

PRODUCT CATALOGUE

IOTALAMP PRIVATE LIMITED NEW DELHI | HONGKONG | VIETNAM
www.iotalamp.com
B-76, Okhla Industrial Area, Okhla Phase-II,
New Delhi (110020)
info@iotalamp.com

*iota***LAMP**

MAKE RELIABLE PRODUCTS ONLY

COLOR



Mono Color



Tunable White



RGB



RGBW



Pixel RGB



Pixel RGBW

PRODUCT FEATURES

Ansi
C78.377

Ansi C78.377



SDCM for LED

SDCM<3



Dimmable



One bin

One Bin



DMX Programmable

DMX512



SPI Programmable

SPI



IP68

Submersible



IP67

Outdoor



Ambient Temp.



Ambient Temp.



Class 3



LM-80



LM-79



TM-30



UV Resistant



Silicone Material

Anti Yellowing



Solvents Resistant



Flame Resistant



Saltwater Resistant



Dirt Resistant



IK08

PRODUCT FEATURES



Warranty



Warranty



CE



IS 10222 (PART 5) SEC 5.1:2013
R-81000008



E50335



ISO9001



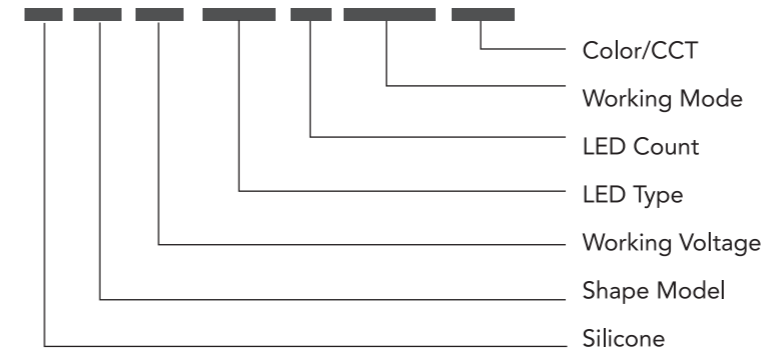
BSCI



CB

MODEL ENCODING

S F15-24V-5050-70-DMX3-RGB



CCT includes: 2200K, 2700K, 3000K, 3500K, 4000K, 4500K, 5000K, 5700K, 6500K

Color includes: R=red, G=green, B=blue, A=amber, O=orange, P=pink, LY= lemon yellow

DW: Dual white/tunable white

CV: Constant voltage, IC: Built in constant current IC

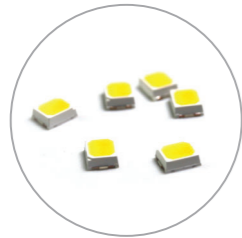
DMX: Compatible with standard DMX signal and extended DMX

SPI: Compatible with SPI (TTL) signal

MATERIAL

A reliable product is made of superior material. We adopt first-class imported calendaring copper for FPC, the thickness of copper reaches to 4OZ, which is featured by its good conductivity and folding resistance. LED for standard orders are used from China top package manufacturers, which adopt Epistar chip for all white colors. The package and glue are cater-designed for outdoor products.

The materials of housing and body for LED linear flex are made by modified PVC or Silicone material, which is specially designed for outdoor application and harsh environment. The material adopted is resistant to UV, yellowish, solvents, saltwater, and dirt. The silicone material used is gas phase silicone which has much better performance of tensile strength and anti-aging than common silicone.



LED

Chips for standard products is Epistar and packaged by ShenZhen top manufacturer. CREE, Lumileds are optional for Mono series. We keep one bin only by requesting LED supplier and using Kingdee ERP system for management. Furthermore, CRI95, R9, 3 Step MacAdam LED are optional.



Housing Material

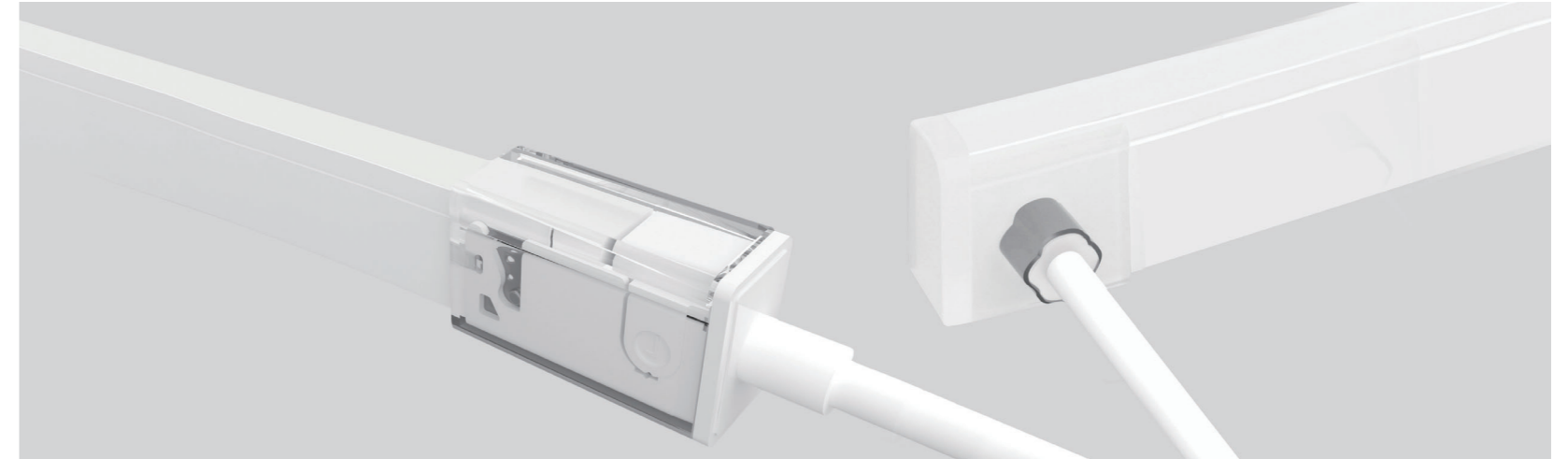
PVC or Silicone housing is optional. The quality of materials are quite different in the market. Based on our patented process technology we seal our products in a continuous cover of high quality material, which is resistant against UV, corrosion, solvents and saltwater.



FPC

Optimized heat transfer to housing to ensure lifespan and color consistency. Minimize the voltage drop to ensure same brightness from 0.1m to 20 meters. It's reliable for bending in performance.

CONNECTOR



	Mold injection			
Advantage	1 IP68 waterproof rating, suitable for extreme harsh applications like pool, saltwater, and seaside.	2 High reliability, pre-installed in factory with strict quality tests before shipment.	3 Cost-saving for installation, contractors don't need to spend labor and time on connector assembling.	4 Seamless joint realized by side and bottom cable entry.
Disadvantage	1 Can not DIY.	2 Length needs to be provided before order.		

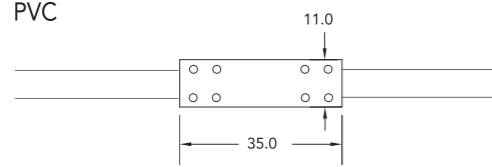
	DIY connectors		
Advantage	1 Flexible customization, can be cut and re-connected by end-user.	2 IP67 waterproof rating for normal outdoor environment.	3 More suitable for retail and end-user market.
Disadvantage	1 Can not be used underwater.	2 Reliability varies from different workers.	3 Seamless joint can not be realized.

WATERPROOF IP68

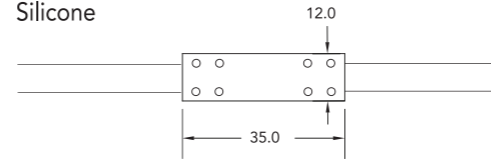
This stainless steel waterproof device is a very important waterproof accessory for outdoor bare wire products. The theory is by breaking the copper wire, re-welding with interrupter, then sealing the welding joint by mold-injecting high density & high viscosity material, so that LED linear flex is completely isolated from the external wiring, realizing that the wiring can not be penetrated with any air or moisture, in spite of the pressure and temperature aroused from LED linear flex.



