

Product Specification

SMD HV Strip

**Eco 2835 AC230V 120LEDs/M
single color 8X16 PVC IP65**

HVFLST2X4PA-XX-EU-HR-0816-B(LH)-LLD

(Type PA)



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China Factory :

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Tel : (852) 3152 3059 (10 lines)

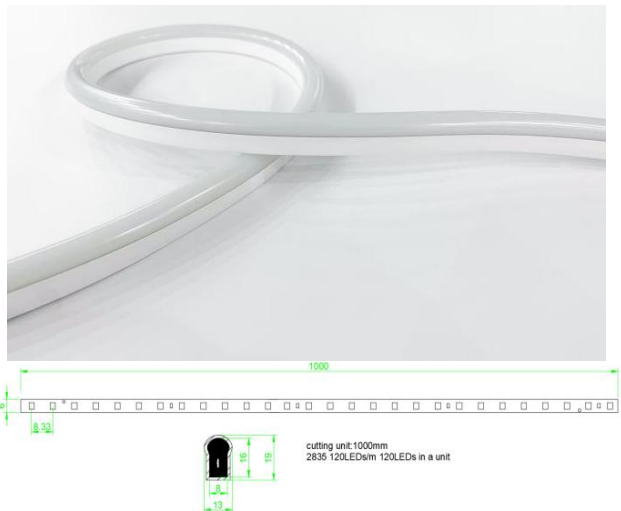
Fax : (852) 3152 3039




Tel : (86) 755 8601 9190



Fax : (86) 755 8601 9197

<p>Product Features</p> <ul style="list-style-type: none"> • Flexible PVC material, electrical insulation; • Offer three optional white light from 2700-6000K; • High quality FPC; • IP65 waterproof • 160° luminescence • Min.Bending Diameter:Φ130mm 	
<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"> • EN55015:2019+A11 • EN61547:2009 • EN60598-1:2015 • EN60598-2-20:2015 • EN62493:2015 • EN62471:2008

<p>Waterpro of Type</p>	<p>PA IP65</p>
	 <p>2 Years Warranty</p>

HVFLST2X4PA-XX-EU-HR-0816-B(LH)-LLD
Parameters for non-ErP

Model NO.	CRI (Ra)	Rf	Rg	Typical Power (W/M)	Max. Power (W/M)	Color (K)	LED Strip Color Temp.(K) Wavelength(nm)*	Typ. Luminous Flux LM/M(39.37in)	Rated voltage
HVFLST2W4PA-05-EU-HR-0816-B(LH)-LLD	80	85	95	8.5	9.4	2700	2600-2900K	254	AC 230V
HVFLST2N4PA-05-EU-HR-0816-B(LH)-LLD				8.5	9.4	4000	3700-4250K	262	
HVFLST2S4PA-05-EU-HR-0816-B(LH)-LLD				8.5	9.4	6000	5700-6500K	264	
HVFLST2W4PA-10-EU-HR-0816-B(LH)-LLD	80	85	95	8.5	9.4	2700	2600-2900K	254	AC 230V
HVFLST2N4PA-10-EU-HR-0816-B(LH)-LLD				8.5	9.4	4000	3700-4250K	262	
HVFLST2S4PA-10-EU-HR-0816-B(LH)-LLD				8.5	9.4	6000	5700-6500K	264	
HVFLST2W4PA-15-EU-HR-0816-B(LH)-LLD	80	85	95	8.5	9.4	2700	2600-2900K	254	AC 230V
HVFLST2N4PA-15-EU-HR-0816-B(LH)-LLD				8.5	9.4	4000	3700-4250K	262	
HVFLST2S4PA-15-EU-HR-0816-B(LH)-LLD				8.5	9.4	6000	5700-6500K	264	
HVFLST2W4PA-20-EU-HR-0816-B(LH)-LLD	80	85	95	8.5	9.4	2700	2600-2900K	254	AC 230V
HVFLST2N4PA-20-EU-HR-0816-B(LH)-LLD				8.5	9.4	4000	3700-4250K	262	
HVFLST2S4PA-20-EU-HR-0816-B(LH)-LLD				8.5	9.4	6000	5700-6500K	264	
HVFLST2W4PA-50-EU-HR-0816-B(LH)-LLD	80	85	95	8.5	9.4	2700	2600-2900K	254	AC 230V
HVFLST2N4PA-50-EU-HR-0816-B(LH)-LLD				8.5	9.4	4000	3700-4250K	262	
HVFLST2S4PA-50-EU-HR-0816-B(LH)-LLD				8.5	9.4	6000	5700-6500K	264	

