

Product Specification

Flexible LED Strip AC 230V LED HV Strip

2835 AC230V 74LEDs/M IP65

HVFLST2W8C-XX-EU-HR-EP-LD



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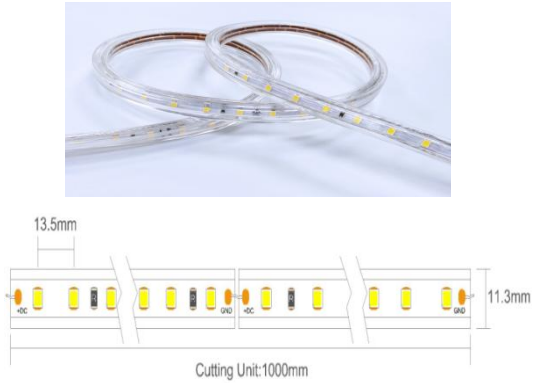
Fax : (852) 3152 3039




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<p>Product Features</p> <ul style="list-style-type: none"> • High quality FPC; • Self-encapsulated design 2835 LED; • Light source lifetime:50K hours(L70); • Meet (EU)2019/2020 ErP regulations; • Min. Bending Diameter: Φ100mm; • Max. length(M): 50M; 	
<p>Technology info</p> <ul style="list-style-type: none"> • Lighting Technology: LED • DLS or NDLS: NDLS • MLS or NMLS: MLS 	<p>Certification Standards</p> <ul style="list-style-type: none"> □ □ EN55015:2013+A1 □ □ EN61547:2009 □ □ EN60598-1:2015 □ □ EN60598-2-20:2015 □ □ EN62493:2015 □ □ EN62471:2008

<p>ErP Waterpro of Type</p>	
	<p>Naked Strip</p>
	<p>3 Years Warranty</p>

HVFLST2W8C-XX-EU-HR-EP-LD

Parameters for ErP

Model NO.	CRI (Ra)	Rf	Rg	Typical Power (W/M)	Max. Power (W/M)	Color	LED Color Temp.(K) Wavelength(nm)*	Luminous Flux LM/M(39.37')	Lumen/watt	Energy Efficiency class	Rated voltage
HVFLST2W8C-10-EU-HR-EP-LD	80	82	96	5.94	6.54	Warm White	2700K	490	82	G	AC 230V
HVFLST2W8C-10-EU-HR-EP-LD						Warm White	3000K	505	85	G	
HVFLST2N8C-10-EU-HR-EP-LD						Natural White	4000K	520	88	F	
HVFLST2S8C-10-EU-HR-EP-LD						Standard White	6000K	520	88	F	
HVFLST2W8C-25-EU-HR-EP-LD	80	82	96	5.94	6.54	Warm White	2700K	490	82	G	AC 230V
HVFLST2W8C-25-EU-HR-EP-LD						Warm White	3000K	505	85	G	
HVFLST2N8C-25-EU-HR-EP-LD						Natural White	4000K	520	88	F	
HVFLST2S8C-25-EU-HR-EP-LD						Standard White	6000K	520	88	F	
HVFLST2W8C-50-EU-HR-EP-LD	80	82	96	5.94	6.54	Warm White	2700K	490	82	G	AC 230V
HVFLST2W8C-50-EU-HR-EP-LD						Warm White	3000K	505	85	G	
HVFLST2N8C-50-EU-HR-EP-LD						Natural White	4000K	520	88	F	
HVFLST2S8C-50-EU-HR-EP-LD						Standard White	6000K	520	88	F	

Remarks:

- *The above color temperature is the color temperature of LED source.