PVC



Silicone

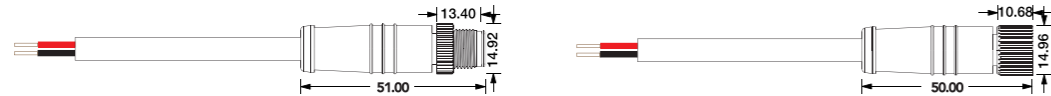


Type	Mold Injection Side	Mold Injection Bottom	Mold Injection Direct	Mold Injection Bottom L	DIY Screw Connector	DIY Snap Connector
Photos						
SF06	√	√	√			√
SF08	√	√	√			√
SF09	√	√	√			√
F10/SF10	√	√	√			√
F15/SF15	√	√	√		√	√
F16/SF16	√	√	√	√	√	√
F17/SF17	√	√	√		√	√
F18/SF18	√	√	√	√	√	√
F21/SF21	√	√	√		√	√
SP01			√			√
SFW20		√	√			

CABLE WITH FEMALE & MALE CONNECTOR

The male & female waterproof connector is made by two layers of injection molding with high viscosity TPU and high density nylon material inside.

The quality control is conducted by blow test with air in water and the result should be without any bubbles. After locked by the stainless steel locking ring, it has outstanding reliability and waterproof performance with IP68 rating.

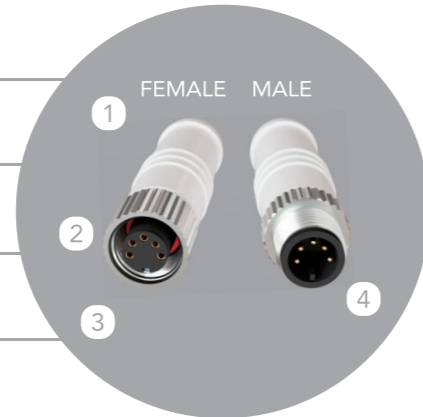


1. Double-layer high-viscosity TPU

2. 316 stainless steel material

3. Nylon material

4. Solid Copper Pin



CUSTOMIZATION

1 Available to customize the color temperature from 1800K to 6500K, color like R/G/B/LY/P/A/O.



2 Available to customize CRI, R9.



3 Printing BIS LOGO on Product and Packaging Box.



4 Available to customize the labels.



5 Available to customize the length of LED linear flex catered to your projects.



6 Available to customize the cable. Standard length=0.6m (Bare wire) 0.3m (with male/female connector)



7 Available to customize the package. Plastic plate is suitable for selling & paper reel packing is using on project.



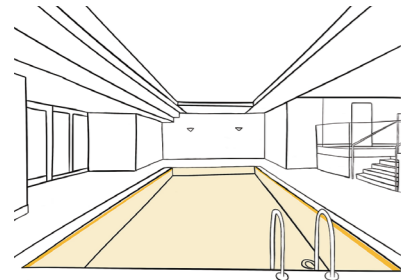
8 Available to customize different mold injection connector (direct, side, bottom entry)



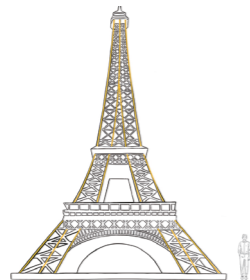
9 Available to develop new cross sections and profiles for specific project



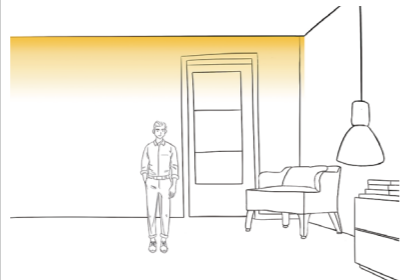
APPLICATION ENVIRONMENT



Fresh water swimming pool
(PVC/Silicone Material)



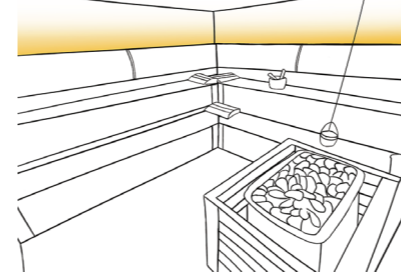
Outdoor metal surface
(Silicone Material)



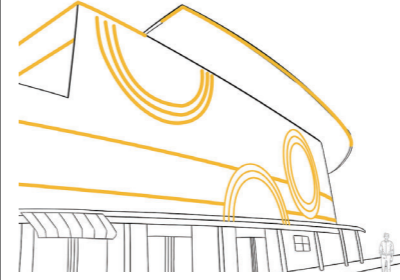
Indoor concealed slot
(PVC/Silicone Material)



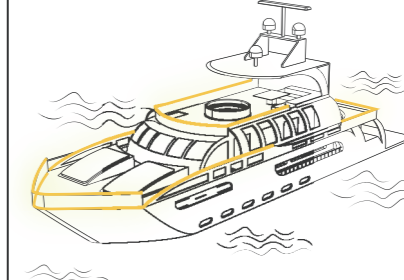
Embedded in the outdoor
concrete wall (Silicone Material)



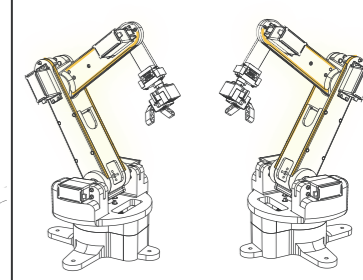
Sauna
(Silicone Material)



Outdoor concrete wall
(PVC/Silicone Material)



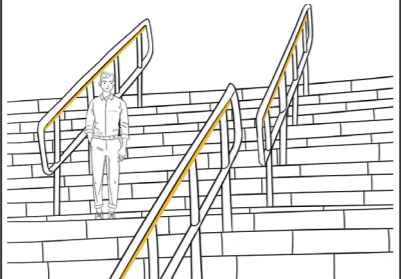
Yacht
(PVC/Silicone Material)



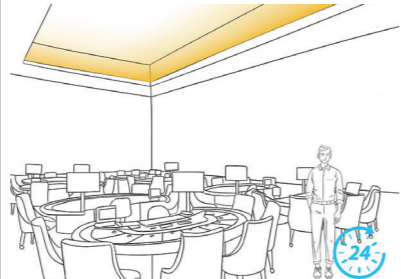
Machine
(PVC/Silicone Material)



Seawater swimming pool
(PVC Material)



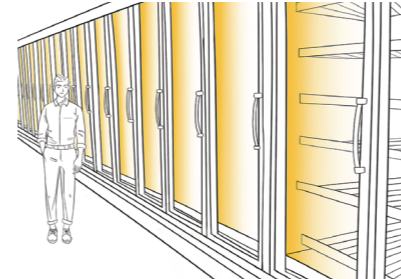
Outdoor metal handrail
(Silicone Material)



24 hours full time working
(PVC/Silicone Material)



Embedded in the indoor floor
(PVC/Silicone Material)



Freezer
(Silicone Material)



Signage
(PVC/Silicone Material)



Mining
(Silicone Material)



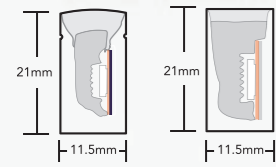
Cabinet
(PVC/Silicone Material)

LED LINEAR FLEX 15 SERIES

SIDE BEND, DOT-FREE, HOT SALE

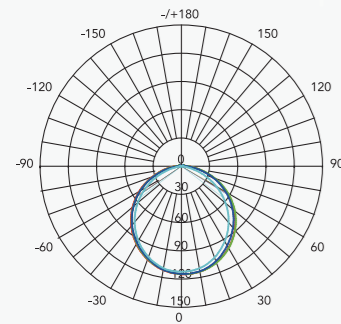
With the cross section of 11.5mm (W) x 21mm (H), 15 series offers complete color options, including mono color, tunable white, RGB, RGBW, DMX and SPI pixel chasing.

- CRI [>80; >90]
- COLOR TEMPERATURE [2200K-6500K]
- LUMEN OUTPUT [25lm-460lm]

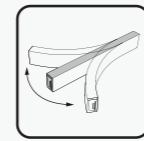


F15

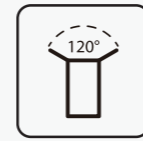
SF15



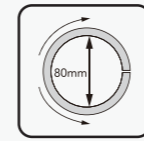
Illuminance Distribution



Horizontal Bending



Beam Angle



Min. Bending Diameter

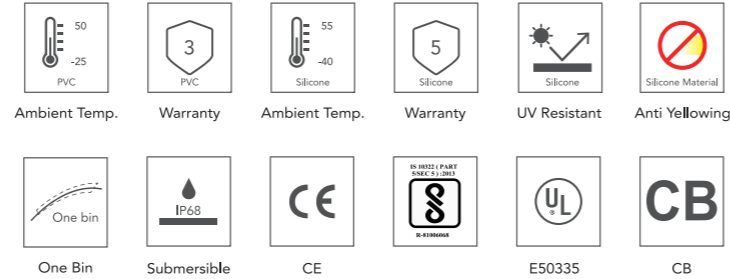
MIX CITY



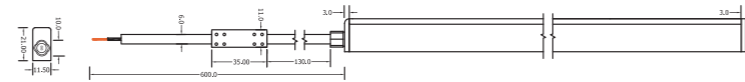
Led Linear Flex F15/SF15 Series



Product Features

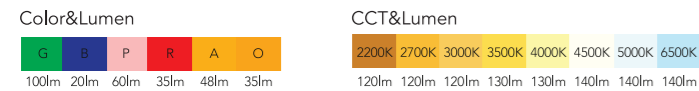


Product Dimensions



Electrical & Output Data

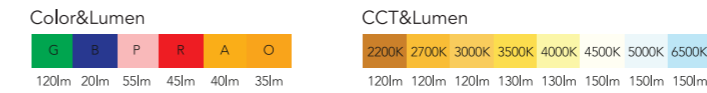
15 Mono Color	F15/SF15-12V-3528-72 12V
Input Voltage	12V DC
Power Consumption	5W/m
Working Mode	PWM CV
LED Type	SMD3528
LED Count/m	72pcs
Cutting Unit	6LEDs
Cutting Length	8.33cm
Max. Length Single Feed	22.96'/7m
Max. Length Double Feed	45.93'/14m



