



Product Specification

Easy Set Strip

White Color(RF) Series

8mm FPC COB White Color 480LEDs/M IP20/IP65 Flexible LED Strip

WW-FLS102T88XW480X-24(WCP)-10-UR-EP-LLD-EU(RF)(PS)

WW-FLS102T88XW480X-24(WCP)-30-UR-EP-LLD-EU(RF)(PS)

WW-FLS102T88XW480X-24(WCP)-UR-EP-LLD-EU(RF)(PS)



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WW-FLS102T88XW480X-24(WCP)-UR-EP-LLD-EU(RF)(PS)

Product Features

- Provide White Color effect ;
- Controlled by RF(433MHZ) controller ;
- Easy for DIY installation ;
- Light source lifetime :20000 hours (L70)

Technology info

- Lighting Technology: LED
- DLS or NDLS: NDLS
- MLS or NMLS: NMLS

Certification Standards

- EN55015
- EN61547
- EN60598-1
- EN60598-2-20
- EN62493



Led Strip





Led Strip& RF Controller & Led Adapter



Package

The package picture is for reference only, the goods are subject to the customer's final packing drawing

Waterproof Type	
	
Naked Strip	Silicone Tube
2 Years Warranty	2 Years Warranty

Technical Parameters

LED STRIP: WW-FLS102T88XW480X-24(WCP)-XX-UR-EP-LLD-EU(RF)(PS) for ERP

IP Grade	Model NO.	CRI (Ra)	Rf	Rg	Typical Power (W/M)	Max. Power (W/M)	Color	Color Temp.(K) Wavelength(nm)	Typ. Luminous Flux LM/M(39.37in)	Lumen/watt	Energy Efficiency class	Rated voltage
B 20	WW-FLS102T88XW480B-24(WCP)-10-UR-EP-LLD-EU(RF)(PS)	90	/	/	11.5	12.7	2700K	2700K	991	86	G	DC 24V
	WW-FLS102T88XW480B-24(WCP)-30-UR-EP-LLD-EU(RF)(PS)				11.5	12.7	3000K	3000K	1031	90	G	
	WW-FLS102T88XW480B-24(WCP)-UR-EP-LLD-EU(RF)(PS)				11.5	12.7	4000K	4000K	1120	97	F	
	WW-FLS102T88XW480B-24(WCP)-UR-EP-LLD-EU(RF)(PS)				11.5	12.7	6000K	6000K	1234	107	F	
F 65	WW-FLS102T88XW480F-24(WCP)-10-UR-EP-LLD-EU(RF)(PS)	90	/	/	11.5	12.7	2700K	2700K	938	82	G	DC 24V
	WW-FLS102T88XW480F-24(WCP)-30-UR-EP-LLD-EU(RF)(PS)				11.5	12.7	3000K	3000K	985	86	G	
	WW-FLS102T88XW480F-24(WCP)-UR-EP-LLD-EU(RF)(PS)				11.5	12.7	4000K	4000K	1082	94	F	
	WW-FLS102T88XW480F-24(WCP)-UR-EP-LLD-EU(RF)(PS)				11.5	12.7	6000K	6000K	1190	103	F	

Remarks:

- Test condition of above technical data:
- Surrounding temperature: 26 °C.
- Test after 10 mins turned on.

Note:

- According to the new ERP 2019/2020 regulation for each 0.5m or nearest 0.5m strip, the following requirements must be met:
- Measured power ≤ P_{on}+5%;
- Measured lumen ≥ Useful luminous flux -10%;
- Measured CRI ≥ Declared CRI-2
- The above technical data, including typical power are based on the test of 0.5m.

