

ULTRA-LONG LED FLEX LINEAR

Ultra-Long F2010 LED Flexible Light features a phosphor-coated silicone body that glows in the dark, providing clear visual guidance in the event of a power outage.

It is designed for uninterrupted runs of up to 200 meters from a single power feed, while keeping brightness consistent from end to end.

Its durable silicone body makes it ideal for demanding applications such as tunnels, underground passages, and other long-distance lighting environments.

FlexGlo™ F2010



Solvents
Resistant



Saltwater
Resistant



UV
Resistant



IP68
Protection



IK10
Protection



5 years
Warranty



Consistent Brightness
from End to End



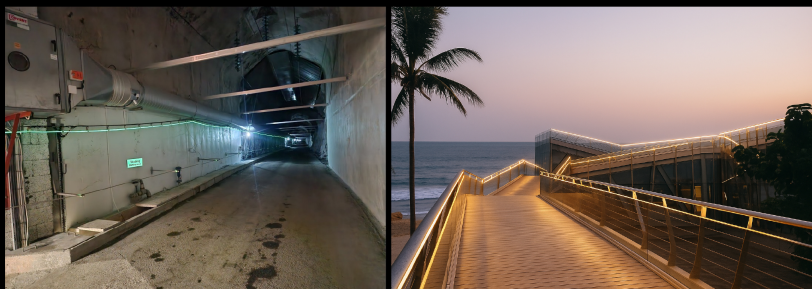
Lowered Maintenance Costs
with Less Power Supplies &
Cables



Safe Voltage DC 48V
Glow in the Dark for
Emergency Guidance

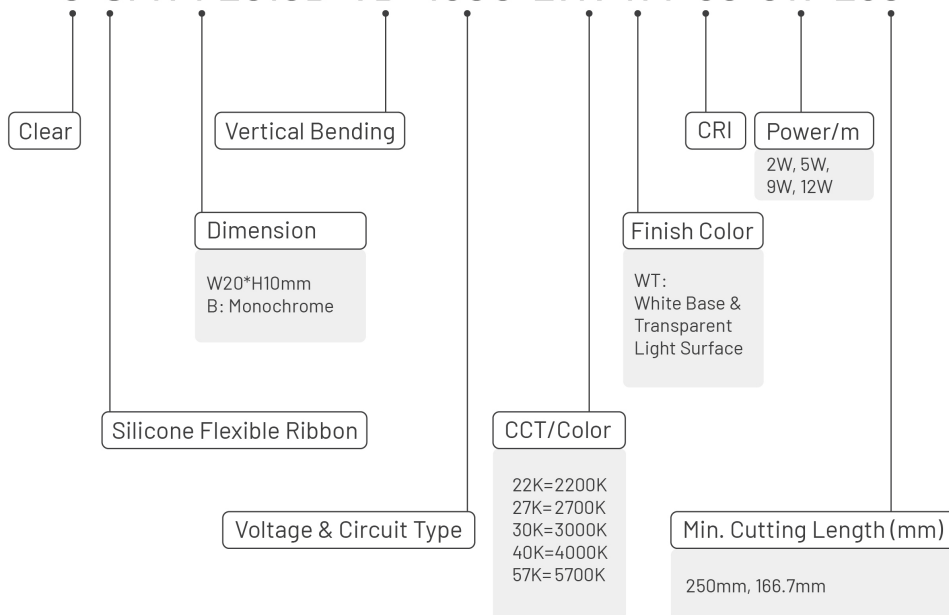


Excellent Heat Sink

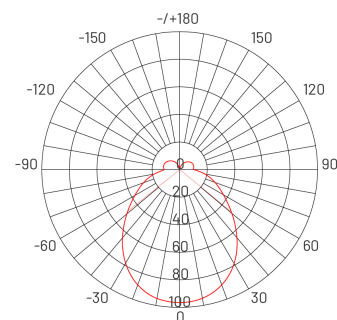


PRODUCT NOMENCLATURE

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



PHOTOMETRIC CURVE

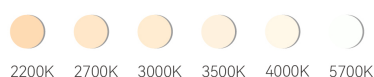


E.g.: C-SFR-F2010B-VB-48CC-30K-W
T-80-2W-250

AVERAGE BEAM
ANGLE(50%):102.1°

SPECIFICATION

PARAMETER



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



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



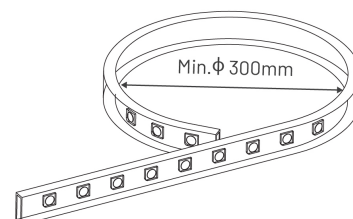
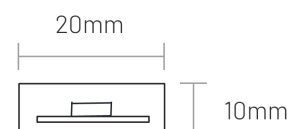
Ambient Installation Temperature
> -40°C /-40°F



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

Item No.	F2010
Voltage	DC48V
Rated Power/m	2W, 5W, 9W, 12W
IP Rating	IP68
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

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

PHOSPHORESCENCE LUMINOUS INTENSITY VS. TIME

Duration/Min	0	1	2	3	4	5	10	15	20	25	30
mcd/m ²	19360	1030	460	280	200	140	50	30	20	10	10

Notes:

1. Under complete darkness, the weakest light the human eye can perceive is 0.32 mcd/m². For Flexglo™ F2010, after power is cut off, the photoluminescent brightness takes more than 600 minutes (10 hours) to decay below this level, providing safety guidance in emergency dark environments.

