



Product Specification

Easy Set Strip

COB TW(IR) Series

10mm FPC COB TW 608LEDs/M IP20/IP65 Flexible LED Strip

WW-FLS102T83W-S608X-24(WCP)-10-UR-EP-LLD-EU(IR)(PS)

WW-FLS102T83W-S608X-24(WCP)-30-UR-EP-LLD-EU(IR)(PS)

WW-FLS102T83W-S608X-24(WCP)-UR-EP-LLD-EU(IR)(PS)



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WW-FLS102T83W-S608X-24(WCP)-UR-EP-LLD-EU(IR)(PS)

Product Features

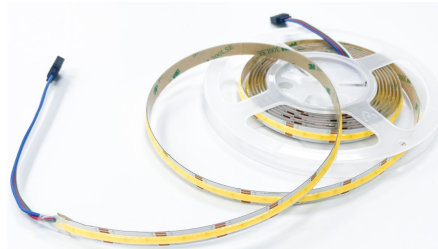
- Provide tunable white ;
- Controlled by infrared remote controller;
- Easy for DIY installation ;
- Light source lifetime :20000 hours (L70)

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& IR 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-FLS102T83W-S608X-24(WCP)-XX-UR-EP-LLD-EU(IR)(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-FLS102T83W-S608B-24(WCP)-10-UR-EP-LLD-EU(IR)(PS)	90	90	95	7.3	8	Warm White	2600-2900K	584	80	G	DC 24V
	14.6				16	Natural White	3700-4300k	1322	91	F		
	7.3				8	Standard White	6000-6500K	743	102	F		
F 65	WW-FLS102T83W-S608F-24(WCP)-10-UR-EP-LLD-EU(IR)(PS)	90	90	95	7.6	8.4	Warm White	2600-2900K	580	76	G	DC 24V
	15.2				16.8	Natural White	3700-4300k	1314	86	F		
	7.6				8.4	Standard White	6000-6500K	738	97	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-FLS102T83W-S608X-24(WCP)-XX-UR-EP-LLD-EU(IR)(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-FLS102T83W-S608B-24(WCP)-10-UR-EP-LLD-EU(IR)(PS)	90	90	95	6.8	7.5	Warm White	2600-2900K	563	83	/	DC 24V
	13.6				15	Natural White	3700-4300k	1280	94	/		
	6.8				7.5	Standard White	6000-6500K	723	106	/		
F 65	WW-FLS102T83W-S608F-24(WCP)-10-UR-EP-LLD-EU(IR)(PS)	90	90	95	7.1	7.8	Warm White	2600-2900K	558	79	/	DC 24V
	14.2				15.6	Natural White	3700-4300k	1272	90	/		
	7.1				7.8	Standard White	6000-6500K	715	101	/		

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

IR Controller: FC-PB-IR24CW

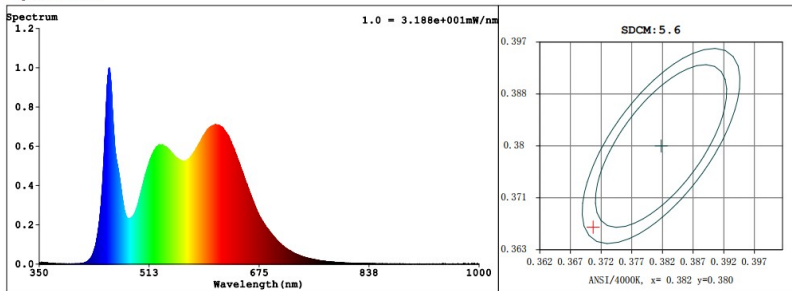
- Operating temperature: -20-60°C
- Power supply voltage: DC24V
- Functional modes: 20
- Output: 2CH
- DIMENSIONS: L49.5XW34.5XH22 MM
- Net weight: 50g
- Static power consumption: <1W
- Maximum load current: 2A per channel

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

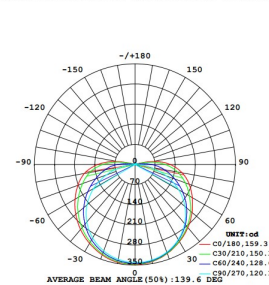
- Operating temperature: 0-40°C
- Input: 100-240AC 50/60HZ 1.5A Max
- Output: 24VDC 2.5A 60W
- Waterproof rating: IP20
- Certification: CE

