

Product Specification

Flexible LED Strip

Ultra-Long Constant Current Series

2835 Top LED 10mm FPC 60LEDs/M 4.32W/M

WW-FLS102T23XX060B-24(WCP)-5000-XX -IC



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)7558601 9190



Fax : (86)7558601 9197

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Product Features

- High quality FPC, authentic 3M tape;
- Self-encapsulated design offer five optional white light from 2300-6500K;
- Light source lifetime: 50K hours (L70);



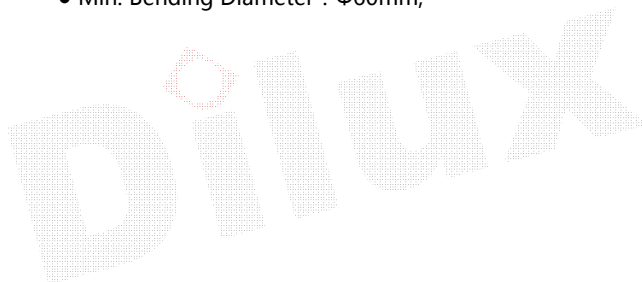
DC24V



		
E 20	R 67	RW 67
Naked Strip	Silicone Extrusion	Silicone Extrusion
5 Years Warranty	5 Years Warranty	5 Years Warranty

Specification Parameter

- Typ.Current (A): 24V 0.18A/M; (±10%)
- Typ.Power (W): 24V 4.32W/M; (±10%)
- Max.length(M) : 24V 25M;
- Min. Bending Diameter : Φ60mm;



