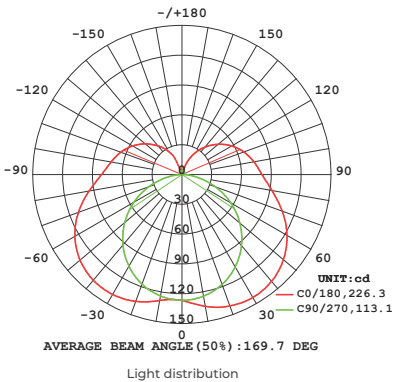
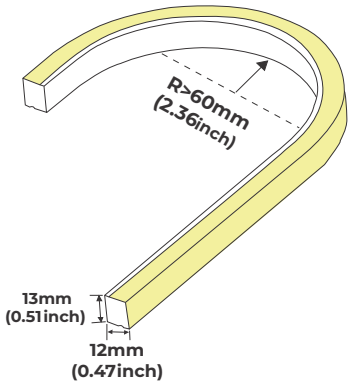
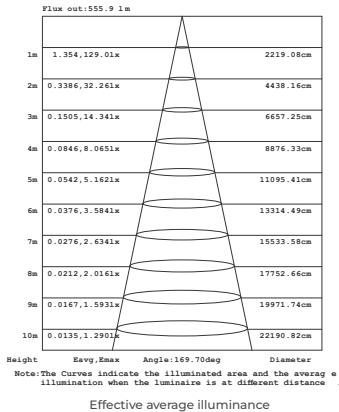


Product Description

- Light source: Adopting dedicated and outdoor-specific LED, stronger reliability for outdoor application; Finished product ANSI SDCM≤5;
- Structure: New anti-tension structure, Integrated anti-tension silicone extrusion process, against internal stress and external tension; Double-layer circuit conductive, double power supply guarantee, broken boards without power cut;
- Product applications: outdoor illumination, architectural facade lighting; IP67
- Working/storage temperature: Ta: -40 to 60°C / 0 to 60°C
- Working life =84000H,whichever comes first.



Note: The above data is based on 24V monochrome 4000K color temperature. If you need other models of IES files, please download the corresponding models from the IES database.



ORDERING GUIDE EXAMPLE: JAFT1312U-24V-27K-90-16.4-ENP-LC6FT

Product Series	CCT	CRI	Max Strip Length per Power Input	IP Options	Entry Cable Positions	Lead Cable Length
JAFT1312U-24V	27K 2700K 30K 3000K 40K 4000K Max length 65.6FT	90 >90 CRI	16.4 16.4FT 32.8 32.8FT 49.2 49.2FT 65.6 65.6FT XXFT Replace XX with desired length	EP IP67 all-wrapped end cap ENPH IP67 hydraulic end cap	T One-end top DT Dual-end top B One-end bottom DB Dual-end bottom SL One-end side left DSL Dual-end side left SR One-end side right DSR Dual-end side right	LC6FT Lead cable 6 feet standard LCX*FT Customize the lead cable length
JAFT1312U-48V	G/B Green / Blue Max length 65.6FT 27K 2700K 30K 3000K 40K 4000K Max length 65.6FT	90 >90 CRI	16.4 16.4FT 32.8 32.8FT 65.6 65.6FT XXFT Replace XX with desired length			

*Replace X with desired value



Photometry and Specifications

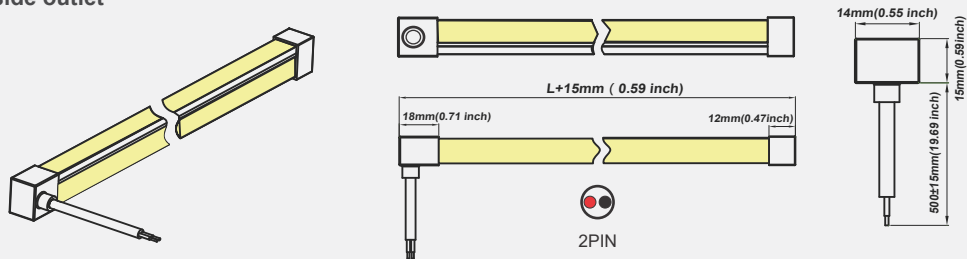
Model	CCT/colors	Color range	CRI	Input voltage (V)	Rated Current (M)	Rated Power (w/m)	Maximum Power (w/m)	Lumens (LM/m)	Standard Length	Remark
JAFT1312U-24V	2700K	2600-2830K	>90	24V	0.4 (0.12A/ft)	10 (3.05W/ft)	11 (3.35W/ft)	667(203/ft)	10000mm (32.81ft)	16LED/50mm
	3000K	2920-3170K						752(229/ft)		
	4000K	3770-4220K						824(251/ft)		
JAFT1312U-24V	2700K	2600-2830K	>90	24V	0.2 (0.06A /ft)	5 (1.53W/ft)	5.5 (1.68W/ft)	360(110/ft)	15000mm (49.21ft)	
	3000K	2920-3170K						370(113/ft)		
	4000K	3770-4220K						415(127/ft)		
JAFT1312U-24V	G/B	/	/	24V	0.4 (0.12A/ft)	10 (3.05W/ft)	11 (3.35W/ft)	/	10000mm (32.81ft)	
JAFT1312U-48V	2700K	2600-2830K	>90	48V	0.2 (0.06A/ft)	10 (3.05W/ft)	11 (3.35W/ft)	687(209/ft)	20000mm (65.62ft)	32LED/100mm
	3000K	2920-3170K						714(218/ft)		
	4000K	3770-4220K						769(234/ft)		