15 Mono Color	F15/SF15-24V-3528-72-CC Built in IC
Input Voltage	24V DC
Power Consumption	10W/m
Working Mode	PWM CV (CC IC)
LED Type	SMD3528
LED Count/m	72pcs
Cutting Unit	6LEDs
Cutting Length	8.33cm
Max. Length Single Feed	49.21'/15m
Max. Length Double Feed	98.42'/30m



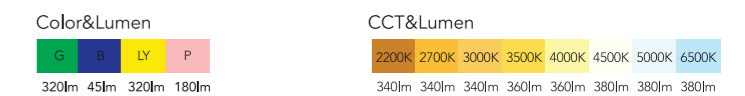
15 Mono Color	F15/SF15-24V-3528-72
Input Voltage	24V DC
Power Consumption	5W/m
Working Mode	PWM CV
LED Type	SMD3528
LED Count/m	72pcs
Cutting Unit	12LEDs
Cutting Length	16.67cm
Max. Length Single Feed	49.21'/15m
Max. Length Double Feed	98.42'/30m



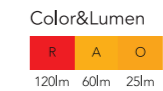
15 Mono Color	F15/SF15-24V-5050-60 Hot Sale
Input Voltage	24V DC
Power Consumption	12W/m
Working Mode	PWM CV
LED Type	SMD5050
LED Count/m	60pcs
Cutting Unit	6LEDs
Cutting Length	10cm
Max. Length Single Feed	32.8'/10m
Max. Length Double Feed	65.61'/20m



15 Mono Color	F15/SF15-24V-5050-84
Input Voltage	24V DC
Power Consumption	15W/m
Working Mode	PWM CV
LED Type	SMD5050
LED Count/m	84pcs
Cutting Unit	7LEDs
Cutting Length	8.33cm
Max. Length Single Feed	26.24'/8m
Max. Length Double Feed	52.49'/16m

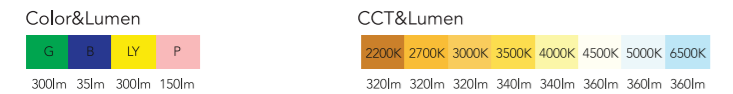


15 Mono Color	F15/SF15-24V-5050-60-U10
Input Voltage	24V DC
Power Consumption	7.2W/m
Working Mode	PWM CV
LED Type	SMD5050
LED Count/m	60pcs
Cutting Unit	10LEDs
Cutting Length	16.67cm
Max. Length Single Feed	49.21'/15m
Max. Length Double Feed	98.42'/30m



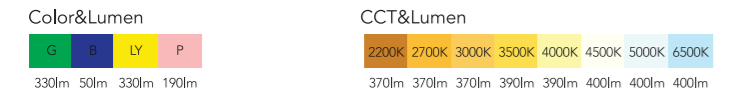
15 Mono Color **F15/SF15-24V-5050-72-U2**

Input Voltage	24V DC
Power Consumption	13W/m
Working Mode	PWM CV
LED Type	SMD5050
LED Count/m	72pcs
Cutting Unit	2LEDs
Cutting Length	2.77cm
Max. Length Single Feed	32.8'/10m
Max. Length Double Feed	65.61'/20m



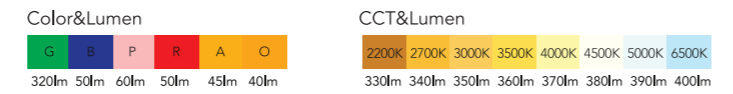
15 Mono Color **F15/SF15-48V-5050-60** **48V**

Input Voltage	48V DC
Power Consumption	10W/m
Working Mode	PWM CV
LED Type	SMD5050
LED Count/m	60pcs
Cutting Unit	15LEDs
Cutting Length	25cm
Max. Length Single Feed	65.61'/20m
Max. Length Double Feed	131.23'/40m



15 Mono Color **F15/SF15-48V-3528-140**

Input Voltage	48V DC
Power Consumption	9W/m
Working Mode	PWM CV
LED Type	SMD3528
LED Count/m	140pcs
Cutting Unit	14LEDs
Cutting Length	10cm
Max. Length Single Feed	65.61'/20m
Max. Length Double Feed	131.23'/40m



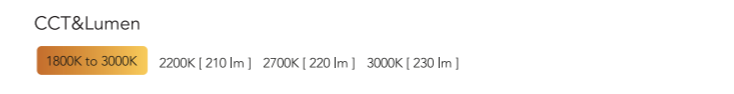
15 Tunable White **F15/SF15-24V-2835-120-DW**

Input Voltage	24V DC
Power Consumption	12W/m
Working Mode	PWM CV
LED Type	SMD2835
LED Count/m	120pcs
Cutting Unit	12LEDs
Cutting Length	10cm
Max. Length Single Feed	32.8'/10m
Max. Length Double Feed	65.61'/20m



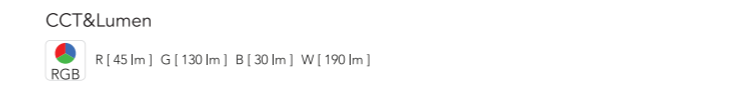
15 Dim to Warm **F15/SF15-24V-2835-120-DTW** **DTW**

Input Voltage	24V DC
Power Consumption	12W/m
Working Mode	DTW
LED Type	SMD2835
LED Count/m	120pcs
Cutting Unit	12LEDs
Cutting Length	10cm
Max. Length Single Feed	32.8'/10m
Max. Length Double Feed	65.61'/20m



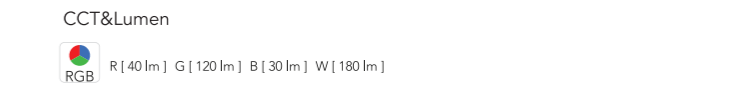
15 Multi RGB **F15/SF15-24V-5050-60-RGB**

Input Voltage	24V DC
Power Consumption	12W/m
Working Mode	PWM CV
LED Type	SMD5050
LED Count/m	60pcs
Cutting Unit	6LEDs
Cutting Length	10cm
Max. Length Single Feed	32.8'/10m
Max. Length Double Feed	65.61'/20m



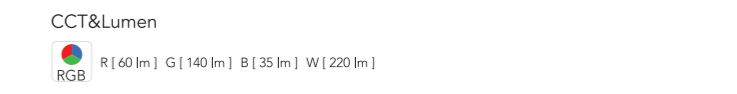
15 Multi RGB **F15/SF15-12V-5050-60-RGB** **12V**

Input Voltage	12V DC
Power Consumption	11W/m
Working Mode	PWM CV
LED Type	SMD5050
LED Count/m	60pcs
Cutting Unit	3LEDs
Cutting Length	5cm
Max. Length Single Feed	16.4'/5m
Max. Length Double Feed	32.8'/10m




15 Multi RGB **F15/SF15-48V-5050-60-RGB** **48V**

Input Voltage	48V DC
Power Consumption	10W/m
Working Mode	PWM CV
LED Type	SMD5050
LED Count/m	60pcs
Cutting Unit	15LEDs
Cutting Length	25cm
Max. Length Single Feed	65.61'/20m
Max. Length Double Feed	131.23'/40m





15 Multi RGB F15/SF15-24V-5050-72-RGB

Input Voltage	24V DC
Power Consumption	13W/m
Working Mode	PWM CV
LED Type	SMD5050
LED Count/m	72pcs
Cutting Unit	6LEDs
Cutting Length	8.33cm
Max. Length Single Feed	32.8'/10m
Max. Length Double Feed	65.61'/20m

CCT&Lumen
 RGB R [60 lm] G [140 lm] B [40 lm] W [200 lm]