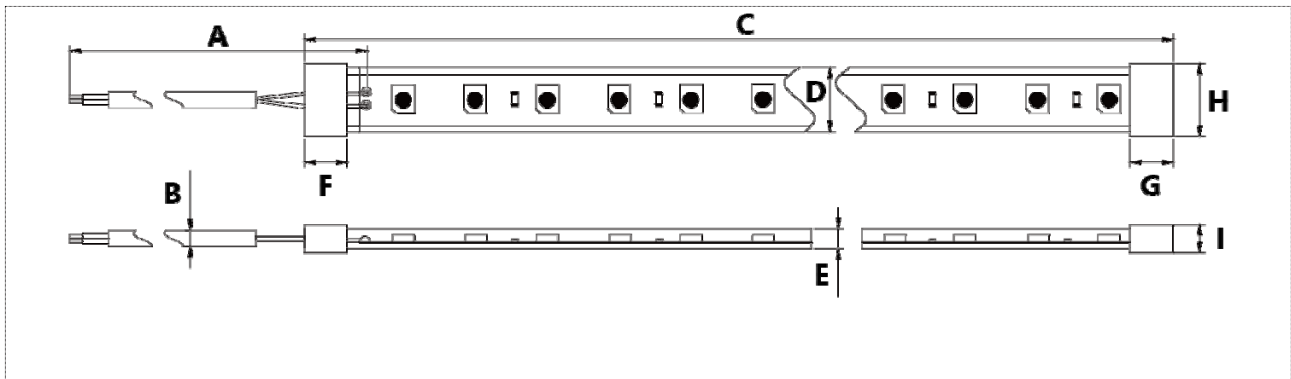
Technical Parameters

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-FLS102T23WW060B-24(WCP)-5000-HR -IC	≥80	82	96	Warm White	2300-2600K	/	400	24V
	Warm White				2600-2900K	2650-2770K	409		
	Warm White				2900-3200K	2960-3110K	420		
	Natural White				3700-4250K	3840-4080K	464		
	WW-FLS102T23SW060B-24(WCP)-5000-HR -IC	≥90	90	100	Standard White	5700-6500K	/	464	
	Warm White				2600-2900K	2650-2770K	310		
	Warm White				2900-3200K	2960-3110K	327		
	Natural White				3700-4250K	3840-4080K	350		
R 67	WW-FLS102T23WW060R-24(WCP)-5000-HR -IC	≥80	82	96	Warm White	2300-2600K	/	372	
	Warm White				2600-2900K	2650-2770K	376		
	Warm White				2900-3200K	2960-3110K	386		
	Natural White				3700-4250K	3840-4080K	427		
	WW-FLS102T23SW060R-24(WCP)-5000-HR -IC	≥90	90	100	Standard White	5700-6500K	/	422	
	Warm White				2600-2900K	2650-2770K	307		
	Warm White				2900-3200K	2960-3110K	307		
	Natural White				3700-4250K	3840-4080K	322		
RW 67	WW-FLS102T23WW060R-24(WCP)-5000-HR -IC-W	≥80	82	96	Warm White	2300-2600K	/	372	
	Warm White				2600-2900K	2650-2770K	376		
	Warm White				2900-3200K	2960-3110K	386		
	Natural White				3700-4250K	3840-4080K	427		
	WW-FLS102T23SW060R-24(WCP)-5000-HR -IC-W	≥90	90	100	Standard White	5700-6500K	/	422	
	Warm White				2600-2900K	2650-2770K	307		
	Warm White				2900-3200K	2960-3110K	307		
	Natural White				3700-4250K	3840-4080K	322		

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

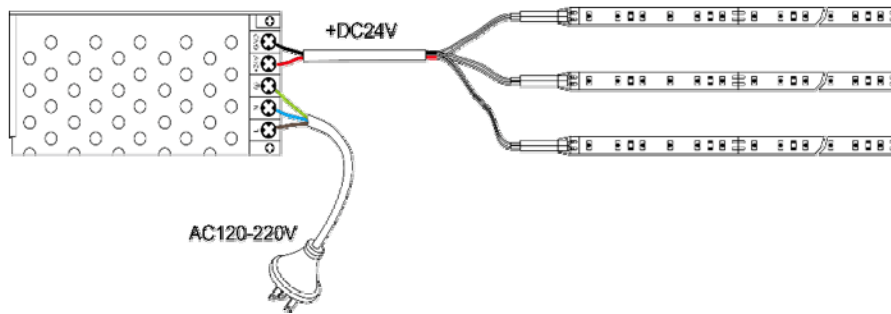


IP Level	A. Power cable length	B. Power cable diameter	C. Strip length	D. Strip width	E. Strip thickness	F. Front cap length	G. End cap length	H. End cap width	I. End cap thickness
E 20	300±10mm	Φ6.0±0.2mm	5000±50mm	10±0.5mm	1.2±0.5mm	/	/	/	/
	11.81±0.39in	0.24±0.01in	1968.5±1.97in	0.39±0.02in	0.047±0.02in	/	/	/	/
R 67	300±10mm	Φ5.8±0.2mm	50020±50mm	12±0.5mm	4.5±0.5mm	30±0.5mm	10±0.5mm	14±0.5mm	7.0±0.5mm
	11.81±0.39in	0.23±0.008 in	1969.3±1.97in	0.47±0.02in	0.18±0.02in	1.18±0.02in	0.39±0.02in	0.55±0.02in	0.28±0.02in
RW 67	300±10mm	Φ5.8±0.2mm	50020±50mm	12±0.5mm	4.5±0.5mm	30±0.5mm	10±0.5mm	14±0.5mm	7.0±0.5mm
	11.81±0.39in	0.23±0.008 in	1969.3±1.97in	0.47±0.02in	0.18±0.02in	1.18±0.02in	0.39±0.02in	0.55±0.02in	0.28±0.02in





Remarks :