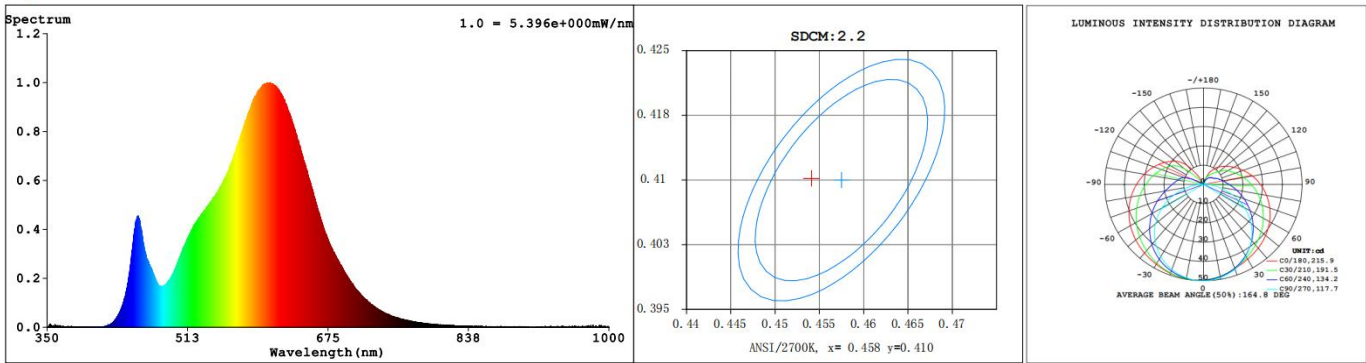
Remarks:

- * The above color temperature is the color temperature of LED Strip.
- The typ. 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 turning on.

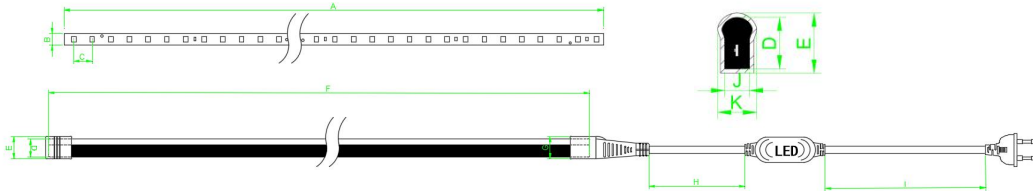
Optical Test Diagram



HVFLST2W4PA-XX-EU-HR-0816-B(LH)-LLD

Dimension Drawing

Dimension Drawing of 5/10/15/20/50M high voltage LED strip



5 M										
A	B	C	D	E	F	G	H	I	J	K
5030±30mm	6±1mm	8.33±1mm	16±1mm	19±1mm	5030±30mm	19±1mm	500±50mm	1000±100mm	8±1mm	13±1mm
198.0±1.18in	0.24±0.039in	0.33±0.039in	0.63±0.039in	0.75±0.039in	198.0±1.18in	0.75±0.039in	19.69±1.969in	39.37±3.937in	0.31±0.039in	0.51±0.039in
10 M										
A	B	C	D	E	F	G	H	I	J	K
10030±30mm	6±1mm	8.33±1mm	16±1mm	19±1mm	10030±30mm	19±1mm	500±50mm	1000±100mm	8±1mm	13±1mm
394.88±1.18in	0.24±0.039in	0.33±0.039in	0.63±0.039in	0.75±0.039in	394.88±1.18in	0.75±0.039in	19.69±1.969in	39.37±3.937in	0.31±0.039in	0.51±0.039in
15 M										
A	B	C	D	E	F	G	H	I	J	K
15030±30mm	6±1mm	8.33±1mm	16±1mm	19±1mm	15030±30mm	19±1mm	500±50mm	1000±100mm	8±1mm	13±1mm
591.73±1.18in	0.24±0.039in	0.33±0.039in	0.63±0.039in	0.75±0.039in	591.73±1.18in	0.75±0.039in	19.69±1.969in	39.37±3.937in	0.31±0.039in	0.51±0.039in
20 M										
A	B	C	D	E	F	G	H	I	J	K
20030±30mm	6±1mm	8.33±1mm	16±1mm	19±1mm	20030±30mm	19±1mm	500±50mm	1000±100mm	8±1mm	13±1mm
788.58±1.18in	0.24±0.039in	0.33±0.039in	0.63±0.039in	0.75±0.039in	788.58±1.18in	0.75±0.039in	19.69±1.969in	39.37±3.937in	0.31±0.039in	0.51±0.039in
50 M										
A	B	C	D	E	F	G	H	I	J	K
25030±30mm	6±1mm	8.33±1mm	16±1mm	19±1mm	25030±30mm	19±1mm	500±50mm	1000±100mm	8±1mm	13±1mm
985.43±1.18in	0.24±0.039in	0.33±0.039in	0.63±0.039in	0.75±0.039in	985.43±1.18in	0.75±0.039in	19.69±1.969in	39.37±3.937in	0.31±0.039in	0.51±0.039in

