

Product Specification

Flexible LED Strip AC 230V LED HV Strip

2835 AC230V 74LEDs/M IP65

HVFLST2X8C-XX-EU-HR-LD(LH)

&

HVFLST2X8C-XX-EU-HR-EP-LD(LH)



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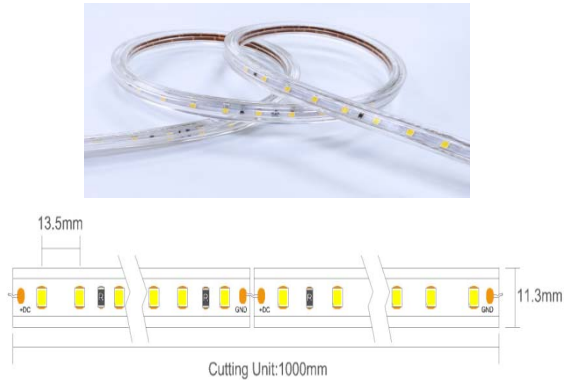
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


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<p>Product Features</p> <ul style="list-style-type: none"> • High quality FPC, authentic 3M tape; • Self-encapsulated design 2835 LED; • Light source lifetime:50K hours(L70); • Meet (EU)2019/2020 ErP regulations. • Min. Bending Diameter: Φ60mm • 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

Non-ErP Waterpro of Type	
	Naked Strip
	3 Years Warranty

ErP Waterpro of Type	
	Naked Strip
	3 Years Warranty

HVFLST2X8C-XX-EU-HR-LD(LH)

Parameters for non-ErP

Model NO.	CRI (Ra)	Rf	Rg	Typical Power (W/M)	Max. Power (W/M)	Color	LED Color Temp.(K) Wavelength(nm)*	3SDCM LED Color Temp.(K) Wavelength(nm)**	Typ. Luminous Flux LM/M(39.37in)	Rated voltage
HVFLST2W8C-05-EU-HR-LD(LH)	80	82	96	5.5	6.05	Warm White	2700K	/	480	AC 230V
HVFLST2W8C-05-EU-HR-LD(LH)				5.5	6.05	Warm White	3000K	/	500	
HVFLST2N8C-05-EU-HR-LD(LH)				5.5	6.05	Natural White	4000K	/	525	
HVFLST2S8C-05-EU-HR-LD(LH)				5.5	6.05	Standard White	6000K	/	520	
HVFLST2W8C-20-EU-HR-LD(LH)	80	82	96	5.5	6.05	Warm White	2700K	/	480	AC 230V
HVFLST2W8C-20-EU-HR-LD(LH)				5.5	6.05	Warm White	3000K	/	500	
HVFLST2N8C-20-EU-HR-LD(LH)				5.5	6.05	Natural White	4000K	/	525	
HVFLST2S8C-20-EU-HR-LD(LH)				5.5	6.05	Standard White	6000K	/	520	
HVFLST2W8C-50-EU-HR-LD(LH)	80	82	96	5.5	6.05	Warm White	2700K	/	480	AC 230V
HVFLST2W8C-50-EU-HR-LD(LH)				5.5	6.05	Warm White	3000K	/	500	
HVFLST2N8C-50-EU-HR-LD(LH)				5.5	6.05	Natural White	4000K	/	525	
HVFLST2S8C-50-EU-HR-LD(LH)				5.5	6.05	Standard White	6000K	/	520	

Remarks:

- * The above color temperature is the color temperature of LED source.
- ** Indicates SDCM<3 model is available, part number will add the suffix "-3S".
- The typ. Luminous flux tolerance range is ±10% (subject to the manufacturer's instrument test).

Test condition of above technical data:

- Surrounding temperature: 26°C.
- Test while turning on.
- The above technical data, including typical power are based on the test of 0.5m.

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-05-EU-HR-EP-LD(LH)	80	82	96	5.94	6.54	Warm White	2700K	490	82	G	AC 230V
HVFLST2W8C-05-EU-HR-EP-LD(LH)						Warm White	3000K	505	85	G	
HVFLST2N8C-05-EU-HR-EP-LD(LH)						Natural White	4000K	520	88	F	
HVFLST2S8C-05-EU-HR-EP-LD(LH)						Standard White	6000K	520	88	F	
HVFLST2W8C-20-EU-HR-EP-LD(LH)	90	90	100	5.94	6.54	Warm White	2700K	490	82	G	AC 230V
HVFLST2W8C-20-EU-HR-EP-LD(LH)						Warm White	3000K	505	85	G	
HVFLST2N8C-20-EU-HR-EP-LD(LH)						Natural White	4000K	520	88	F	
HVFLST2S8C-20-EU-HR-EP-LD(LH)						Standard White	6000K	520	88	F	
HVFLST2W8C-50-EU-HR-EP-LD(LH)	80	82	96	5.94	6.54	Warm White	2700K	490	82	G	AC 230V
HVFLST2W8C-50-EU-HR-EP-LD(LH)						Warm White	3000K	505	85	G	
HVFLST2N8C-50-EU-HR-EP-LD(LH)						Natural White	4000K	520	88	F	
HVFLST2S8C-50-EU-HR-EP-LD(LH)						Standard White	6000K	520	88	F	

