

# Product Specification

## Flexible LED Strip

### LLD Series

5050RGB Top LED 10mm FPC 60LEDs/M

WW-FLS103T50FC060X-24(WCP)-LLD



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

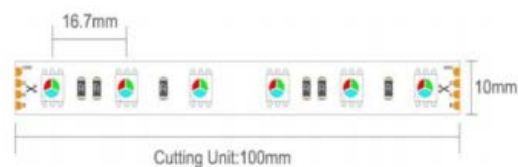
**WW-FLS103T50FC060X-24(WCP)-LLD**

**Product Features**

- High quality FPC, Yellow tape;
- Self-encapsulated design RGB Tricolor Light;
- Light source lifetime: 10K hours (L70);



DC24V



Naked Strip  
1 Years  
Warranty



Silicone Tube  
1 Years  
Warranty

**Specification**

- Max. Current(A) : 24V 0.655A/M;
- Max. Power(W): 24V 15.72W/M;
- Max.length(M): 24V 5M

- Typ. Current: 24V 0.492A/M (±20%) ,
- Typ. Power : 24V 13.1W/M (±20%) .
- Min. Bending Diameter: Φ60mm

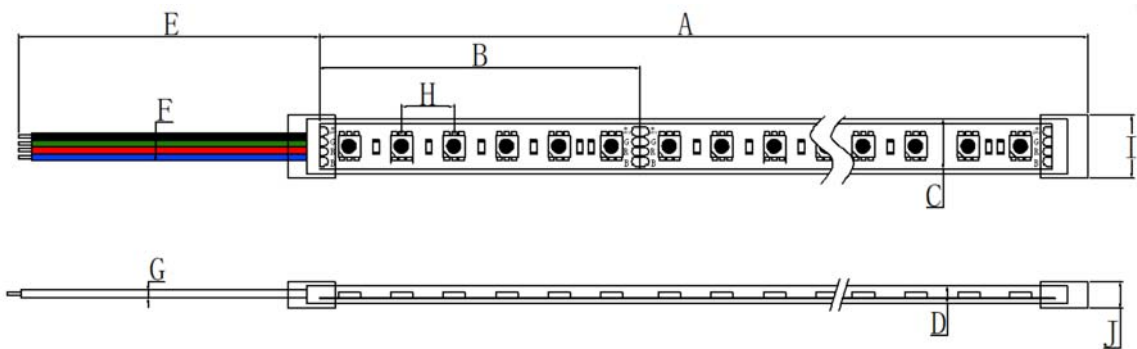
## Technical Parameters

IP Grade	Model no.	CRI (Ra)	Rf	Rg	Color	LED Color Temp.(K) Wavelength(nm)*	3SDCM LED Color Temp.(K) Wavelength(nm)*	Declared Luminous Flux LM / M(39.37in)	Rate voltage
<b>E 20</b>	WW-FLS103T50FC060B-24(WCP)-LLD	/	/	/	Red	618~625nm	/	33	24V
					Green	510~520nm	/	125	
					Blue	460~470nm	/	30	
					RGB	/	/	188	
<b>F 65</b>	WW-FLS103T50FC060F-24(WCP)-LLD	/	/	/	Red	618~625nm	/	30	24V
					Green	510~520nm	/	120	
					Blue	460~470nm	/	28	
					RGB	/	/	180	

### Remarks :

- The above color temperature is the color temperature of LED source.
- The lumen value tolerance range is  $\pm 20\%$  (subject to the manufacturer's instrument test).

