

# LED LIGHTING

## CATALOGUE

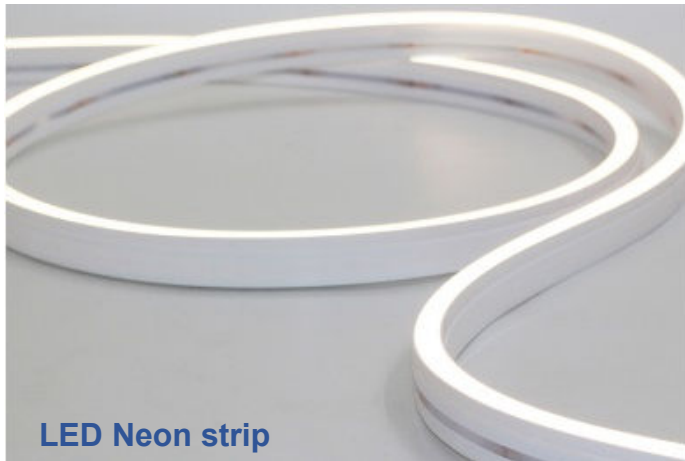
VER. 01



Flexible LED strip



Flexible Wall Washer



LED Neon strip

## LED STRIP

LED STRIP include three kinds of products Flexible LED Strip, Neon Strip and Linear wall washer. They can help to highlight and decorative ceiling, highlight wall feature and highlight the building the outline. Suitable for outdoor use.