Remarks:

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

Test condition of above technical data:

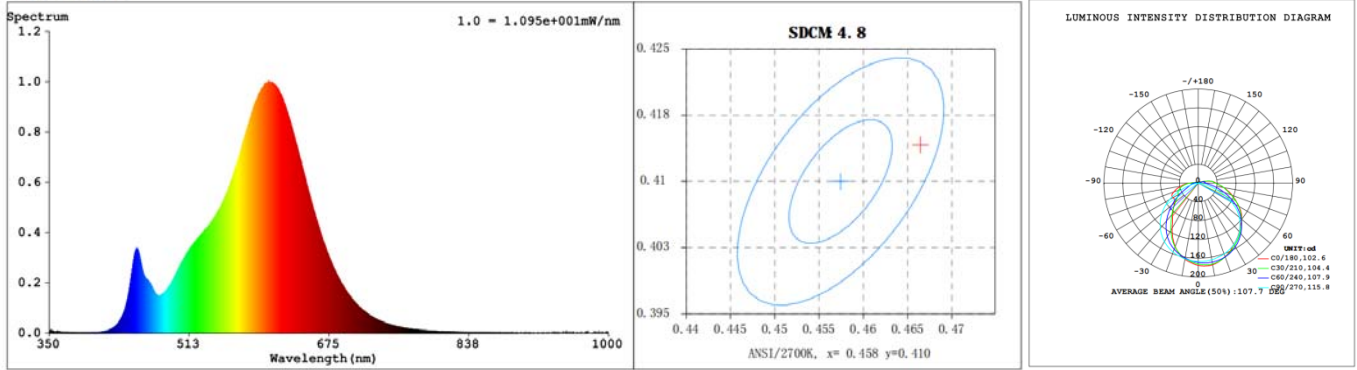
- Surrounding temperature: 26 °C.
- Test after 10 mins turned on.

ErP Note:

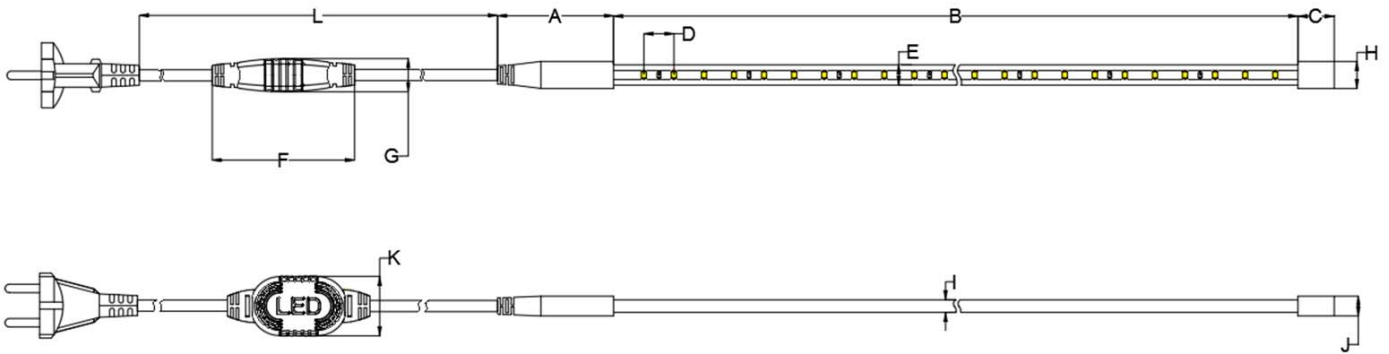
- According to the new ErP 2019/2020 regulation for each 0.5m or nearest 0.5m strip, the following requirements must be met:
- Measured power \leq Pon +5% ;
- Measured lumen \geq Useful luminous flux -10%;
- Measured CRI \geq Declared CRI-2
- The above technical data, including typical power are based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