Optical Test Drawing

Spectrum

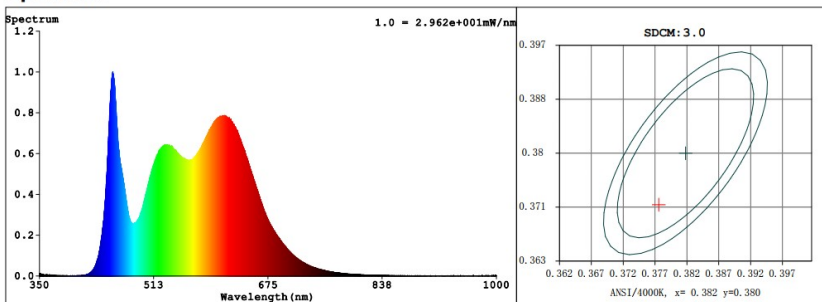


LUMINOUS INTENSITY DISTRIBUTION DIAGRAM

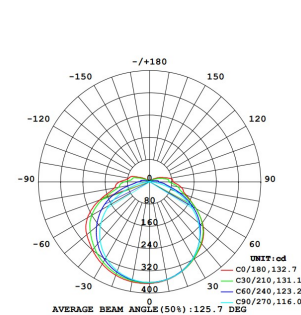


WW-FLS102T83W-S608B-24(WCP)-UR-EP-LLD-EU(IR)(PS) 4000K

Spectrum

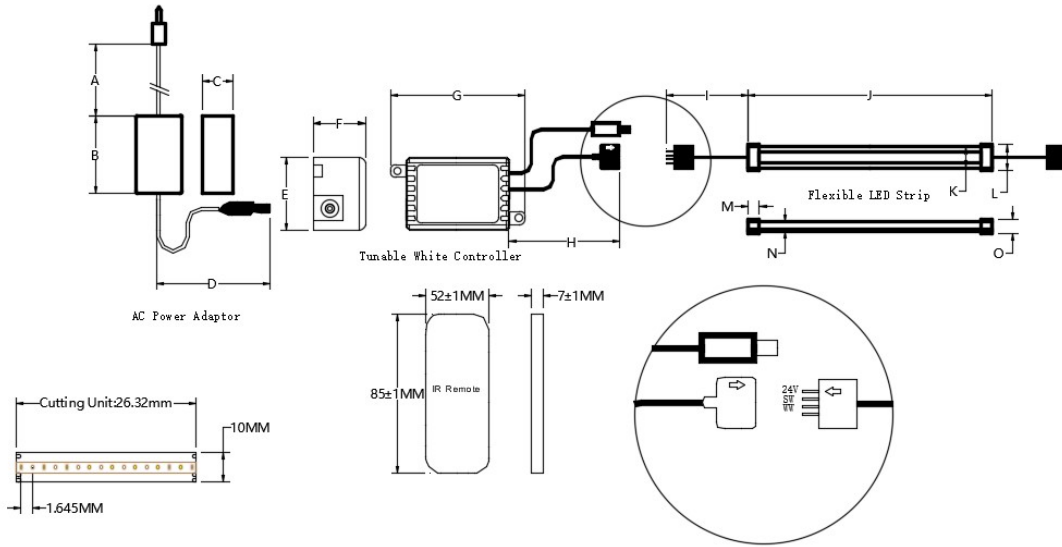


LUMINOUS INTENSITY DISTRIBUTION DIAGRAM



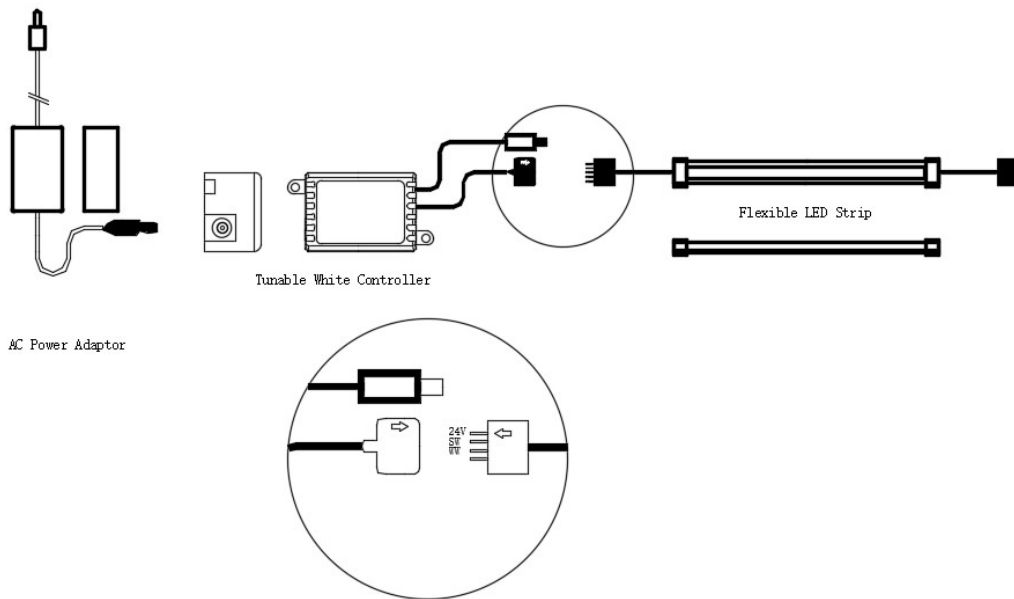
WW-FLS102T83W-S608F-24(WCP)-UR-EP-LLD-EU(IR)(PS) 4000K