15 Multi RGBW F15/SF15-12V-5050-60-RGBW

Input Voltage	12V DC
Power Consumption	17W/m
Working Mode	PWM CV
LED Type	SMD5050
LED Count/m	60pcs
Cutting Unit	3LEDs
Cutting Length	5cm
Max. Length Single Feed	16.40'/5m
Max. Length Double Feed	32.8'/10m

Color/CCT&Lumen
 RGB R [30 lm] G [100 lm] B [25 lm] W [300 lm] +  2700K 3000K 4000K 5000K
 130lm 140lm 150lm 160lm


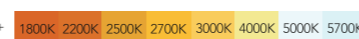

15 Multi RGBW F15/SF15-24V-5050-60-RGBW

Input Voltage	24V DC
Power Consumption	17W/m
Working Mode	PWM CV
LED Type	SMD5050
LED Count/m	60pcs
Cutting Unit	6LEDs
Cutting Length	10cm
Max. Length Single Feed	26.24'/8m
Max. Length Double Feed	52.49'/16m

Color/CCT&Lumen
 RGB R [35 lm] G [110 lm] B [29 lm] W [310 lm] +  2700K 3000K 4000K 5000K
 140lm 150lm 160lm 170lm


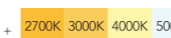
15 Multi RGBX F15/SF15-24V-3535+2835-60-RGBX

Input Voltage	24V DC
Power Consumption	17W/m
Working Mode	PWM CV
LED Type	SMD3535+2835
Ra	80/90/95
LED Count/m	60pcs
Cutting Unit	6LEDs
Cutting Length	10cm
Max. Length Single Feed	26.24'/8m
Max. Length Double Feed	52.49'/16m

Color/CCT&Lumen X=1800K/2200K/2500K/2700K/3000K/4000K
 5700K/6500K, Amber or other colors
 RGB R [40 lm] G [120 lm] B [30 lm] W [300 lm] +  1800K 2200K 2500K 2700K 3000K 4000K 5000K 5700K
 150lm 160lm 170lm 180lm 190lm 200lm 210lm 220lm
 6500K Amber
 230lm 120lm



15 Multi RGBW F15/SF15-24V-5050-72-RGBW

Input Voltage	24V DC
Power Consumption	17W/m
Working Mode	PWM CV
LED Type	SMD5050
LED Count/m	72pcs
Cutting Unit	6LEDs
Cutting Length	8.33cm
Max. Length Single Feed	26.24'/8m
Max. Length Double Feed	52.49'/16m

Color/CCT&Lumen
 RGB R [40 lm] G [120 lm] B [35 lm] W [330 lm] +  2700K 3000K 4000K 5000K
 160lm 170lm 180lm 190lm


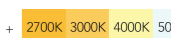
15 DMX Pixel Chasing F15/SF15-24V-5050-56-DMX3-RGB

Input Voltage	24V DC
Power Consumption	11W/m
Working Mode	DMX (RS485)
LED Type	SMD5050
LED Count/m	56pcs
Cutting Unit	7LEDs
Cutting Length	12.5cm
Pixels Count/m	8Pixels
Max. Length Single Feed	26.24'/8m
Max. Length Double Feed	52.49'/16m

Color/CCT&Lumen
 RGB R [30 lm] G [100 lm] B [25 lm] W [150 lm] +  3000K DW
 270lm



15 Multi RGBW F15/SF15-24V-5050-84-RGBW

Input Voltage	24V DC
Power Consumption	20W/m
Working Mode	PWM CV
LED Type	SMD5050
LED Count/m	84pcs
Cutting Unit	6LEDs
Cutting Length	7.14cm
Max. Length Single Feed	22.96'/7m
Max. Length Double Feed	45.93'/14m

Color/CCT&Lumen
 RGB R [45 lm] G [130 lm] B [40 lm] W [340 lm] +  2700K 3000K 4000K 5000K
 180lm 190lm 200lm 210lm

15 DMX Pixel Chasing F15/SF15-24V-5050-72-DMX3-RGB

Input Voltage	24V DC
Power Consumption	9W/m
Working Mode	DMX (RS485)
LED Type	SMD5050
LED Count/m	72pcs
Cutting Unit	12LEDs
Cutting Length	16.67cm
Pixels Count/m	6Pixels
Max. Length Single Feed	32.8'/10m
Max. Length Double Feed	65.61'/20m

Color/CCT&Lumen
 RGB R [30 lm] G [100 lm] B [25 lm] W [150 lm] +  3000K DW
 300lm

Mold Injection Connector (IP68 rated protection)



Direct Entry Connector



Side Entry Connector



Bottom Entry Connector



End Cap

DIY Assemble Connector (IP67 rated protection)



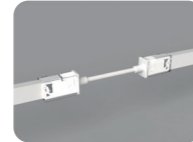
DIY Snap Connector

DIY-SN-FR-15-D-01/02-A/DW/RGB
2/3/4 Pins (Cable length: 30cm)
DIY snap front connector kit
Direct cable output



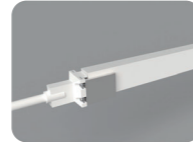
DIY Snap End Cap

DIY-SN-END-15-01/02
DIY snap end cap kit



DIY Snap Extension Connector

DIY-SN-EXT-15-A/DW/RGB
2/3/4 Pins
DIY snap extension connector kit
Cable length: 30cm



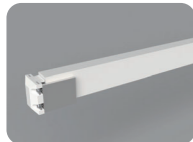
DIY Screw Connector

DIY-SC-FR-15-D-01/02-A/DW/RGB
2/3/4 Pins
DIY screw front connector kit
Direct cable output



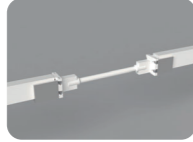
DIY Screw Connector

DIY-SC-FR-15-B-01-A/DW/RGB
2/3/4 Pins
DIY screw front connector kit
Bottom cable output



DIY Screw End Cap

DIY-SC-END-15
DIY screw end cap kit



DIY Screw Extension Connector

DIY-SC-EXT-15-A/DW/RGB
2/3/4 Pins
DIY screw extension connector kit



DIY Splice Connector

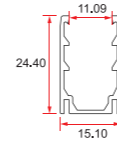
DIY-SN-SP-15-A
DIY splice connector kit

Mounting Profile



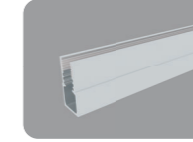
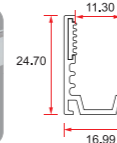
ALC15S01

Use for: 15 & 21 series
Length: 3.5/100/200cm
Material: aluminum alloy
Optional Color: AS/AB/PW
Type: standard



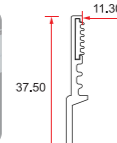
ALC15S04

Use for: 15 & 21 series
Length: 3.5/100/200cm
Material: aluminum alloy+polyvinyl chloride
Color: silver+milky white
Type: anti-drop



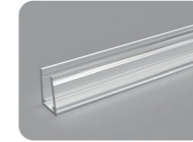
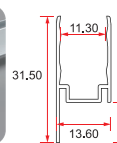
ALC15H05

Use for: 15 & 21 series
Length: 3.5/100/200cm
Material: aluminum alloy+polyvinyl chloride
Color: silver+milky white
Type: cable hiding & anti-drop



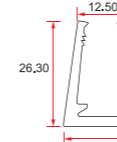
ALC15V01

Use for: 15 & 21 series
Length: 3.5/100/200cm
Material: aluminum alloy
Optional color: AS/AB/PW



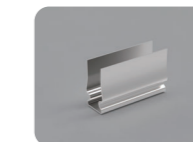
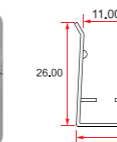
PC15/21S01-T

Use for: 15 & 21 series
Length: 3.5/100cm
Material: plastic
Color: transparent
Type: standard



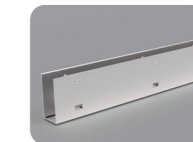
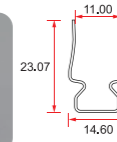
SSC15FLX

Use for: 15 & 21 series
Length: 10/30/50/100cm
Material: stainless steel
Surface treatment: Polished
Type: flexible



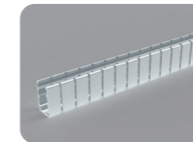
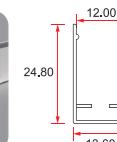
SSC15S01-05

Use for: 15 & 21 series
Length: 5cm
Material: stainless steel
Surface: natural color
Type: 316 stainless steel



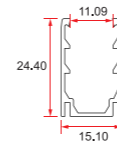
SSC15S02-100

Use for: 15 & 21 series
Length: 100cm
Material: stainless steel
Surface: natural color
Type: 316 stainless steel