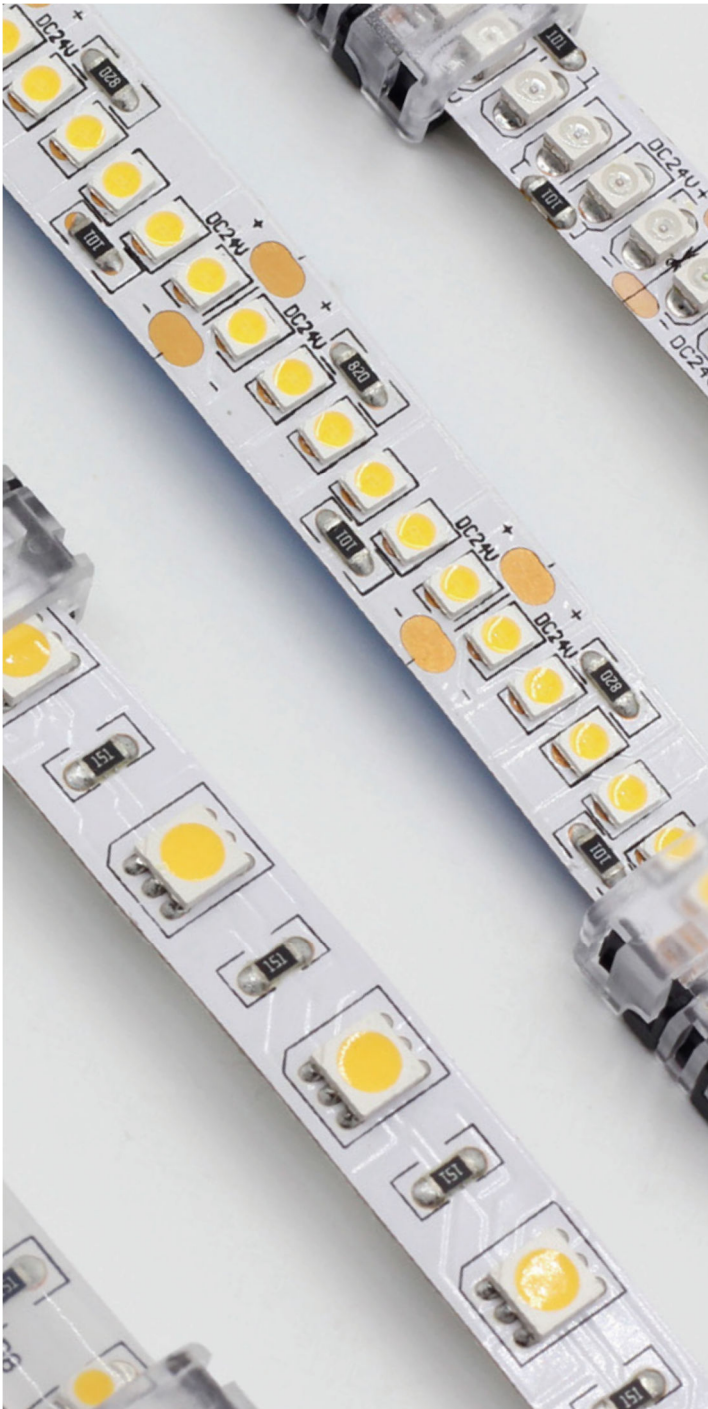
**Litesyn**  
Your Luminaire craftsman

## **FLEXIBLE LED STRIP**

### **HIGHLIGHT FEATURE:**

- Flexible and cuttable LED strip
- View angle 120 degree
- High lumen output and efficacy
- High Color rendering >90 or >95
- Easy installation with self-adhesive tape on backside
- DC 24V working voltage
- Color consistency up to 3 SDCM\*\*
- Embedded constant current regulation
- Ingress protection IP20 , IP44 or IP67 rating

\*\*Color consistency up to 3 SDCM is base on same production batch.



### **APPLICATION**

- Cove lighting
- Ceiling Integration
- Signage, advertising and lettering
- Suitable for indoor or semi-outdoor use

## CRI 90 or CRI 95 SMD2835, SMD3528 Flexible LED Strip



<b>Model:</b>	FL-SMD2835-XXW-CCT-CRI-IP	
<b>Input:</b>	24VDC	24VDC
<b>Power:</b>	14.4W/meter	19.2W/meter
<b>LED Qty</b>	60pcs/m	120pcs/m
<b>CRI</b>	>90 or >95	
<b>CCT</b>	2700K, 3000K, 4000K, 6000K	
<b>Lumen per meter (lm/m)</b>	950-1100 lm/m (depends on CCT)	1500-1800 lm/m (depends on CCT)
<b>Unit cutting length</b>	Ask in detail	Ask in detail
<b>Waterproof grade</b>	IP20, IP44 or IP67	
<b>Bending</b>	Horizontal bend	
<b>PCB width</b>	10mm	
<b>Roll:</b>	5 meter	

	CRI>90		CRI>95		
<b>Model:</b>	FL-SMD3528-XXW-CCT-90-IP		FL-SMD3528-XXW-CCT-95-IP		
<b>Input:</b>	24VDC	24VDC	24VDC	24VDV	24VDC
<b>Power:</b>	4.8W/meter	9.6W/meter	7.2W/meter	9.4W/meter	14.4W/meter
<b>LED Qty</b>	60pcs/m	120pcs/m	60pcs/meter	78pcs/meter	120pcs/meter
<b>CRI</b>	>90		>95		
<b>CCT</b>	2700K, 3000K, 4000K, 6000K		2700K, 3000K, 4000K, 6000K		
<b>Lumen per meter (lm/m)</b>	400-480 lm/m (depends on CCT)	800-960 lm/m (depends on CCT)	450-600 lm/m (depends on CCT)	650-800 lm/m (depends on CCT)	900-1200 lm/m (depends on CCT)
<b>Unit cutting length</b>	Ask in detail	Ask in detail	Ask in detail	Ask in detail	Ask in detail
<b>Waterproof grade</b>	IP20, IP44 or IP67		IP20, IP44 or IP67		
<b>Bending</b>	Horizontal bend		Horizontal bend		
<b>PCB width</b>	8mm		8mm		
<b>Roll:</b>	5 meter		5 meter		