LED STRIP: WW-FLS102T88XW480X-24(WCP)-XX-UR-EP-LLD-EU(RF)(PS) for non ERP

IP Grade	Model NO.	CRI (Ra)	Rf	Rg	Typical Power (W/M)	Max. Power (W/M)	Color	Color Temp.(K) Wavelength(nm)	Typ. Luminous Flux LM/M(39.37in)	Lumen/watt	Energy Efficiency class	Rated voltage
B 20	WW-FLS102T88XW480B-24(WCP)-10-UR-EP-LLD-EU(RF)(PS)	90	/	/	11	12.1	2700K	2700K	968	88	/	DC 24V
	WW-FLS102T88XW480B-24(WCP)-30-UR-EP-LLD-EU(RF)(PS)				11	12.1	3000K	3000K	1007	92	/	
	WW-FLS102T88XW480B-24(WCP)-UR-EP-LLD-EU(RF)(PS)				11	12.1	4000K	4000K	1104	100	/	
	WW-FLS102T88XW480B-24(WCP)-UR-EP-LLD-EU(RF)(PS)				11	12.1	6000K	6000K	1208	110	/	
F 65	WW-FLS102T88XW480F-24(WCP)-10-UR-EP-LLD-EU(RF)(PS)	90	/	/	11	12.1	2700K	2700K	916	83	/	DC 24V
	WW-FLS102T88XW480F-24(WCP)-30-UR-EP-LLD-EU(RF)(PS)				11	12.1	3000K	3000K	953	87	/	
	WW-FLS102T88XW480F-24(WCP)-UR-EP-LLD-EU(RF)(PS)				11	12.1	4000K	4000K	1046	95	/	
	WW-FLS102T88XW480F-24(WCP)-UR-EP-LLD-EU(RF)(PS)				11	12.1	6000K	6000K	1148	104	/	

Remarks:

- The type.Luminous flux tolerance range is $\pm 10\%$ (subject to the manufacturer's instrument test).

Test condition of above technical data:

- Surrounding temperature: 26 °C.
- Test while turned on

RF Controller:

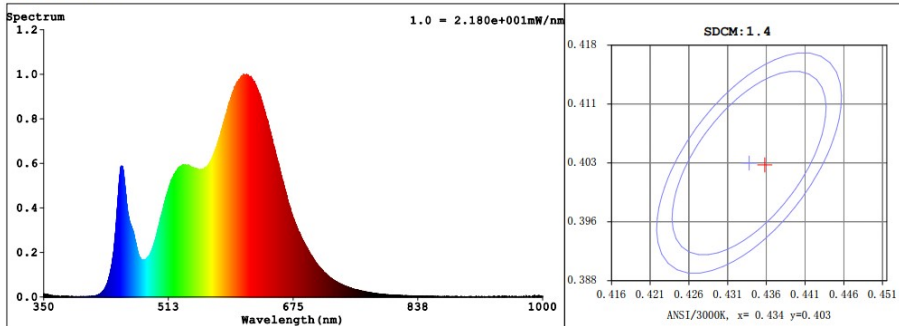
- Operating temperature: -20-60°C
- Power supply voltage:DC5-24V
- Functional modes: 8
- Output: 1CH
- DIMENSIONS: L35XW15XH4.5 MM
- Net weight: 35g
- Static power consumption: <0.5W
- Maximum load current: 6A per channel

Power Adapter: WW-DPF-060-24(EU)-XY

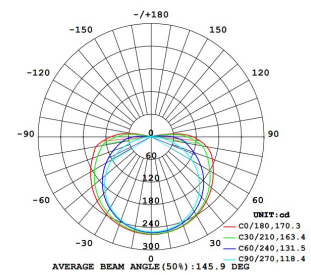
- Operating temperature: 0-40°C
- Input: 100-240AC 50/60HZ 1.5A Max
- Output: 24VDC 2.5A 60W
- Waterproof rating: IP20
- Certification: CE