ALC15S01FLX

Use for: 15 & 21 series
Length: 50/100/200cm
Material: aluminum alloy
Optional Color: AS/AB/PW
Type: flexible

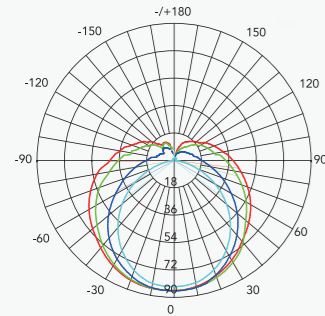
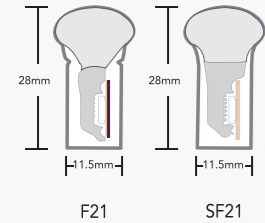


LED LINEAR FLEX 21 SERIES

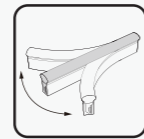
WIDE BEAM ANGLE, SIDE BEND, MORE EVEN

The dimension of 21 series is 11.5mm (W) x 28mm (H) featuring wide beam angle of 270 degree, emitting high-performance homogeneous light for building facade, landscape, swimming pool, concealed slot, metal surface, sauna, freezer, sign, etc. 21 series are provided with mono color, tunable white, RGB, RGBW, DMX & SPI signal pixel chasing for choice.

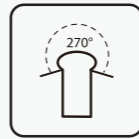
- CRI [>80; >90]
- COLOR TEMPERATURE [2200K-6500K]
- LUMEN OUTPUT [17lm-450lm]



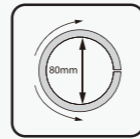
Illuminance Distribution



Horizontal Bending



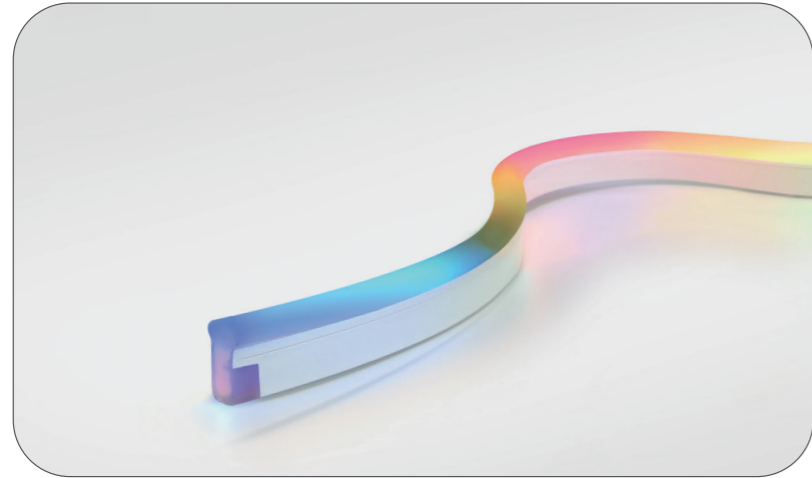
Beam Angle



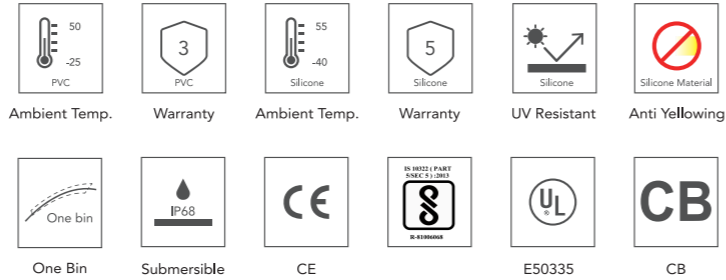
Min. Bending Diameter



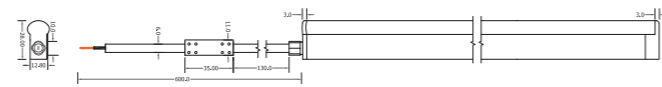
Led Linear Flex F21/SF21 Series



Product Features

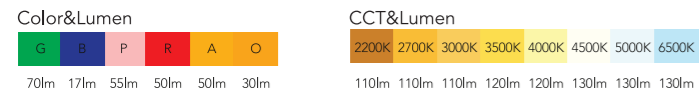


Product Dimensions

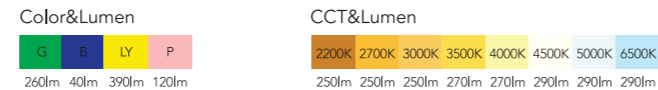


Electrical & Output Data

21 Mono Color	F21/SF21-12V-3528-72
Input Voltage	12V DC
Power Consumption	5W/m
Working Mode	PWM CV
LED Type	SMD3528
LED Count/m	72pcs
Cutting Unit	6LEDs
Cutting Length	8.33cm
Max. Length Single Feed	22.96'/7m
Max. Length Double Feed	45.93'/14m



21 Mono Color	F21/SF21-24V-3528-72-CC
Input Voltage	24V DC
Power Consumption	10W/m
Working Mode	PWM CV (CC IC)
LED Type	SMD3528
LED Count/m	72pcs
Cutting Unit	6LEDs
Cutting Length	8.33cm
Max. Length Single Feed	49.21'/15m
Max. Length Double Feed	98.42'/30m



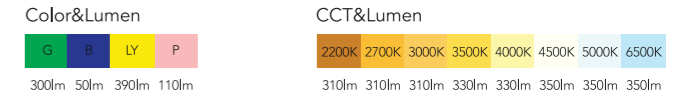
21 Mono Color	F21/SF21-24V-3528-72
Input Voltage	24V DC
Power Consumption	5W/m
Working Mode	PWM CV
LED Type	SMD3528
LED Count/m	72pcs
Cutting Unit	12LEDs
Cutting Length	16.67cm
Max. Length Single Feed	49.21'/15m
Max. Length Double Feed	98.42'/30m



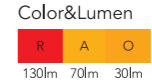
21 Mono Color	F21/SF21-24V-5050-60
Input Voltage	24V DC
Power Consumption	12W/m
Working Mode	PWM CV
LED Type	SMD5050
LED Count/m	60pcs
Cutting Unit	6LEDs
Cutting Length	10cm
Max. Length Single Feed	32.8'/10m
Max. Length Double Feed	65.61'/20m



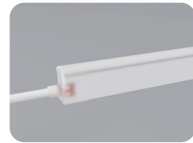
21 Mono Color	F21/SF21-24V-5050-84
Input Voltage	24V DC
Power Consumption	15W/m
Working Mode	PWM CV
LED Type	SMD5050
LED Count/m	84pcs
Cutting Unit	7LEDs
Cutting Length	8.33cm
Max. Length Single Feed	26.24'/8m
Max. Length Double Feed	52.49'/16m



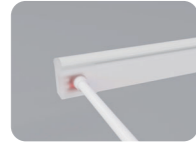
21 Mono Color	F21/SF21-24V-5050-60-U10
Input Voltage	24V DC
Power Consumption	7.2W/m
Working Mode	PWM CV
LED Type	SMD5050
LED Count/m	60pcs
Cutting Unit	10LEDs
Cutting Length	16.67cm
Max. Length Single Feed	49.21'/15m
Max. Length Double Feed	98.42'/30m



Mold Injection Connector (IP68 rated protection)



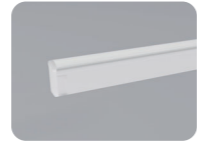
Direct Entry Connector



Side Entry Connector

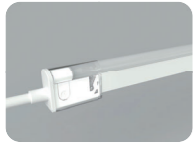


Bottom Entry Connector



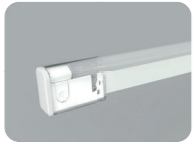
End Cap

DIY Assemble Connector (IP67 rated protection)



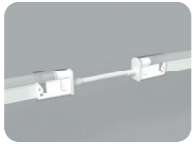
DIY Snap Connector

DIY-SN-FR-21-D-01-A/DW/RGB
2/3/4 Pins (Cable length: 30cm)
DIY snap front connector kit
Direct cable output



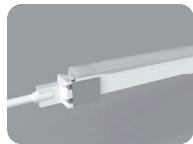
DIY Snap End Cap

DIY-SN-END-21- 01/02
DIY snap end cap kit



DIY Snap Extension Connector

DIY-SN-EXT-21-A/DW/RGB
2/3/4 Pins
DIY snap extension connector kit
Cable length: 30cm



DIY Screw Connector

DIY-SC-FR-15-D-01/02-A/DW/RGB
2/3/4 Pins
DIY screw front connector kit
Direct cable output