Test condition of above technical data:

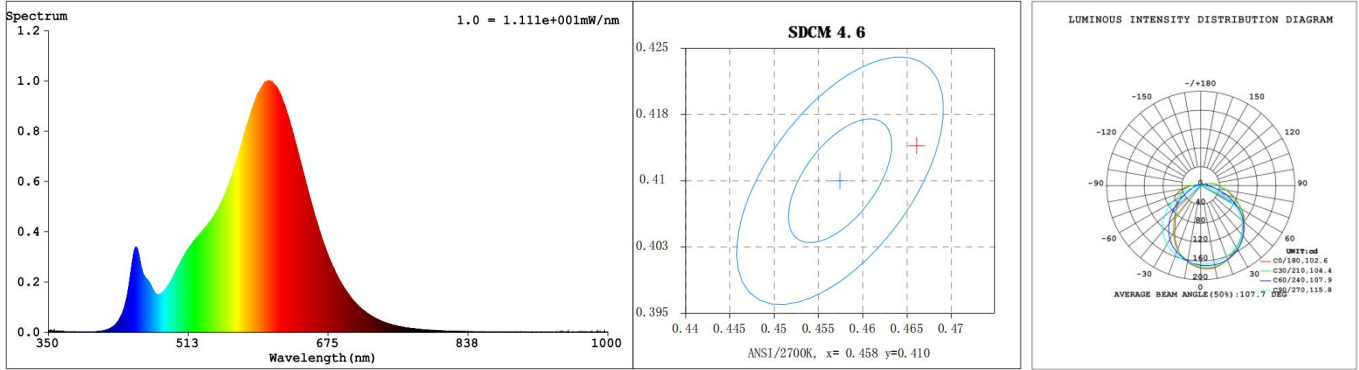
- Surrounding temperature: 26 °C.
- Test after 10 mins turned on.

ErP Note:

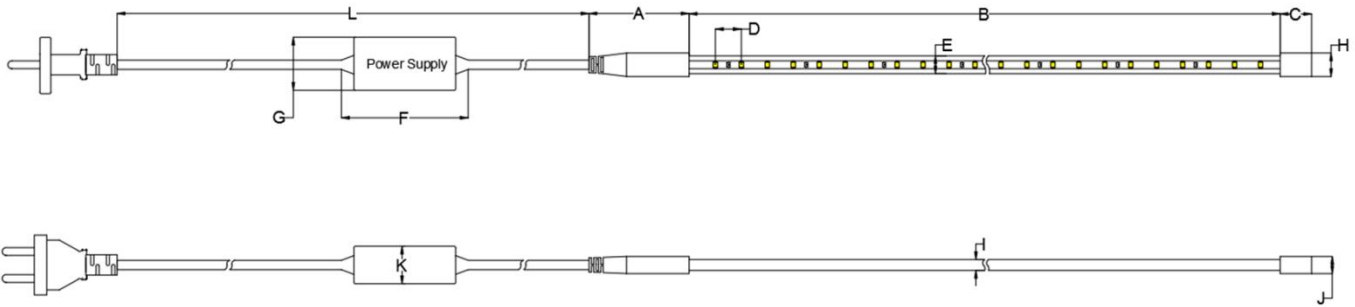
- According to the new ErP 2019/2020 regulation for each 0.5m or nearest 0.5m strip, the following requirements must be met:
- Measured power \leq Pon +5% ;
- Measured lumen \geq Useful luminous flux -10%;
- Measured CRI \geq Declared CRI-2
- The above technical data, including typical power are based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

Optical Test Diagram

Spectrum



Dimension Drawing



10M

A	B	C	D	E	F	G	H	I	J	K	L
64±1mm	10,030±30mm	20±1mm	13.5±0.2mm	11.3±0.5mm	76±1mm	39±1mm	15±1mm	7.5±0.5mm	11.5±0.5mm	24±1mm	1500±25mm
2.52±0.039in	394.9±1.18in	0.79±0.039in	0.53±0.001in	0.44±0.002in	3.2±0.039in	1.54±0.039in	0.59±0.039in	0.29±0.002in	0.45±0.002in	0.94±0.039in	59.06±0.98in

25M

A	B	C	D	E	F	G	H	I	J	K	L
64±1mm	25,030±50mm	20±1mm	13.5±0.2mm	11.3±0.5mm	79±1mm	39±1mm	15±1mm	7.5±0.5mm	11.5±0.5mm	24±1mm	1500±25mm
2.52±0.039in	985.4±1.97in	0.79±0.039in	0.53±0.001in	0.44±0.002in	3.11±0.039in	1.54±0.039in	0.59±0.039in	0.29±0.002in	0.45±0.002in	0.94±0.039in	59.06±0.98in