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	34.5±1mm	21.5±1mm	61±1mm	118±30mm	150±30mm	5000±10mm	10±0.2mm	/	/	1.3±0.2mm	/
	59.05±1.96in	4.25±0.03in	1.79±0.03in	59.05±1.96in	1.35±0.03in	0.84±0.03in	2.4±0.03in	4.65±1.18in	5.90±1.18in	96.85±0.39in	0.39±0.007in	/	/	0.05±0.007in	/
F	1500±50mm	108±1MM	45.5±1mm	1500±50mm	34.5±1mm	21.5±1mm	61±1mm	118±30mm	150±30mm	5000±10mm	12±0.2mm	14±1mm	10±1mm	4±1mm	6±1mm
	59.05±1.96in	4.25±0.03in	1.79±0.03in	59.05±1.96in	1.35±0.03in	0.84±0.03in	2.4±0.03in	4.65±1.18in	5.90±1.18in	96.85±0.39in	0.47±0.007in	0.55±0.03in	0.39±0.03in	0.15±0.03in	0.23±0.03in

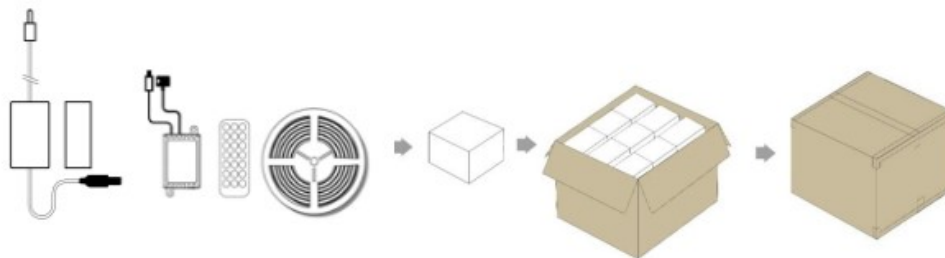
Circuit Diagram



Product Kit Details

IP Level	Category	Description	Product Photo	Qty
B 20	LED Strip	608LED/M, COB TW, 10mm width, White FPC, L=5 /3/1 meters, 3M double-sided adhesive tape, double-ended outlet, 14W/M		1 PCS
	Power Adapter	Input 100-240V~50/60Hz, Output 24V/2.5A, 1.5meter wire, White shell		1 PCS
	Controller	24 keys IR wireless TW controller, white shell, instruction manual provided		1 SET
F 65	LED Strip	608LED/M, COB TW, 10mm width, White FPC, L=5 /3/1 meters, 3M double-sided adhesive tape, double-ended outlet, 14W/M		1 PCS
	Power Adapter	Input 100-240V~50/60Hz, Output 24V/2.5A, 1.5meter wire, White shell		1 PCS
	Controller	24 keys IR wireless TW 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			
B 20	170*160*58mm	1	360*340*310mm	24	9.6KG ±10%	12.6 KG ±10%	0.038m³
	6.7*6.3*2.3 in	1	14.17*13.39 *12.2 in	24	21.16 Lbs ±10%	27.78Lbs ±10%	1.34ft³
F 65	210*200*58mm	1	440*420*310mm	23	11.5KG ±10%	15.3 KG ±10%	0.057m³
	8.3*7.9*2.3 in	1	17.32*16.54 *12.2 in	23	25.35 Lbs ±10%	33.73Lbs ±10%	2.01ft³

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.