## Dimension Drawing

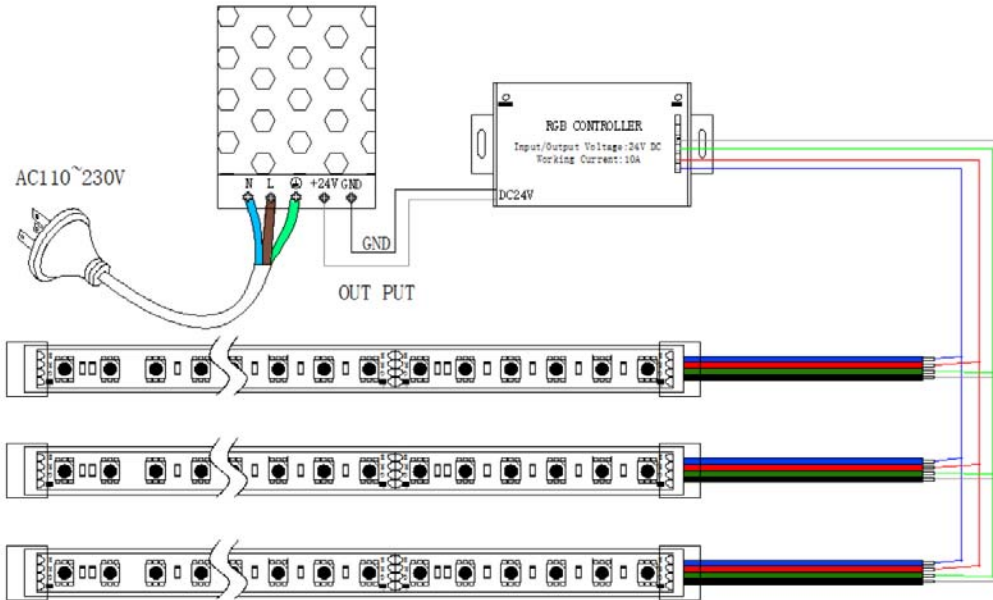


IP Grade	A Strip length	B Cutting unit length	C Strip width	D Strip thickness	E Cable length	F Cable Width	G Cable Thickness	I Cap width	J Cap thickness
<b>E 20</b>	5000±50mm	100±0.2mm	10±0.5mm	1.7±0.5mm	150±10mm	6.3±0.2mm	1.7±0.2mm	/	/
	196.85±1.97in	3.94±0.01in	0.394±0.02in	0.067±0.02in	5.91±0.39in	0.248±0.01in	0.669±0.01in	/	/
<b>F 65</b>	5000±50mm	100±0.2mm	12.4±0.5mm	4.0±0.5mm	150±10mm	6.3±0.2mm	1.7±0.2mm	14.3±0.5mm	6.0±0.5mm
	196.85±1.97in	3.94±0.01in	0.487±0.02in	0.157±0.02in	5.91±0.39in	0.248±0.01in	0.669±0.01in	0.56±0.02in	0.24±0.02in

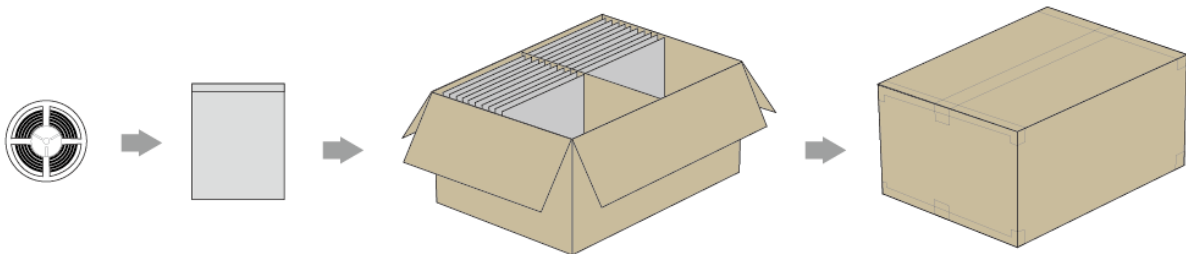
### Remarks :

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

## Circuit Diagram



## Packaging Diagram













## Packaging Information


IP Grade	Bag size	Inner carton		Outer carton		N.W	G.W	Outer carton volume
		Size	Reel/ctn	Size	Reel/ctn			
B 20	190*160*0.14mm	/	/	510*290 *230mm	100	8KG±10%	9.5KG±10%	0.034m³
	7.48*6.3*0.0055 in	/	/	20.08*11.42*9.06 in	100	17.64Lbs±10%	20.94Lbs±10%	1.19ft³
F 65	230*240*0.14mm	/	/	460*420*265mm	60	14 KG±10%	15.5 KG±10%	0.051 m³
	9.06*6.30*0.0055 in	/	/	18.11*16.54*10.43 in	60	30.86 Lbs±10%	34.17 Lbs±10%	1.80 ft³


### 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.**