2. The phosphor added to the silicone housing of Flexglo™ F2010 is a long-lasting type that contains no radioactive elements or harmful heavy metals, and is non-toxic and harmless.

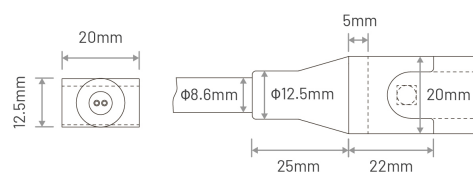
3. The above data is for reference only. Actual values may vary slightly between samples.

CONNECTOR



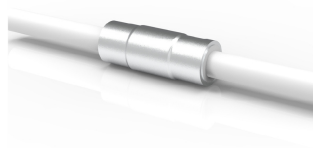
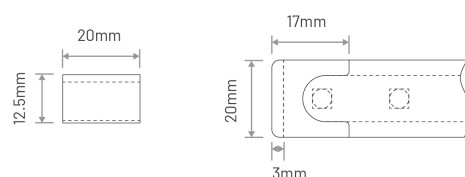
**IP68 Silicone Injection-moulded
Front Connector-End**

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



**IP68 Silicone Injection-moulded
End Cap**

F2010-SIM/EC



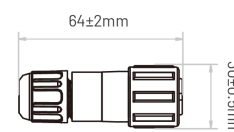
Anti-wicking Ferrule

Note: Warranty will void if it's removed and cause the water ingress.



Male & Female Connector

Optional
For plug and play cable junction, IP67

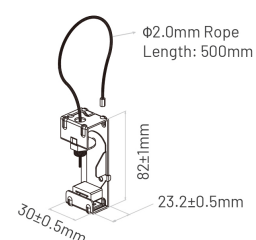


PROFILE



F2010 Suspension Kit

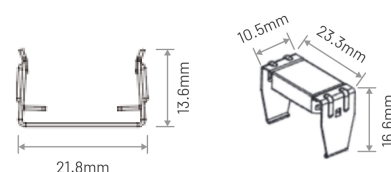
F2010-S/KT



F2010 Stainless Steel Profile

F2010-S/PL-500MM-SSL

Standard Length: 500mm



INSTALLATION 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



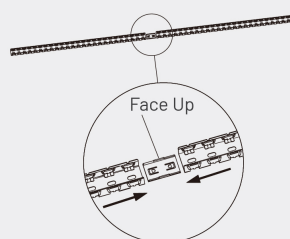
Clip
(silicone protective
sleeve included)



Screw

► Step 1

Profile Joining



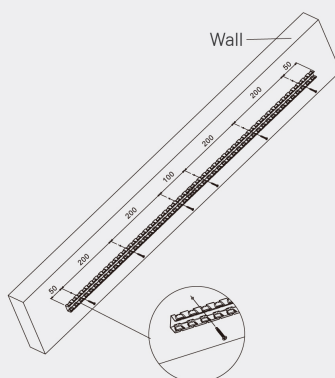
Connect at most 3 pieces

Suitable for Both Installation Ways

INSTALLATION WAY-1

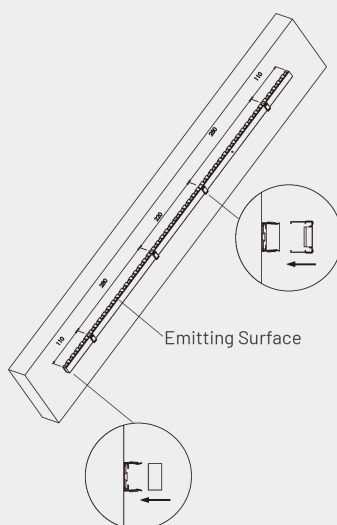
Screw Mounting

► Step 2



Mark the mounting positions and
tighten screws.

► Step 3



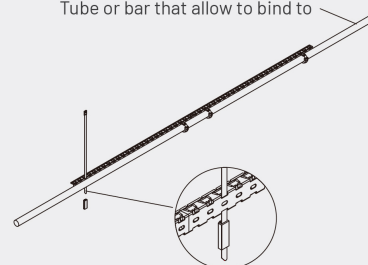
Put the light in and fix by the clip.