Optical Test Diagram

Spectrum



Dimension Drawing



5M

A	B	C	D	E	F	G	H	I	J	K	L
64±1mm	5,030±30mm	20±1mm	13.5±0.2mm	11.3±0.5mm	79±1mm	18±1mm	15±1mm	7.5±0.5mm	11.5±0.5mm	33±1mm	1500±25mm
2.52±0.039in	198.0±1.18in	0.79±0.039in	0.53±0.001in	0.44±0.002in	3.11±0.039in	0.7±0.039in	0.59±0.039in	0.29±0.002in	0.45±0.002in	1.3±0.039in	59.06±0.98in

20M

A	B	C	D	E	F	G	H	I	J	K	L
64±1mm	20,030±50mm	20±1mm	13.5±0.2mm	11.3±0.5mm	79±1mm	18±1mm	15±1mm	7.5±0.5mm	11.5±0.5mm	33±1mm	1500±25mm
2.52±0.039in	799.2±1.97in	0.79±0.039in	0.53±0.001in	0.44±0.002in	3.11±0.039in	0.7±0.039in	0.59±0.039in	0.29±0.002in	0.45±0.002in	1.3±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	18±1mm	15±1mm	7.5±0.5mm	11.5±0.5mm	33±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	0.7±0.039in	0.59±0.039in	0.29±0.002in	0.45±0.002in	1.3±0.039in	59.06±0.98in

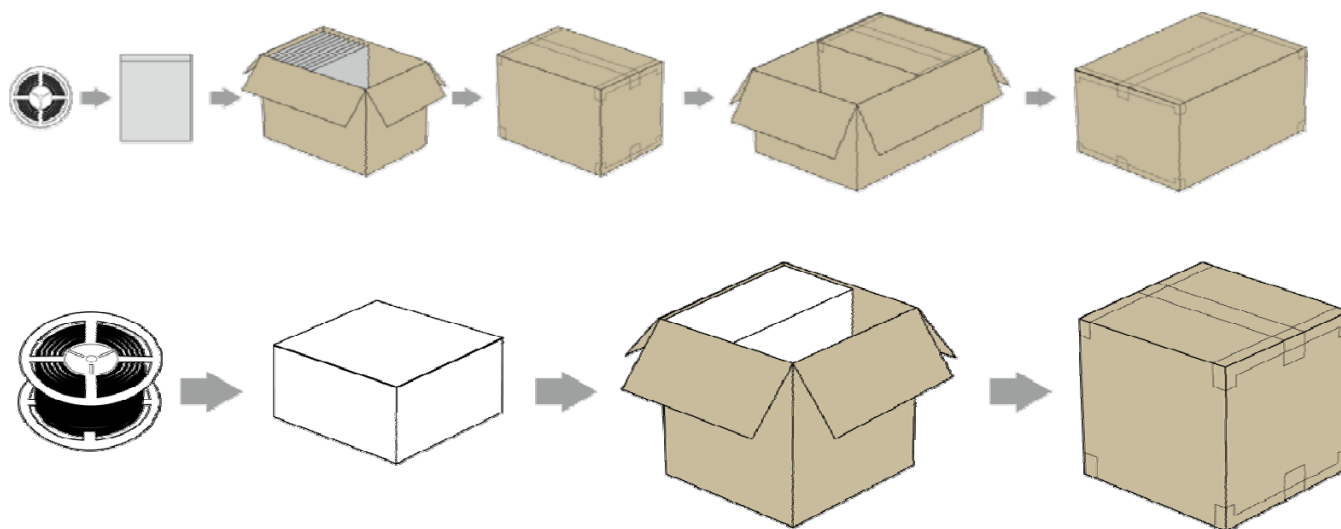
Remarks:

- 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			
5m	220*16mm	350*250*280mm	12	520*370*300mm	24	17.4KG±10%	20.8KG ±10%	0.0577m ³
	8.66*0.62in	13.77*9.84*11.02in	12	20.47*14.56*11.81in	24	38.32Lbs ±10%	45.81Lbs ±10%	2.037ft ³
20m	330*50mm	345*330*61mm	1	362*265*350mm	4	9.5KG ±10%	12.3KG ±10%	0.0335m ³
	12.99*1.96in	13.58*12.99*2.4in	1	14.25*10.43*13.77in	4	20.92Lbs ±10%	27.1Lbs ±10%	1.185ft ³
50m	330*110mm	345*330*122mm	1	362*265*350mm	2	11.4KG ±10%	13.6KG ±10%	0.0335m 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%	1.185ft ³

Remarks :

Please contact our sales 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℃~+45℃ (-4℉~+113℉)	0℃~+60℃ (32℉~+140℉)	Operated by professionals
					>60mm icon" data-bbox="617 491 690 540"/>		
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.