Optical Test Drawing

Spectrum

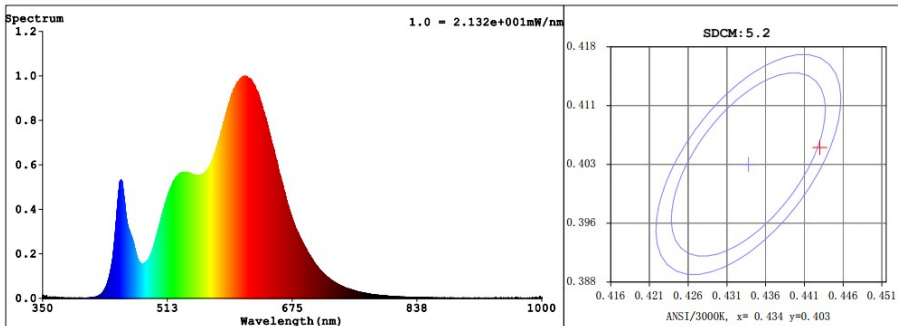


LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

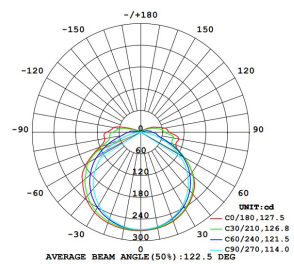


WW-FLS102T88WW480B-24(WCP)-UR-EP-LLD-EU(RF)(PS) 3000K

Spectrum

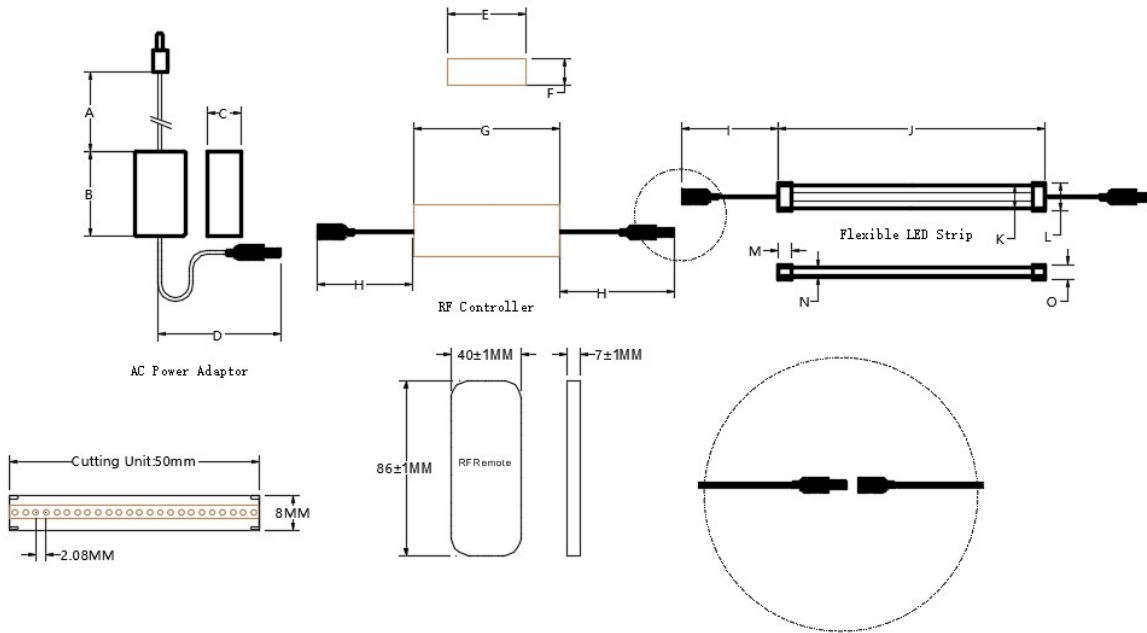


LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



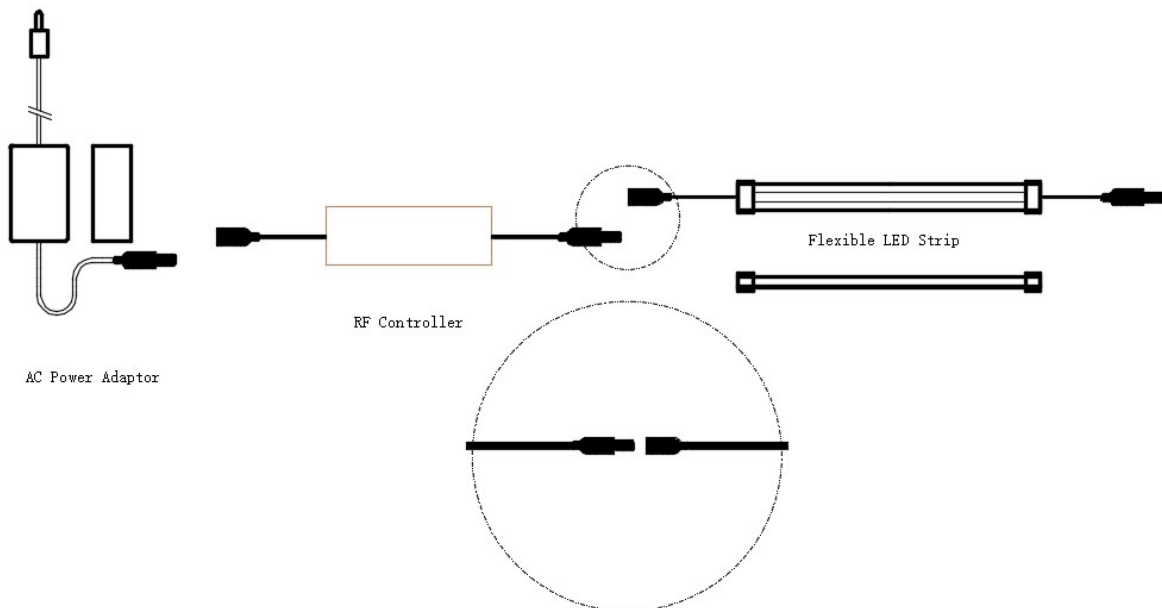
WW-FLS102T88WW480F-24(WCP)-UR-EP-LLD-EU(RF)(PS) 3000K

