

# Product Specification

## Flexible LED Strip Sun spectrum Series

3030 Top LED 10mm FPC 140LEDs/M 9.6W/M

WW-FLS102T37XX140B-24(WCP)-SU



HK Office :

Unit 1901, 19th Floor, NanYang Plaza, No. 57 Hung To Road  
Kwun Tong, Kowloon, Hong Kong

China Factory :

Zhiyang Science and Technology Park, 10 Zhiyang Road, Zhangge,  
Fucheng Street, Longhua District, Shenzhen, Guangdong, China

Tel : (852) 3152 3059 (10 lines)

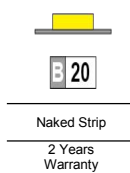
Fax : (852) 3152 3039



Tel : (86) 755 8601 9190

Fax : (86) 755 8601 9197

<b>WW-FLS102T37XX140B-24(WCP)-SU</b>	
<p><b>Product Features</b></p> <ul style="list-style-type: none"> <li>● High quality FPC, authentic 3M tape;</li> <li>● Self-encapsulated design offer five optional white light from 2600-5300K;</li> <li>● Light source lifetime: 50K hours (L70);</li> </ul>	
	<p>DC24V</p> 



## Specification Parameter

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>● Max.Current (A): 24V 0.4A/M;</li> <li>● Max.Power (W): 24V 9.6W/M;</li> <li>● Max.length(M) : 24V 5M;</li> </ul> | <ul style="list-style-type: none"> <li>● Typ.Current (A): 24V 0.36A/M; ( ±10% )</li> <li>● Typ.Power (W): 24V 8.73W/M; ( ±10% )</li> <li>● Min. Bending Diameter : Φ60mm;</li> </ul> |
|---|--|

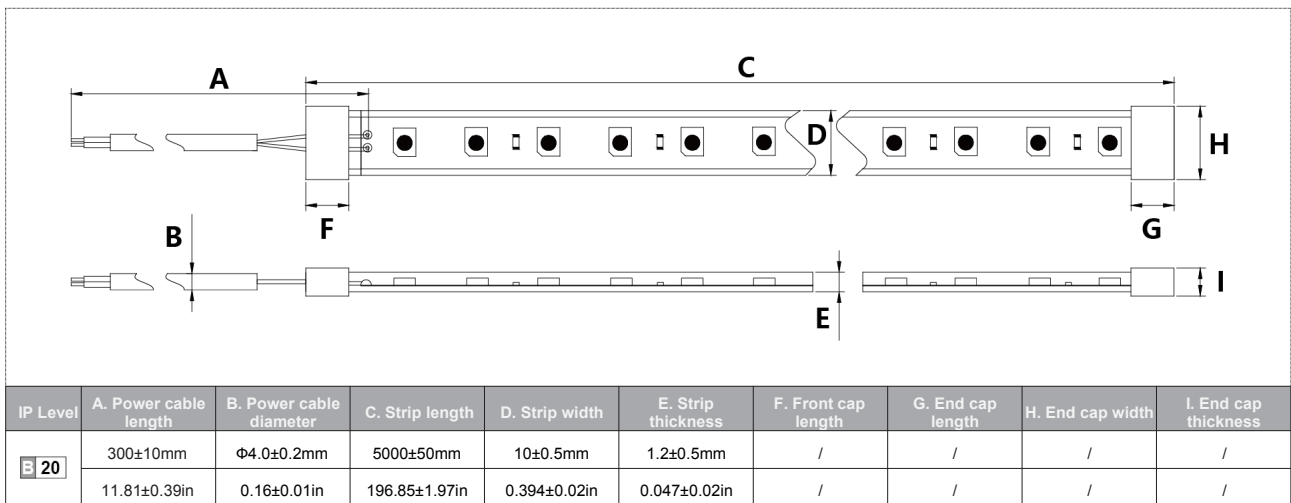
## Technical Parameters

IP Level	Model no.	CRI (Ra)	Rf	Rg	Color	LED Color Temp.(K) Wavelength(nm)**	3SDCM LED Color Temp.(K) Wavelength(nm)**	Typ.Luminous Flux LM / M(39.37in)	Rate voltage
E 20	WW-FLS102T37WW140B-24(WCP)-SU	98 ± 2	95	102	Warm White	2600-2900K	/	800	24V
	WW-FLS102T37WW140B-24(WCP)-SU				Warm White	2900-3200K	/	800	
	WW-FLS102T37NW140B-24(WCP)-SU				Natural White	3700-4250K	/	800	
	WW-FLS102T37SW140B-24(WCP)-SU				Standard White	4700-5300K	/	800	

**Remarks :**

- \*Indicates SDCM<3 model is available, part number will add the suffix "-3S".
- \*\* The above color temperature is the color temperature of LED source.
- The lumen value tolerance range is ±10% (subject to the manufacturer's instrument test).