50M

A	B	C	D	E	F	G	H	I	J	K	L
64±1mm	50,030±100mm	20±1mm	13.5±0.2mm	11.3±0.5mm	79±1mm	39±1mm	15±1mm	7.5±0.5mm	11.5±0.5mm	24±1mm	1500±25mm
2.52±0.039in	1969.7±3.94in	0.79±0.039in	0.53±0.001in	0.44±0.002in	3.11±0.039in	1.54±0.039in	0.59±0.039in	0.29±0.002in	0.45±0.002in	0.94±0.039in	59.06±0.98in

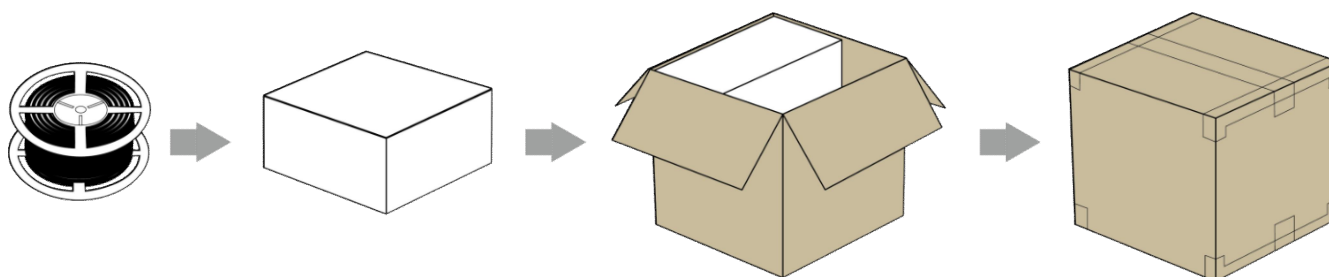
Remarks:

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

Standard Accessories

buckle		WW-HVFLST3-MC	Fixing clip set (screws)
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Packaging Diagram



Packaging Information

Length	Reel size	Inner carton		Outer carton		N.W	G.W	Outer carton volume
		Size	Reel/ctn	Size	Reel/ctn			
10m	254*45mm	270*255*53mm	1	280*240*285mm	4	5.2KG±10%	7.19KG ±10%	0.0192m ³
	10*1.77in	10.63*10.04*2.09in	1	11.02*9.45*11.22in	4	11.46Lbs ±10%	15.85Lbs ±10%	0.676ft ³
25m	330*70mm	345*330*82mm	1	362*350*185mm	2	5.90KG ±10%	8.01KG ±10%	0.0234m ³
	12.99*2.76in	13.58*12.99*3.23in	1	14.25*13.78*7.28in	2	13.01Lbs ±10%	17.66Lbs ±10%	0.828ft ³
50m	330*110mm	345*330*122mm	1	365*265*350mm	2	11.4KG ±10%	13.6KG ±10%	0.0339m ³
	12.99*4.33in	13.58*12.99*4.8in	1	14.25*10.43*13.77in	2	25.1Lbs ±10%	30.0Lbs ±10%	1.2ft ³

Remarks :

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

 **Cautions**



Do not pull and crash



Connected to power supply every 50 meters



The minimum bending diameter > 100mm



Please follow the user manual for installation



Operate carefully to avoid electric shock



Power supply retain > 20%



Note the positive and negative poles



Do not press the surface of LED



Only can be used in wet place, do not contact with water directly



No direct sunlight



Do not put plug, bridge rectifier, front and end cap into water



Pay attention to the power and ensure that the power supply wire is not overload



Ensure the output rated voltage operate within ±5%



Twist angle > 45°



Operated by professionals



Ensure circuit protector for the electric circuit



The continuous working time do not exceed 12 hours daily



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



Operating temperature
-20°C ~ +45°C
(-4°F ~ +113°F)



Relative humidity
40%-70%



Storage life is within 6 months



Defective product photo should be provided for warranty



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..

Factory will not be responsible for warranty if product failure happens because of incorrect installation, incorrect use, man-made damage or irresistible external forces (Earthquake, Typhoon, Tsunami, Tornado, 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.