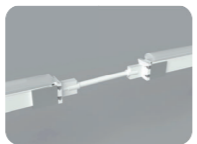
DIY Screw Connector

DIY-SC-FR-15-B-01/02-A/DW/RGB
2/3/4 Pins
DIY screw front connector kit
Bottom cable output



DIY Screw End Cap

DIY-SC-END-15
DIY screw end cap kit



DIY Screw Extension Connector

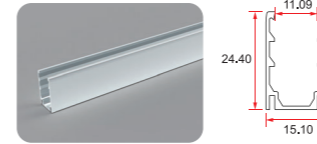
DIY-SC-EXT-15-A/DW/RGB
2/3/4 Pins
DIY screw extension connector kit



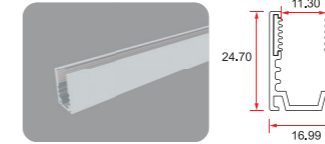
DIY Splice Connector

DIY-SN-SP-21-A
DIY splice connector kit

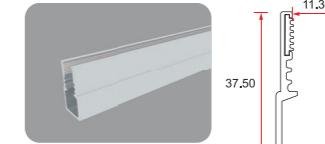
Mounting Profile



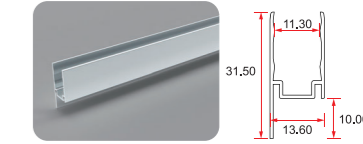
ALC15S01
Use for: 15 & 21 series
Length: 3.5/100/200cm
Material: aluminum alloy
Optional Color: AS/AB/PW
Type: standard



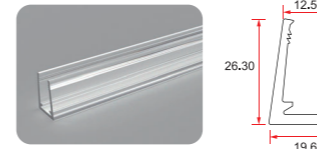
ALC15S04
Use for: 15 & 21 series
Length: 3.5/100/200cm
Material: aluminum alloy+polyvinyl chloride
Color: silver+milky white
Type: anti-drop



ALC15H05
Use for: 15 & 21 series
Length: 3.5/100/200cm
Material: aluminum alloy+polyvinyl chloride
Color: silver+milky white
Type: cable hiding & anti-drop



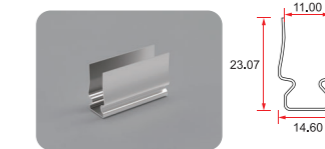
ALC15V01
Use for: 15 & 21 series
Length: 3.5/100/200cm
Material: aluminum alloy
Optional color: AS/AB/PW



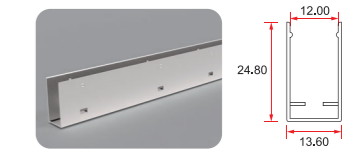
PC15/21S01-T
Use for: 15 & 21 series
Length: 3.5/100cm
Material: plastic
Color: transparent
Type: standard



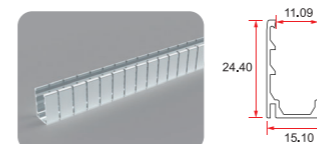
SSC15FLX
Use for: 15 & 21 series
Length: 10/30/50/100cm
Material: stainless steel
Surface treatment: Polished
Type: flexible



SSC15S01-05
Use for: 15 & 21 series
Length: 5cm
Material: stainless steel
Surface: natural color
Type: 316 stainless steel



SSC15S02-100
Use for: 15 & 21 series
Length: 100cm
Material: stainless steel
Surface: natural color
Type: 316 stainless steel



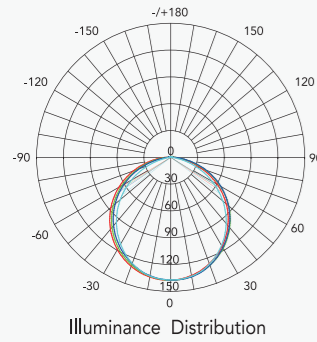
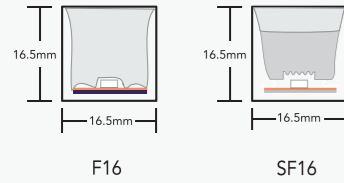
ALC15S01FLX
Use for: 15 & 21 series
Length: 50/100/200cm
Material: aluminum alloy
Optional Color: AS/AB/PW
Type: flexible

LED LINEAR FLEX 16 SERIES

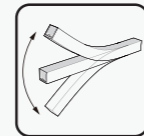
TOP BEND, LINEAR LIGHTING, HIGH EFFICIENCY

With a cross section of 16.5mm x 16.5mm, 16 series provides both PVC and Silicone options. It covers complete options like mono color, tunable white, RGB, RGBW, DMX and SPI pixel chasing.

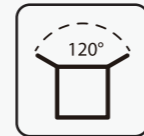
- CRI [>80; >90]
- COLOR TEMPERATURE [2200K-6500K]
- LUMEN OUTPUT [40lm-745lm]



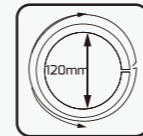
- Mono
- Tunable White
- RGB(W)
- Pixel Chasing