**\*\*RGBW, Tunable white version is available\*\***

**\*\*Single colour version is available\*\***

**\*\*The specification is subject to change without note.\*\***

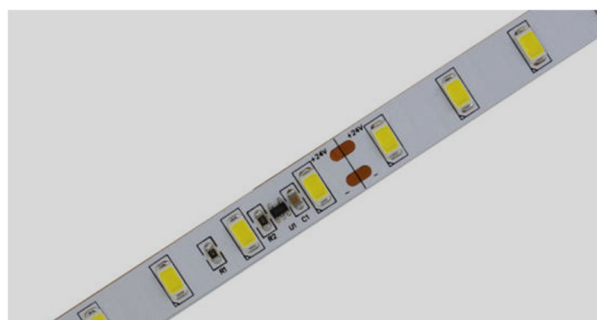
## CRI 90 or CRI 95 SMD 5630 Flexible LED Strip (Constant current type)

**HIGHLIGHT FEATURE:**

- Embedded constant current regulation
- Consistency brightness in each LED
- Wide input voltage range 21-30Vdc



Build in Constant current regulation IC



Model:	FL-SMD5630-XXW-CCT-CRI-IP	
Input:	Normal 24VDC	Normal 24VDC
Power:	15W/meter	22W/meter
LED Qty	70pcs/m	126pcs/m
CRI	>90 or >95	
CCT	2700K, 3000K, 4000K, 6000K	
Lumen per meter (lm/m)	1400-1750 lm/m (depends on CCT)	2200-2500 lm/m (depends on CCT)
Unit cutting length	Ask in detail	Ask in detail
Waterproof grade	IP20, IP44 or IP67	
Bending	Horizontal bend	
PCB width	10mm	12mm
Roll:	5 meter	

**\*\*RGBW, Tunable white version is available\*\***

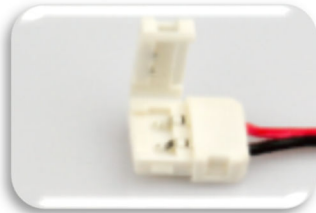
**\*\*Single colour version is available\*\***

**\*\*The specification is subject to change without note.\*\***

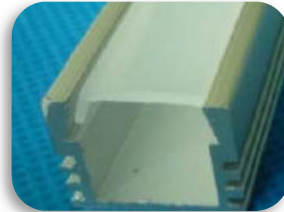
## **FLEXIBLE LED STRIP ACCESSORIES**



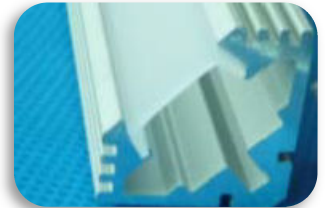
Connector



Connector with cable



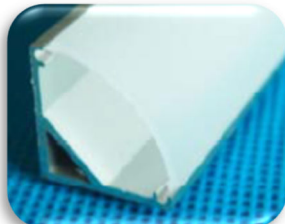
Aluminium Profile



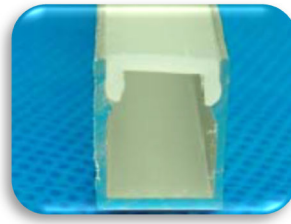
Aluminium Profile



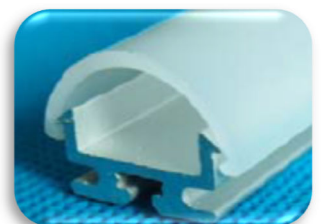
Aluminium Profile



Aluminium Profile



Aluminium Profile



Aluminium Profile

**\*\*RGBW, Tunable white version is available\*\***

**\*\*Other shape of aluminium profile per request, please ask sale in detail\*\***

**\*\*The specification is subject to change without note.\*\***

## **PRODUCT OUTLOOK**

### **TO CUSTOMER**

#### **BESPOKE SOLUTION FROM LITESYN**

- We can provide different CCT with single BIN.
- Pre-cut and pre-assembly services to save the installation period.
- We can offer different power rating to comply the power density regulation.
- Provide full set flexible LED Strip solution with LED power supply, dimming system and Aluminium profile.