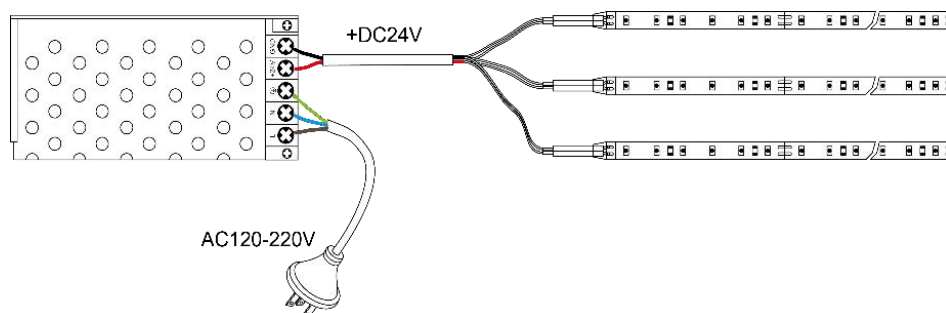
**Dimension Drawing**





**Remarks :**

- If you need further information, please contact our sales account manager..

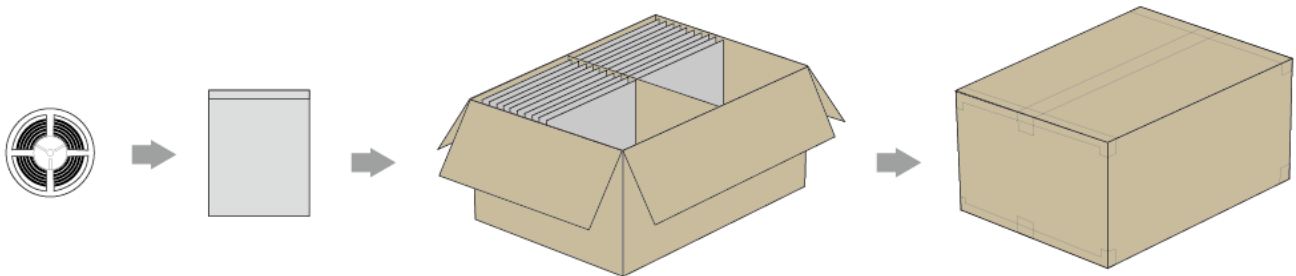
**Circuit Diagram**



**Optional Accessories**

IP Level	Category	Description	Picture	Part No.	Density
<b>B 20</b>	Strip to wire Connector	2PIN Strip to wire Connector		WW-FLS102BPOP-10(10mm)	≤240LEDs/M
	Strip to wire Connector	2PIN Strip to strip Connector		WW-FLS102BPWP-10(10mm)	≤240LEDs/M

## Packaging Diagram













## Packaging Information

















Ingress protection rating	Bag size	Inner carton		Outer carton		N.W	G.W	Outer carton volume
		Size	Reel/ctn	Size	Reel/ctn			
IP20	250*270*0.14mm	/	/	440*400 *260mm	50	4.2KG ±10%	9.59 KG ±10%	0.05m³
	9.84*10.63*0.0056 in	/	/	17.32*15.75 *10.24 in	50	9.25 Lbs ±10%	21.14Lbs ±10%	1.62ft³

**Remarks :**

- Please contact our sales account manager for customized package (color box, blister etc.)

 **Cautions**

IP20	IP54	IP65	IP67	IP68
				
Do not press the surface of LED	Pay attention to high temperature environment	Do not use in strong water waves environment	Resist strong water waves impact	Can apply to underwater do not deeper than 1m
				
Pay attention to damp-proof and dustproof	Do not apply to rainy environment	Can be applied to rainy environment	Do not apply to underwater environment for a long time	No direct sunlight

							
Do not tie a knot	Do not winding	Do not twist	Do not cut when it is working	Recommended the continuous working time do not exceed 12 hours daily	-20°C~+45°C (-4°F~+113°F)	0°C~+60°C (32°F~+140°F)	Operated by professionals
							
Pay attention to the application environment	IP Level will change after cutting	Do not pull and crash	Connected to power supply every 5 meters	Power supply must be connected to ground(GND)	The minimum bending diameter > 60mm	Power supply retain > 20%	Note the positive and negative poles



For cutting LED strip operation, it is necessary to use the standard accessories provided by Dilux (e.g. DC wire, end-cap, front-cap, adhesive, etc.), and according to the correct cutting and connecting method for the installation.



For avoiding LED get vulcanized, LED strip should be installed in the environment where does not has oil and corrosive substances. Such as these substances which contain Sulphur, Bromine, Iodine and Chlorine. Some other chemical elements which will cause Aromatic hydrocarbons releasing(such as: methylbenzene, xylene, methyl acetoacetate Ethyl acetate etc.),The environment in which includes strong acid and strong base.



During the warranty period, only defective products are acceptable to be replaced by the factory. Factory is not responsible for other expenses because of replacement, such as transportation fee, installation fee, etc..

**\*\* If you do not follow the above "Cautions" to operate and result in damaging the product, the factory will not accept maintenance and return.**  
**\*\*The right of final interpretation is owned by Dilux.**