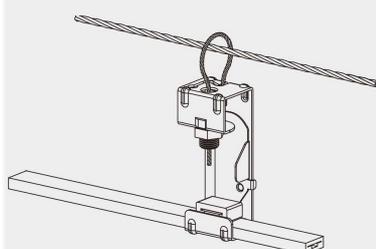
Move the wire rope forward to the end along with the arrows aside.

### ▶ Step 6



Pull the wire rope to adjust the height to the desired one.

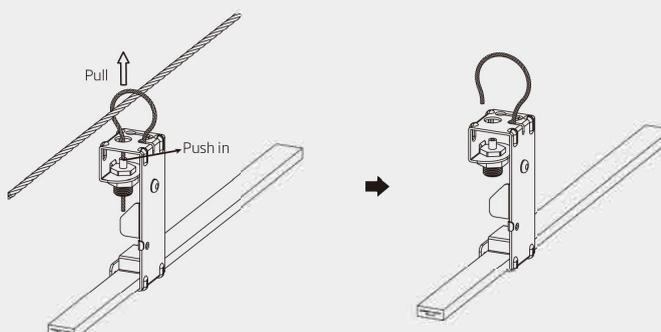
### ▶ Step 7



Cut or roll the excess wire rope.

NOTE: The recommended quantity is 3pcs for every meter or adjustable based on the specific case.

### ▶ Tip



Push in the plunger of cable gripper to pull out the wire rope if needed.

## INSTALLTION INSTRUCTIONS F2010 Stainless Steel Profile

Friendly Reminder: please read instructions carefully before operation.

**Components**



Stainless Steel Mounting Profile



Stainless Steel Strap  
(silicone anti-skidding sleeve included)



Joining Bracket



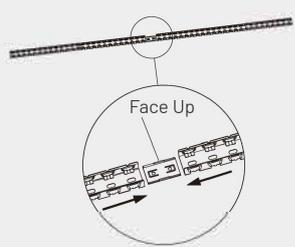
Clip  
(silicone protective sleeve included)



Screw

**Step 1**

Profile Jointing



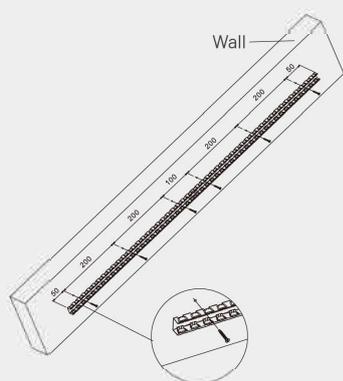
Connect at most 3 pieces

Suitable for Both Installation Ways

**INSTALLATION WAY-1**

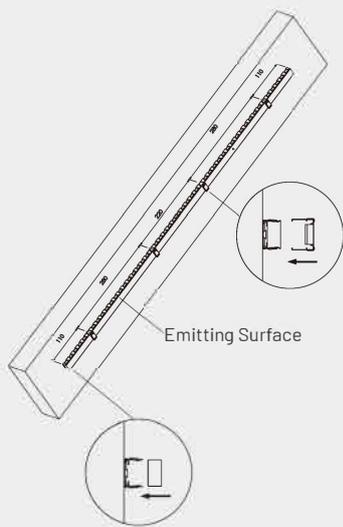
**Screw Mounting**

**Step 2**



Mark the mounting positions and tighten screws.

**Step 3**



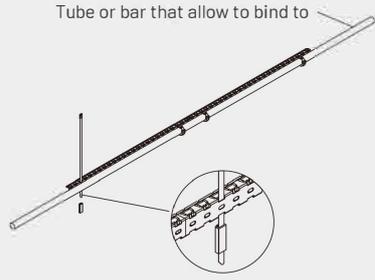
Put the light in and fix by the clip.

**INSTALLATION WAY-2**

**Strap Mounting**

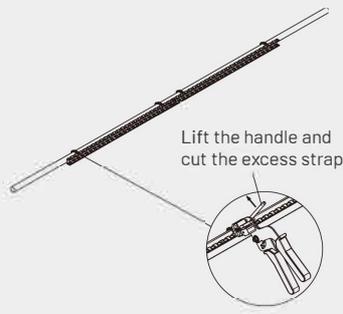
**Step 2**

Tube or bar that allow to bind to



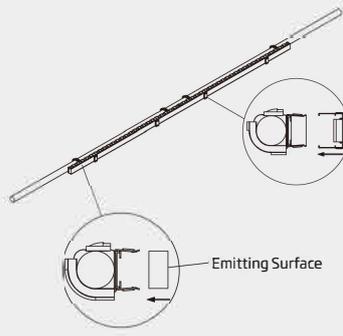
Thread the strap through the mounting profile and then cover it with silicone anti-skidding sleeve. Be attention to the direction when strapping.

**Step 3**



Insert the strap into the strap wrench. Then press the wrench tightly and take care the damage to the profile.

**Step 4**



Put the light in and fix by the clip.