## **NEON LED STRIP**

### **HIGHLIGHT FEATURE:**

- Seamless and uniform light output, dot free
- Bendable at either Horizontal or vertical direction.
- IP67 Protection
- Robust housing with high quality silicon, UV proof and salt/alkali resistance for true outdoor application
- Easy installation with clips and bendable track
- Cut-able for flexible application
- Low voltage drive at 24V constant voltage
- 2 years Warranty

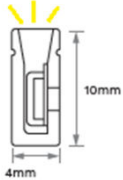


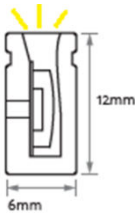
### **APPLICATION**

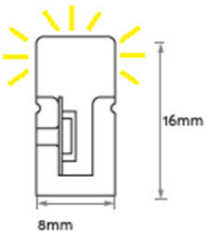
- Cove lighting
- Architectural lights for canopy, corridor, window, archway.
- Backlight or edge lighting for signage
- Path and contour marking
- Decorative lights for holiday, event, show and exhibition
- Suitable for outdoor use

## NEON LED STRIP PRODUCT LIST (HORIZONTAL BEND)



<b>Model:</b>	NEON-0410-HB-9.6W-XXXX	<b>Dimension</b> 
<b>Input:</b>	24VDC	
<b>Power:</b>	9.6W/meter	
<b>LED Qty</b>	144	
<b>CRI</b>	>90	
<b>CCT</b>	2700K, 3000K, 4000K, 6000K	
<b>Lumen per meter</b>	130-160 lm/m (depends on CCT)	
<b>Unit cutting length</b>	41.7mm	
<b>Waterproof grade</b>	IP67	
<b>Bending</b>	Horizontal bend	
<b>Minimum bend diameter</b>	60mm	
<b>Roll:</b>	5 meter	

<b>Dimension</b> 	<b>Model:</b>	NEON-0612-HB-10W-XXXX
	<b>Input:</b>	24VDC
	<b>Power:</b>	10W/meter
	<b>LED Qty</b>	120
	<b>CRI</b>	>90
	<b>CCT</b>	2700K, 3000K, 4000K, 6000K
	<b>Lumen per meter</b>	250-280 lm/m (depends on CCT)
	<b>Unit cutting length</b>	50mm
	<b>Waterproof grade</b>	IP67
	<b>Bending</b>	Horizontal bend
<b>Minimum bend diameter</b>	60mm	
<b>Roll:</b>	5 meter	

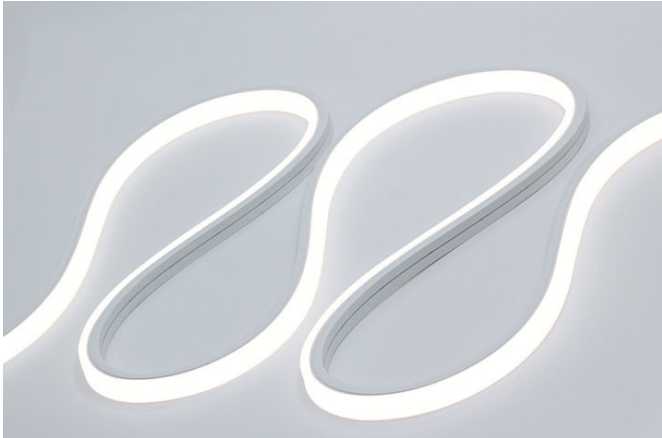
<b>Model:</b>	NEON-0816-HB-9.6W-XXXX	<b>Dimension</b> 
<b>Input:</b>	24VDC	
<b>Power:</b>	12W/meter	
<b>LED Qty</b>	120	
<b>CRI</b>	>90	
<b>CCT</b>	2700K, 3000K, 4000K, 6000K	
<b>Lumen per meter</b>	380-420 lm/m (depends on CCT)	
<b>Unit cutting length</b>	41.7mm	
<b>Waterproof grade</b>	IP67	
<b>Bending</b>	Horizontal bend	
<b>Minimum bend diameter</b>	60mm	
<b>Roll:</b>	5 meter	