Dimension Drawing



Type	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
B	1500±50mm	108±1MM	45.5±1mm	1500±50mm	15±1mm	4.5±1mm	35±1mm	135±10mm	150±30mm	5000±10mm	8±0.2mm	/	/	2.1±0.2mm	/
	59.05±1.96in	4.25±0.03in	1.79±0.03in	59.05±1.96in	0.59±0.03in	0.18±0.03in	1.38±0.03in	5.3±0.39in	5.90±1.18in	96.85±0.39in	0.31±0.007in	/	/	0.08±0.007in	/
F	1500±50mm	108±1MM	45.5±1mm	1500±50mm	15±1mm	4.5±1mm	35±1mm	135±10mm	150±30mm	5000±10mm	10±0.2mm	12±1mm	11±1mm	4±1mm	6±1mm
	59.05±1.96in	4.25±0.03in	1.79±0.03in	59.05±1.96in	0.59±0.03in	0.18±0.03in	1.38±0.03in	5.3±0.39in	5.90±1.18in	96.85±0.39in	0.39±0.007in	0.47±0.03in	0.43±0.03in	0.15±0.03in	0.23±0.03in

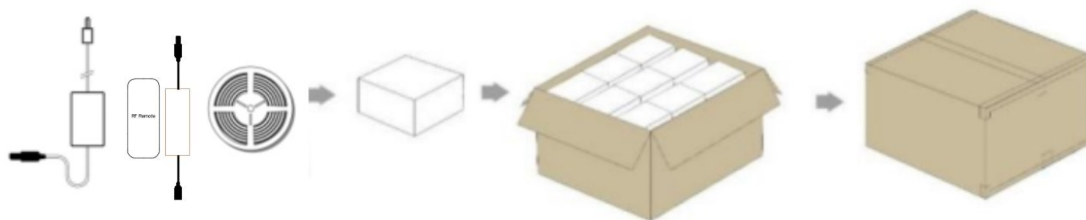
Circuit Diagram



Product Kit Details

IP Level	Category	Description	Product Photo	Qty
E 20	LED Strip	480LED/M, COB White Color , 8mm width, White FPC, L=5 /3/1 meters,3M double-sided adhesive tape, double-ended outlet, 11W/M		1 PCS
	Power Adapter	Input 100-240V~50/60Hz, Output 24V/2.5A, 1.5meter wire, White shell		1 PCS
	Controller	RF 433MHZ single color controller, white shell, instruction manual provided		1 SET
F 65	LED Strip	480LED/M, COB White Color , 8mm width, White FPC, L=5 /3/1 meters,3M double-sided adhesive tape, double-ended outlet, 11W/M		1 PCS
	Power Adapter	Input 100-240V~50/60Hz, Output 24V/2.5A, 1.5meter wire, White shell		1 PCS
	Controller	RF 433MHZ single color controller, white shell, instruction manual provided		1 SET

Packaging Diagram



Packaging Information

IP Rating	Color Box		Outer Carton		N.W	G.W	Outer carton volume Dimension
	Dimension	Reel/ctn	Dimension	Reel/ctn			
E 20	170*160*48mm	1	360*340*280mm	26	10.92KG ±10%	13.8 KG ±10%	0.034m³
	6.7*6.3*1.9 in	1	14.17*13.39 *11.02 in	26	24.07Lbs ±10%	30.42Lbs ±10%	1.2ft³
F 65	210*200*65mm	1	440*420*280mm	19	10.26KG ±10%	13.53KG ±10%	0.052m³
	8.3*7.9*2.6 in	1	17.32*16.54 *11.02 in	19	22.62 Lbs ±10%	29.83Lbs ±10%	1.84ft³

Remarks:

- The NW ,GW wight base on the 5M/Reel LED Strips
- Please contact our sales account manager for customized packaging (color box, accessories or wire length etc.)

 **Cautions**

IP20



Do not press the surface of LED



Pay attention to damp-proof and dustproof

IP65



Pay attention to high temperature environment



Do not apply to rainy environment



Do not tie a knot



Do not winding



Do not twist



Recommended the continuous working time do not exceed 12 hours daily



Operating temperature
-20°C ~ +25°C
(-4°F ~ +77°F)



Storage temperature
0°C ~ +60°C
(32°F ~ +140°F)



Pay attention to the application environment



IP Level will change after cutting



Do not pull and crash



Connected to power supply every 5 meters



The minimum bending diameter > 60mm



Note the positive and negative poles



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.