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

Circuit Diagram



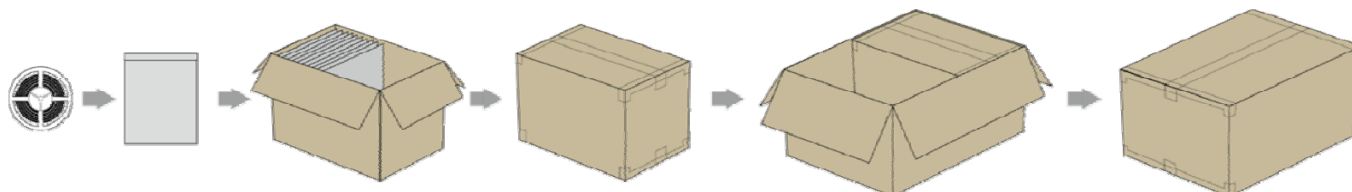
Standard Accessories

IP Level	Category	Description	Picture	Part No.	Application
B 20	/	/	/	/	/
	/	/	/	/	/
R 67	Connection Accessories	Front cap+End cap+Cable		WW-FLS102F-CW (12mm)	10mm Type R
	Installation Accessories	Installation Buckle+Screws		WW-FLS102JJA-MC	Waterproof strip
RW 67	Connection Accessories	Front cap+End cap+Cable		WW-FLS102F-CW (12mm)	10mm Type RW
	Installation Accessories	Installation Buckle+Screws		WW-FLS102JJA-MC	Waterproof strip

Optional Accessories

IP Level	Category	Description	Picture	Part No.	Density
B 20	Strip to wire Connector	2PIN Strip to wire Connector		WW-FLS102B-FS2 (10mm)	≤120LEDs/M
	Strip to wire Connector	2PIN Strip to wire Connector		WW-MLB-00SE2XB-10	≤120LEDs/M
	Strip to wire Connector	2PIN Strip to wire Connector		WW-F2B-PWP2T-10	≤120LEDs/M
	Strip to strip Connector	2PIN Strip to strip Connector		WW-FLS102B-DD2(10MM)	≤120LEDs/M
	Strip to strip Connector	2PIN Strip to strip Connector		FLS102B-2FD2(10mm)	≤120LEDs/M
	Strip to strip Connector	2PIN Strip to strip Connector		WW-MLB-00SE2BB-10	≤120LEDs/M
	Strip to strip Connector	2PIN Strip to strip Connector		WW-F2B-POP2T-10	≤120LEDs/M
R 67	Strip to wire Connector	2PIN Strip to wire Connector		WW-F2R-SW02T-08-300(22)	≤120LEDs/M
	Strip to strip Connector	2PIN Strip to strip Connector		WW-F2R-SOP2T-10	≤120LEDs/M
RW 67	Strip to wire Connector	2PIN Strip to wire Connector		WW-F2R-SW02T-10-300(22)	≤120LEDs/M
	Strip to strip Connector	2PIN Strip to strip Connector		WW-F2R-SOP2T-10	≤120LEDs/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			
B 20	220*250*0.14mm	380*210 *240mm	30	440*400 *260mm	60	4.20KG ±10%	8.53 KG ±10%	0.05m³
	8.66*9.84*0.006 in	14.96*8.27*9.45 in	30	17.32*15.75 *10.24 in	60	9.26 Lbs ±10%	18.81Lbs ±10%	1.62ft³
R 67	/	345*330*122mm	1	362*265*350MM	2	6.19 KG ±10%	10.08 KG ±10%	0.03 m3
	/	13.58*12.99*4.8in	1	14.25*10.43*13.78 in	2	13.65Lbs ±10%	22.22 Lbs ±10%	1.2 ft3
RW 67	/	345*330*122mm	1	362*265*350MM	2	6.19 KG ±10%	10.08 KG ±10%	0.03 m3
	/	13.58*12.99*4.8in	1	14.25*10.43*13.78 in	2	13.65Lbs ±10%	22.22 Lbs ±10%	1.2 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	 Operating temperature -20°C--+45°C (4°F~+113°F)	 Storage temperature 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	 5M Connected to power supply every 5 meters	 GND Power supply must be connected to ground(GND)	 > 60mm 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.