Vertical Bending

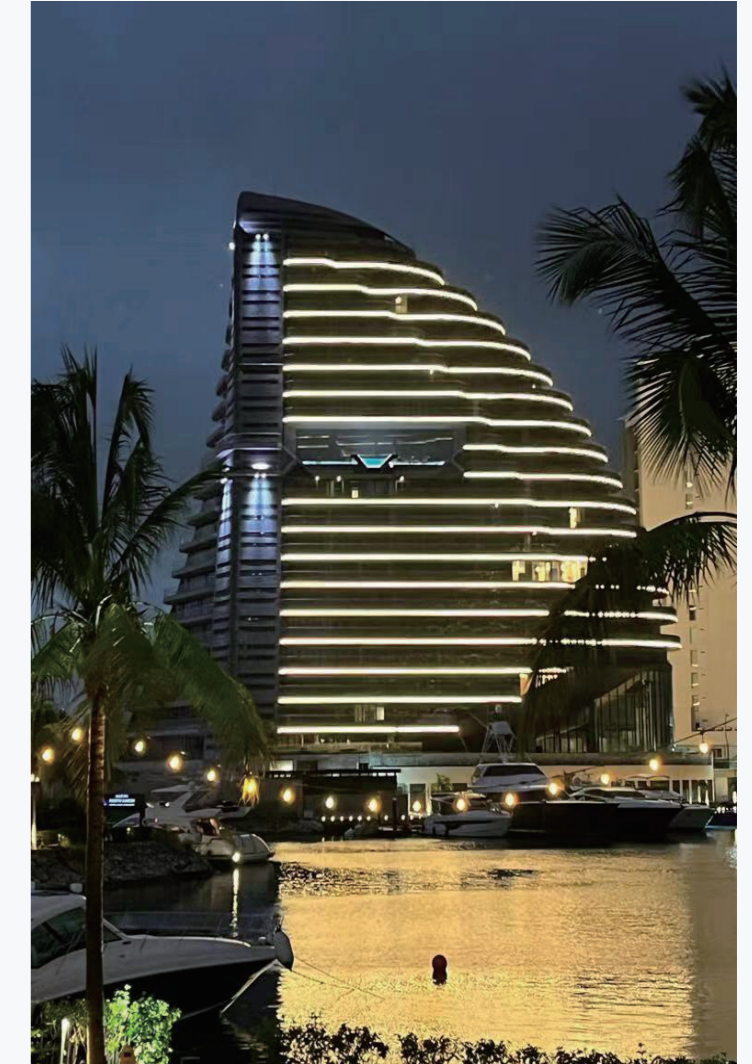


Beam Angle

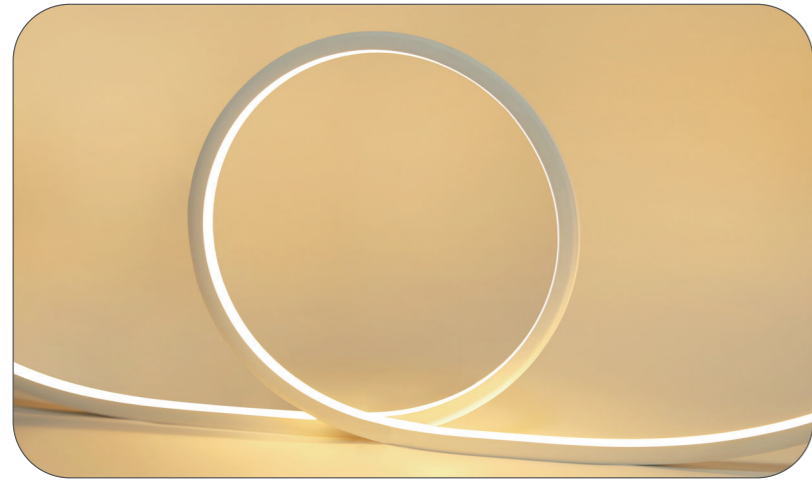


Min. Bending Diameter

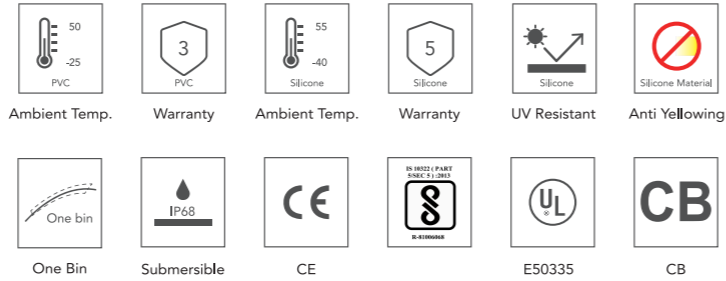
SHARK TOWER



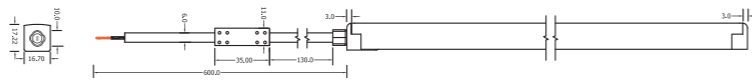
Led Linear Flex F16/SF16 Series



Product Features



Product Dimensions



Electrical & Output Data

16 Mono Color	F16/SF16-24V-3528-144 Hot Sale
Input Voltage	24V DC
Power Consumption	10W/m
Working Mode	PWM CV
LED Type	SMD3528
LED Count/m	144pcs
Cutting Unit	12LEDs
Cutting Length	8.33cm
Max. Length Single Feed	32.8'/10m
Max. Length Double Feed	65.61'/20m
Color&Lumen	CCT&Lumen
G B P R A O	2200K 2700K 3000K 3500K 4000K 4500K 5000K 6500K
330lm 60lm 180lm 120lm 110lm 290lm	360lm 360lm 360lm 380lm 380lm 400lm 400lm 400lm

16 Mono Color	F16/SF16-24V-3528-120
Input Voltage	24V DC
Power Consumption	9W/m
Working Mode	PWM CV
LED Type	SMD3528
LED Count/m	120pcs
Cutting Unit	12LEDs
Cutting Length	10cm
Max. Length Single Feed	32.8'/10m
Max. Length Double Feed	65.61'/20m
Color&Lumen	CCT&Lumen
G B P R A O	2200K 2700K 3000K 3500K 4000K 4500K 5000K 6500K
310lm 40lm 140lm 110lm 100lm 280lm	320lm 320lm 320lm 340lm 340lm 360lm 360lm 360lm

16 Mono Color	F16/SF16-24V-5050-84
Input Voltage	24V DC
Power Consumption	15W/m
Working Mode	PWM CV
LED Type	SMD5050
LED Count/m	84pcs
Cutting Unit	7LEDs
Cutting Length	8.33cm
Max. Length Single Feed	32.8'/8m
Max. Length Double Feed	65.61'/16m

Color&Lumen	CCT&Lumen
G B LY P	2200K 2700K 3000K 3500K 4000K 4500K 5000K 6500K
330lm 60lm 400lm 180lm	360lm 360lm 360lm 380lm 380lm 400lm 400lm 400lm

16 Mono Color	F16/SF16-24V-5050-72-U2
Input Voltage	24V DC
Power Consumption	13W/m
Working Mode	PWM CV
LED Type	SMD5050
LED Count/m	72pcs
Cutting Unit	2LEDs
Cutting Length	2.77cm
Max. Length Single Feed	32.8'/10m
Max. Length Double Feed	65.61'/20m

Color&Lumen	CCT&Lumen
G B LY P	2200K 2700K 3000K 3500K 4000K 4500K 5000K 6500K
420lm 60lm 380lm 270lm	500lm 520lm 540lm 550lm 559lm 565lm 570lm 575lm

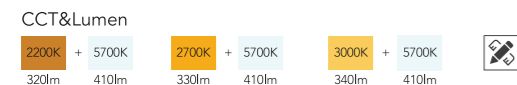
16 Mono Color	F16/SF16-24V-3528-120-CC
Input Voltage	24V DC
Power Consumption	10W/m
Working Mode	PWM CV (CC IC)
LED Type	SMD3528
LED Count/m	120pcs
Cutting Unit	6LEDs
Cutting Length	5cm
Max. Length Single Feed	49.21'/15m
Max. Length Double Feed	98.42'/30m

Color&Lumen	CCT&Lumen
G B P	2200K 2700K 3000K 3500K 4000K 4500K 5000K 6500K
300lm 35lm 130lm	300lm 300lm 300lm 320lm 320lm 340lm 340lm 340lm

16 Mono Color	F16/SF16-48V-3528-140 48V
Input Voltage	48V DC
Power Consumption	9W/m
Working Mode	PWM CV
LED Type	SMD3528
LED Count/m	140pcs
Cutting Unit	14LEDs
Cutting Length	10cm
Max. Length Single Feed	65.61'/20m
Max. Length Double Feed	131.23'/40m

Color&Lumen	CCT&Lumen
G B R	2200K 2700K 3000K 3500K 4000K 4500K 5000K 6500K
330lm 60lm 120lm	360lm 360lm 360lm 380lm 380lm 400lm 400lm 400lm

16 Tunable White	F16/SF16-24V-2835-120-DW
Input Voltage	24V DC
Power Consumption	12W/m
Working Mode	PWM CV
LED Type	SMD2835
LED Count/m	120pcs
Cutting Unit	12LEDs
Cutting Length	10cm
Max. Length Single Feed	32.8'/10m
Max. Length Double Feed	65.61'/20m



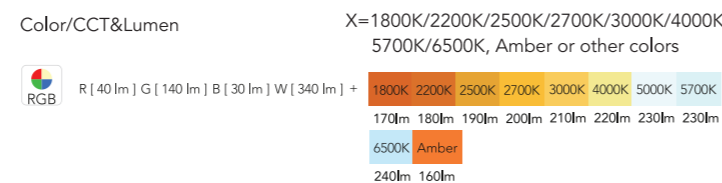
16 Dim to Warm	F16/SF16-24V-2835-120-DTW DTW
Input Voltage	24V DC
Power Consumption	12W/m
Working Mode	DTW
LED Type	SMD2835
LED Count/m	120pcs
Cutting Unit	12LEDs
Cutting Length	10cm
Max. Length Single Feed	32.8'/10m
Max. Length Double Feed	65.61'/20m



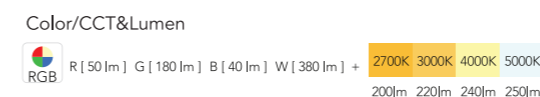
16 Multi RGB	F16/SF16-24V-5050-72-RGB
Input Voltage	24V DC
Power Consumption	13W/m
Working Mode	PWM CV
LED Type	SMD5050
LED Count/m	72pcs
Cutting Unit	6LEDs
Cutting Length	8.33cm
Max. Length Single Feed	32.8'/10m
Max. Length Double Feed	65.61'/20m



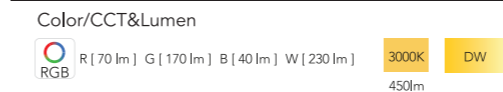
16 Multi RGBX	F16/SF16-24V-3535+2835-60-RGBX
Input Voltage	24V DC
Power Consumption	17W/m
Working Mode	PWM CV
LED Type	SMD3535+2835
Ra	80/90/95
LED Count/m	60pcs
Cutting Unit	6LEDs
Cutting Length	10cm
Max. Length Single Feed	26.24'/8m
Max. Length Double Feed	52.49'/16m



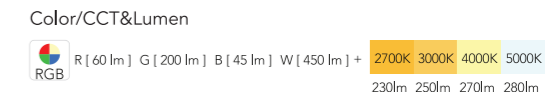
16 Multi RGBW	F16/SF16-24V-5050-72-RGBW
Input Voltage	24V DC
Power Consumption	17W/m
Working Mode	PWM CV
LED Type	SMD5050
LED Count/m	72pcs
Cutting Unit	6LEDs
Cutting Length	8.33cm
Max. Length Single Feed	26.24'/8m
Max. Length Double Feed	52.49'/16m



16 DMX Pixel Chasing	F16/SF16-24V-5050-70-DMX3-RGB
Input Voltage	24V DC
Power Consumption	14W/m
Working Mode	DMX (RS485)
LED Type	SMD5050
LED Count/m	70pcs
Cutting Unit	7LEDs
Cutting Length	10cm
Pixels Count/m	10Pixels
Max. Length Single Feed	26.24'/8m
Max. Length Double Feed	52.49'/16m