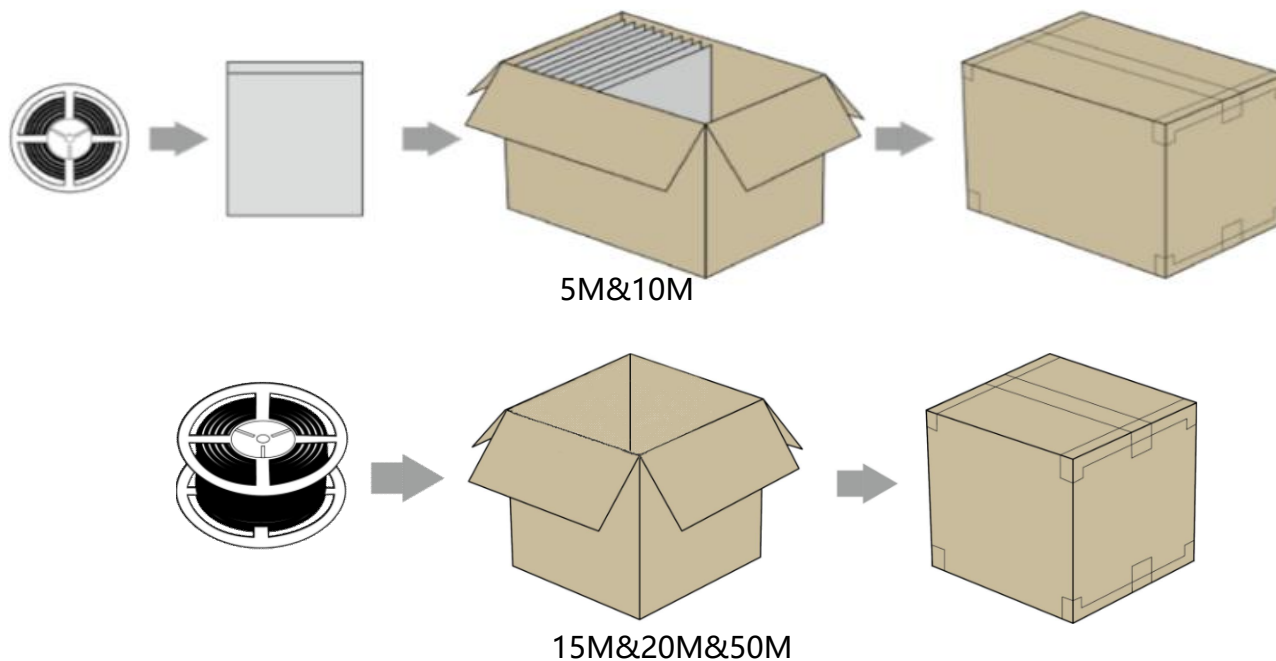
Remarks:

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

Optional Accessories

Category	Picture	Part No.	Description
PVC Trunking		WW-HFE-PM1T-0816	PVC trunking environmentally friendly 5CM trunking (equipped with 8 * 16mm light strips)
Fixed clip		WW-HFE-MC0T-0816	Environmentally friendly fixing clip (equipped with 8 * 16mm light strip, with 2pcs 3 * 16 countersunk pointed tail self tapping screws)
Indirect in T-shape		WW-HFE-TSP2T-0816	Environmentally friendly T-shaped indirect (equipped with 8 * 16mm light strip)
Indirect in L-shape		WW-HFE-LSP2T-0816	Environmentally friendly L-shaped indirect (equipped with 8 * 16mm light strip)
Pair wiring		WW-HFE-RWR2T-0816	Environmental protection wiring with a length of 20CM (equipped with 8 * 16mm light strip)
Plug pin		WW-HFE-F0F2S-0816	Plug pin, ϕ 1.5mm * H24mm, 2 pins, with a foot spacing of 6.7mm (equipped with 8 * 16mm light strips)

Packaging Diagram













Packaging Information














Length	Reel size	Self sealing electrostatic bag		Outer carton		N.W	G.W	Outer carton volume
		Size	Reel/bag	Size	bag/ctn			
5m	305*20mm	350*360mm	1	375*365*230mm	10	10.52KG±10%	12.52KG ±10%	0.03m ³
	12*0.787in	13.78*14.17in	1	14.76*14.37*9in	10	23.19Lbs ±10%	27.6Lbs ±10%	1.06ft ³
10m	406*20mm	460*450mm	1	475*465*230mm	10	19.49KG±10%	22.1KG ±10%	0.05m ³
	15.98*0.787in	18.11*17.71in	1	18.7*18.3*9in	10	42.97Lbs ±10%	48.72Lbs ±10%	1.771ft ³
15m	250*250*90mm	/	/	260*260*100mm	1	2.85KG±10%	3.65KG ±10%	0.0068m ³
	9.84*9.84*3.54in	/	/	10.24*10.24*3.94in	1	6.28Lbs ±10%	8.05Lbs ±10%	0.24ft ³
20m	250*250*110mm	/	/	260*260*120mm	1	3.74KG ±10%	4.74KG ±10%	0.0081m ³
	9.84*9.84*4.33in	/	/	10.24*10.24*4.72in	1	8.25Lbs ±10%	10.45Lbs ±10%	0.29ft ³
50m	310*310*185mm	/	/	320*320*205mm	1	9.13KG ±10%	10.33KG ±10%	0.021m ³
	12.2*12.2*7.28in	/	/	12.6*12.6*8.07in	1	20.13Lbs ±10%	22.77Lbs ±10%	0.74ft 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°C~+45°C (-4°F~+113°F)	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	Connected to power supply every 5 meters	Power supply must be connected to ground(GND)	The mininum 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.**