**\*\*RGBW, Tunable white version is available\*\***

**\*\*Single colour version is available\*\***

**\*\*The specification is subject to change without note.\*\***

## NEON LED STRIP PRODUCT LIST (VERTICAL BEND)



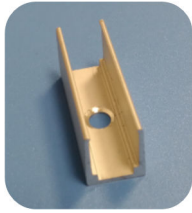
<b>Model:</b>	<b>NEON-1307-VB-18W-XXXX</b>	
<b>Input:</b>	<b>24VDC</b>	
<b>Power:</b>	<b>18W/meter</b>	<b>Dimension</b>
<b>LED Qty</b>	<b>210</b>	
<b>CRI</b>	<b>&gt;90</b>	
<b>CCT</b>	<b>2700K, 3000K, 4000K, 6000K</b>	
<b>Lumen per meter</b>	<b>1550-1700 lm/m (depends on CCT)</b>	
<b>Unit cutting length</b>	<b>33.3mm</b>	
<b>Waterproof grade</b>	<b>IP67</b>	
<b>Bending</b>	<b>vertical bend</b>	
<b>Minimum bend diameter</b>	<b>80mm</b>	
<b>Roll:</b>	<b>5 meter</b>	

	<b>Model:</b>	<b>NEON-1010-VB-14W-XXXX</b>
<b>Dimension</b>	<b>Input:</b>	<b>24VDC</b>
	<b>Power:</b>	<b>14W/meter</b>
	<b>LED Qty</b>	<b>180</b>
	<b>CRI</b>	<b>&gt;90</b>
	<b>CCT</b>	<b>2700K, 3000K, 4000K, 6000K</b>
	<b>Lumen per meter</b>	<b>1000-1180lm/m (depends on CCT)</b>
	<b>Unit cutting length</b>	<b>33mm</b>
	<b>Waterproof grade</b>	<b>IP67</b>
	<b>Bending</b>	<b>Horizontal bend</b>
	<b>Minimum bend diameter</b>	<b>60mm</b>
	<b>Roll:</b>	<b>5 meter</b>

**\*\*RGBW, Tunable white version is available\*\***  
**\*\*Single colour version is available\*\***  
**\*\*The specification is subject to change without note.\*\***



## NEON LED STRIP ACCESSORIES



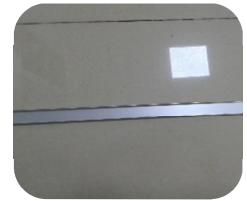
Clip



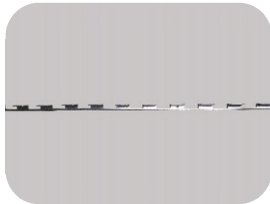
Connector



Connector



Profile



Flexible track



End cap

**\*\*RGBW, Tunable white version is available\*\***  
**\*\*Single colour version is available\*\***  
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### REMARK:

#### TO CUSTOMER

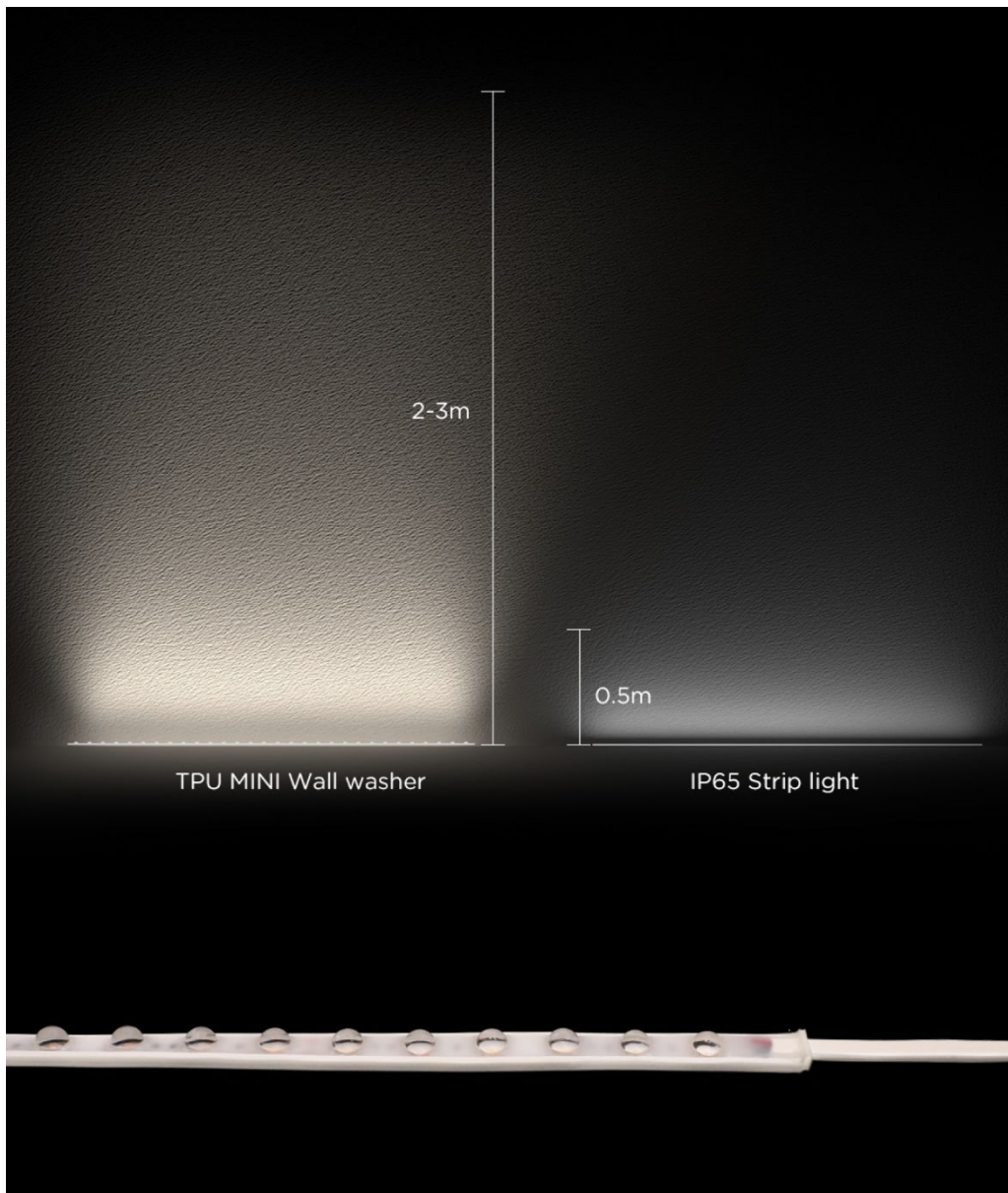
#### BESPOKE SOLUTION FROM LITESYN

- We can provide different CCT with single BIN.
- Pre-cut and pre-assembly services to save the installation period.
- We can offer different power rating to comply the power density regulation.
- Provide full set Neon LED Strip solution with LED power supply, dimming system and Aluminium profile.

## FLEXIBLE MINI WALL WASHER

### HIGHLIGHT FEATURE:

- Wash wall height up to 2-3 meter with uniform distribution.
- Optical lens design
- Bendable at vertical direction.
- IP67 Protection
- Robust housing with high quality silicon, UV proof and salt/alkali resistance for true outdoor application
- Easy installation with clips and bendable track
- Cut-able for flexible application
- Low voltage drive at 24V constant voltage
- 2 years Warranty