INSTALLATION WAY-2

Strap Mounting

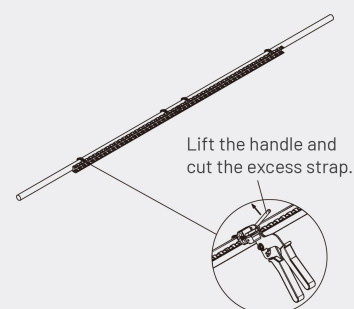
► Step 2

Tube or bar that allow to bind to



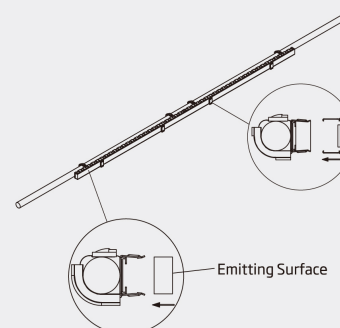
Thread the strap through the mounting
profile and then cover it with silicone
anti-skidding sleeve. Be attention to
the direction when strapping.

► Step 3



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

► Step 4

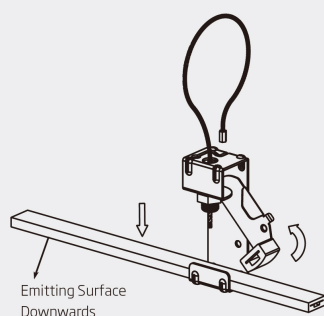


Put the light in and fix by the clip.

INSTALLTION INSTRUCTIONS F2010 Suspension Kit

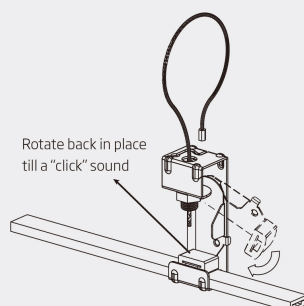
Friendly Reminder: please read instructions carefully before operation.

➤ Step 1



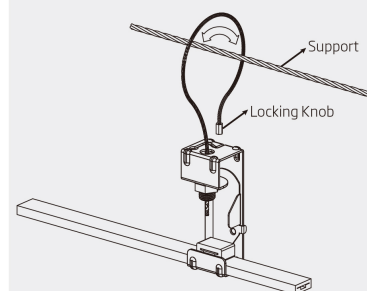
Rotate the safety lock outwards and put the LED strip in the J hook.

➤ Step 2



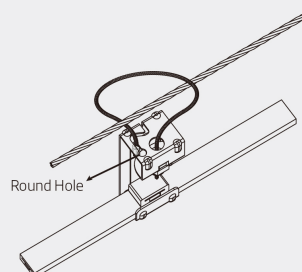
Rotate the safety lock back to press the led strip tightly.

➤ Step 3



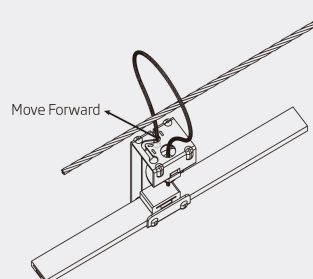
Wind the wire rope with the locking knob around the support.

➤ Step 4



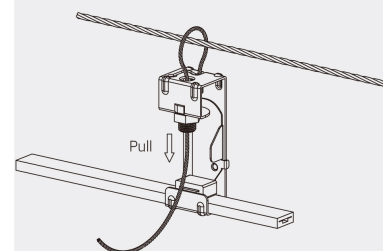
Thread the locking knob of wire rope through the round hole.

➤ Step 5



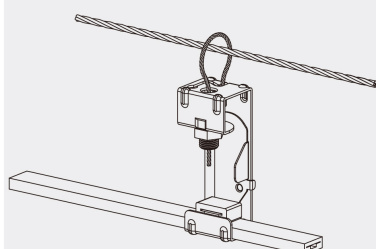
Move the wire rope forward to the end along with the arrows aside.

➤ Step 6



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

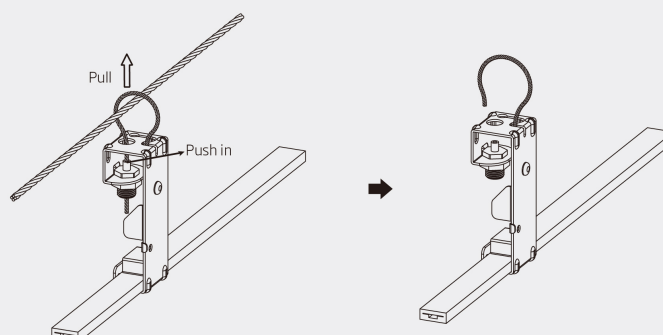
➤ Step 7



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.