16 Multi RGBW	F16/SF16-24V-5050-84-RGBW
Input Voltage	24V DC
Power Consumption	20W/m
Working Mode	PWM CV
LED Type	SMD5050
LED Count/m	84pcs
Cutting Unit	6LEDs
Cutting Length	7.14cm
Max. Length Single Feed	22.96'/7m
Max. Length Double Feed	45.93'/14m



16 DMX Pixel Chasing	F16/SF16-24V-5050-72-DMX3-RGB
Input Voltage	24V DC
Power Consumption	9W/m
Working Mode	DMX (RS485)
LED Type	SMD5050
LED Count/m	72pcs
Cutting Unit	12LEDs
Cutting Length	16.67cm
Pixels Count/m	6Pixels
Max. Length Single Feed	32.8'/10m
Max. Length Double Feed	65.61'/20m



16 DMX Pixel Chasing **F16/SF16-24V-5050-70-DMX4-RGBW**

Input Voltage	24V DC
Power Consumption	18W/m
Working Mode	DMX (RS485)
LED Type	SMD5050
LED Count/m	70pcs
Cutting Unit	7LEDs
Cutting Length	10cm
Pixels Count/m	10Pixels
Max. Length Single Feed	26.24'/8m
Max. Length Double Feed	52.49'/16m

Color/CCT&Lumen

RGB	R [60lm] G [190lm] B [50lm] W [410lm] +	2700K 3000K 4000K 5000K
		180lm 190lm 200lm 210lm

16 SPI Pixel Chasing **F16/SF16-24V-5050-70-SPI3-RGB**

Input Voltage	24V DC
Power Consumption	15W/m
Working Mode	SPI (8903)
LED Type	SMD5050
LED Count/m	70pcs
Cutting Unit	7LEDs
Cutting Length	10cm
Pixels Count/m	10Pixels
Gray Scale	16bit (8bit Optional)
Max. Length Single Feed	26.24'/8m
Max. Length Double Feed	52.49'/16m

Color/CCT&Lumen

RGB	R [60lm] G [170lm] B [40lm] W [240lm]	3000K DW
		440lm

16 SPI Pixel Chasing **F16/SF16-24V-5050-84-SPI4-RGBW**

Input Voltage	24V DC
Power Consumption	22W/m
Working Mode	SPI (8904)
LED Type	SMD5050
LED Count/m	84pcs
Cutting Unit	7LEDs
Cutting Length	8.33cm
Pixels Count/m	12Pixels
Gray Scale	16bit (8bit Optional)
Max. Length Single Feed	26.24'/8m
Max. Length Double Feed	52.49'/16m

Color/CCT&Lumen

RGB	R [80lm] G [190lm] B [50lm] W [420lm] +	2700K 3000K 4000K 5000K
		200lm 210lm 220lm 230lm

16 SPI Pixel Chasing **F16/SF16-24V-5050-70-SPI4-RGBW**

Input Voltage	24V DC
Power Consumption	18W/m
Working Mode	SPI (8904)
LED Type	SMD5050
LED Count/m	70pcs
Cutting Unit	7LEDs
Cutting Length	10cm
Pixels Count/m	10Pixels
Gray Scale	16bit (8bit Optional)
Max. Length Single Feed	26.24'/8m
Max. Length Double Feed	52.49'/16m

Color/CCT&Lumen

RGB	R [60lm] G [170lm] B [40lm] W [400lm] +	2700K 3000K 4000K 5000K
		170lm 180lm 190lm 200lm

Mold Injection Connector (IP68 rated protection)



Direct Entry Connector



Side Entry Connector



Bottom Entry Connector



L Shape Entry Connector



End Cap

DIY Assemble Connector (IP67 rated protection)



DIY Snap Connector

DIY-SN-FR-16-D-01/02-A/DW/RGB
2/3/4 Pins (Cable length: 30cm)
DIY snap front connector kit
Direct cable output



DIY Snap End Cap

DIY-SC-END-16-D-01/02
DIY snap end cap kit



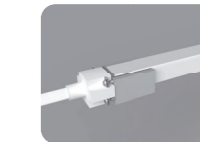
DIY Snap Extension Connector

DIY-SN-EXT-16-A/DW/RGB
2/3/4 Pins
DIY snap extension connector kit
Cable length: 30cm



DIY Screw Extension Connector

DIY-SC-EXT-16-A/DW/RGB
2/3/4 Pins
DIY screw extension connector kit



DIY Screw Connector

DIY-SC-FR-16-D-01/02-A/DW/RGB
2/3/4 Pins
DIY screw front connector kit
Direct cable output



DIY Screw End Cap

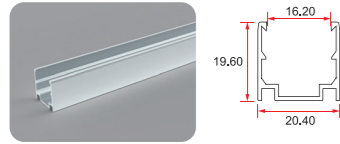
DIY-SC-END-16
DIY screw end cap kit



DIY Splice Connector

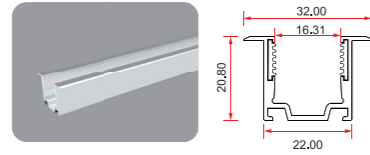
DIY-SN-SP-16-A
DIY splice connector kit

Mounting Profile



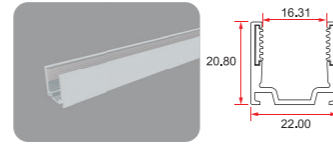
ALC16S02

Use for: 16 & 17 series
Length: 3.5/100/200cm
Material: aluminum alloy
Optional color: AS/AB/PW
Type: standard



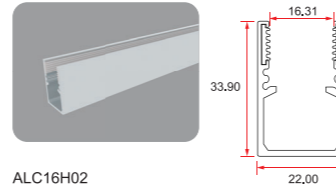
ALC16S07

Use for: 16 & 17 series
Length: 3.5/100/200cm
Material: aluminum alloy+polyvinyl chloride
Color: silver+milky white
Type: ceiling



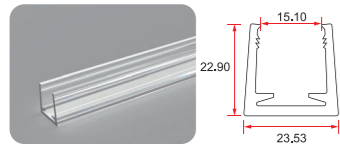
ALC16S08

Use for: 16 & 17 series
Length: 3.5/100/200cm
Material: aluminum alloy+polyvinyl chloride
Color: silver+milky white
Type: anti-drop



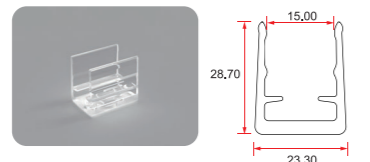
ALC16H02

Use for: 16 & 17 series
Length: 3.5/100/200cm
Material: aluminum alloy+polyvinyl chloride
Color: silver+milky white
Type: cable hiding & anti-drop



PC16/17S02-T

Use for: 16 & 17 series
Length: 100cm
Material: plastic
Color: transparent
Type: standard



SJJ-ZSH-008-PC

Use for: 16 & 17 series
Length: 3cm
Material: Plastic
Color: transparent
Type: standard



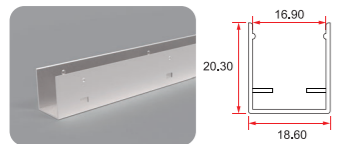
SSC16S01-05

Use for: 16 & 17 series
Length: 5cm
Material: stainless steel
Surface: natural color
Type: 316 stainless steel



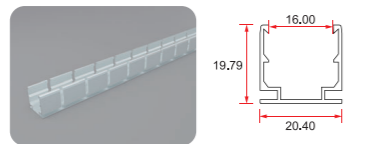
SSC16FLX

Use for: 16 & 17 series
Length: 10/30/50/100cm
Material: stainless steel
Surface treatment: Polished
Type: flexible



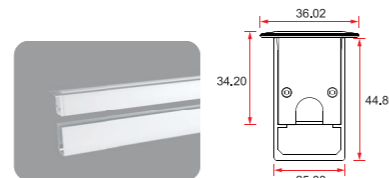
SSC16S02-100

Use for: 16 & 17 series
Length: 100cm
Material: stainless steel
Surface: natural color
Type: 316 stainless steel



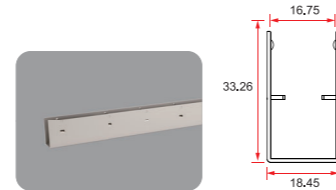
ALC16S05FLX

Use for: 16 series
Length: 50/100/200cm
Material: aluminum alloy
Color: AS
Type: flexible



ALC-WL-B-02-A/B

Use for: 16 series
Length: 100/200cm
Material: aluminum alloy+polyvinyl chloride
Color: silver+milky white
Type: Buried/ Recessed



SSC16H01

Use for: 16 & 17 series
Length: 100cm
Material: stainless steel
Surface: natural color
Type: cable hiding