### APPLICATION

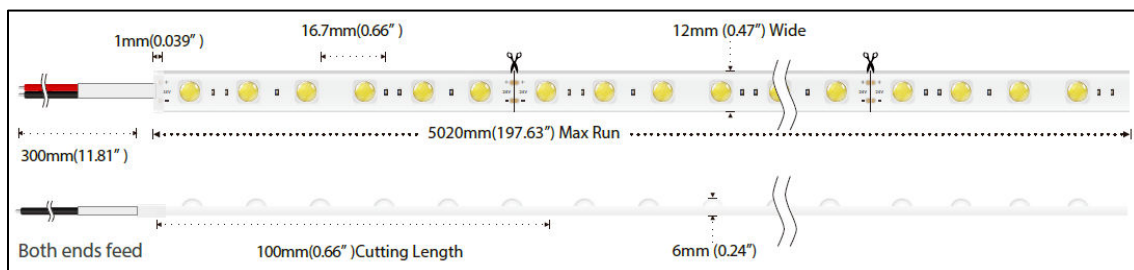
- High light the wall feature
- Architectural lights for canopy, corridor, window, archway.
- Path and contour marking
- Decorative lights for holiday, event, show and exhibition

## FLEXIBLE MINI WALL WASHER (VERTICAL BEND)



<b>Model:</b>	TPUWW-14.4W-60-XX-XXXX
<b>Input:</b>	24VDC
<b>Power:</b>	14.4W/meter
<b>LED Qty</b>	60 pcs/meter
<b>CRI</b>	>90
<b>CCT</b>	2700K, 3000K, 4000K, 5000K
<b>Lumen per meter</b>	840-930 lm/m (depends on CCT)
<b>Len angle</b>	30° / 60°
<b>Unit cutting length</b>	100mm
<b>Waterproof grade</b>	IP67
<b>Bending</b>	Vertical bend
<b>Operation temperature</b>	-25-60°C
<b>Max. bending</b>	Radius 50mm
<b>Roll:</b>	5 meter

### DIMENSION



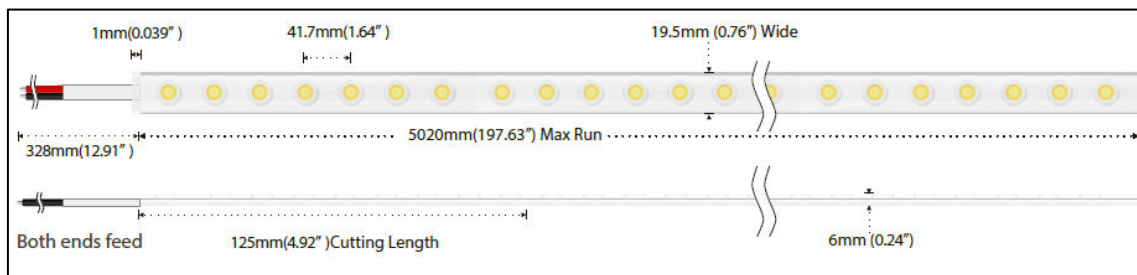
**\*\*RGB and single color version are available\*\***  
**\*\*The specification is subject to change without note.\*\***

## FLEXIBLE MINI WALL WASHER (VERTICAL BEND)



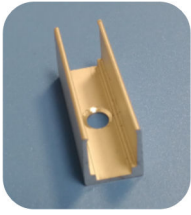
<b>Model:</b>	TPUWW-18W-24-XX-XXXX
<b>Input:</b>	24VDC
<b>Power:</b>	18W/meter
<b>LED Qty</b>	24 pcs/meter
<b>CRI</b>	>80
<b>CCT</b>	2700K, 3000K, 4000K, 5000K
<b>Lumen per meter</b>	1600- 1850 lm/m (depends on CCT)
<b>Len angle</b>	15°/25°/45°/60°/20x45°
<b>Unit cutting length</b>	125mm
<b>Waterproof grade</b>	IP67
<b>Bending</b>	Vertical bend
<b>Operation temperature</b>	-25-60°C
<b>Max. bending</b>	Radius 50mm
<b>Roll:</b>	5 meter

### DIMENSION

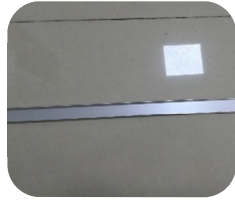


**\*\*RGB and single color version are available\*\***  
**\*\*The specification is subject to change without note.\*\***

## ***FLEXIBLE MINI WALL WASHER ACCESSORIES***



Clip



Profile

***REMARK:***