Note:

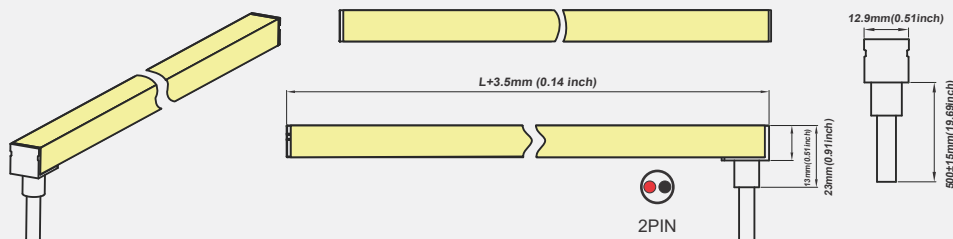
1. The above parameters are tested based on 1m/3.28ft standard products;
2. The luminous flux is allowed to have an error range of -15%~+∞;
3. The above parameters are typical values;

IP Process Information

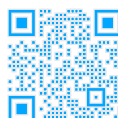
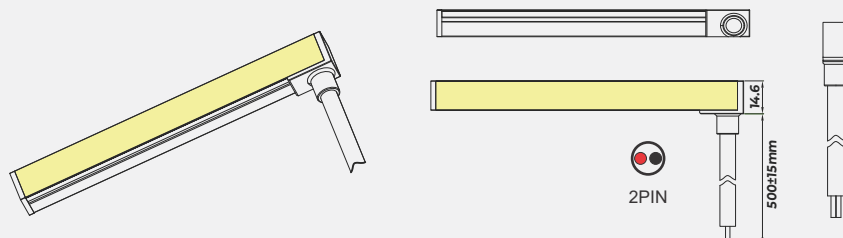
· IP65 Glued cap-side outlet



· IP67 No dark cap(ENP)-bottom outlet

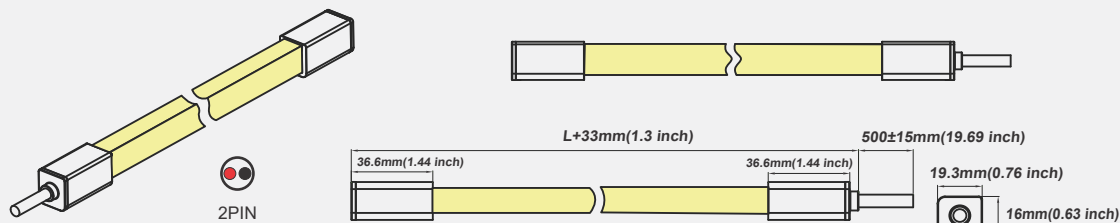


· IP67 No dark cap(ENP) - side outlet(white light)

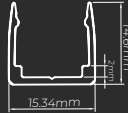
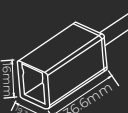
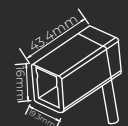
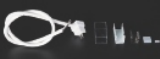
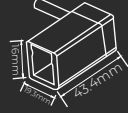
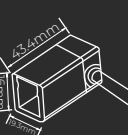


IP Process Information

• IP54 Weld-free waterproof End-Cap - top outlet

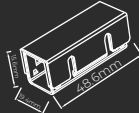
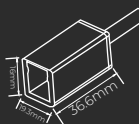
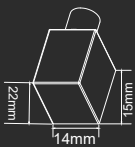


Accessories Information

Name	Describe	Accessories Picture	Section size	Order model	quantity/ case (PCS)	net weight (kg)	Per box net weight (kg)	Gross weight (kg)	Gross weight (mm)	Remark
PC carrier	Flat mount PC slot			JAS-NMT1312P-1000	60	0.066	3.96	5	1180*125*115	Size: L1000*W15.4*H14.6mm With screws
PC card	Flat mount PC clip			JAS-NMT1312P-25	350	0.004	1.4	1.655	250*250*150	Size: L25*W15.4*H14.6mm With screws
Weld-free waterproof End-Cap	Quick connector (out let from the top direction)			JAS-NMT1312HT0-FL	48	0.04	1.92	3.735	365x365x190	Outlet 500mm/IP65 suit to:JAFT1312/JAFT1312U/ JAHT1312/JAHT1312U/JNMT1312/ JNMT1312U white light and color light
Weld-free waterproof End-Cap	Quick connector (out let from the bottom direction)			JAS-NMT1312HB0-FL	48	0.04	1.92	3.735	365x365x190	Outlet 500mm/IP65 suit to:JAFT1312/JAFT1312U/ JAHT1312/JAHT1312U/JNMT1312/ JNMT1312U white light and color light
Weld-free waterproof End-Cap	Quick connector (out let from the left direction)			JAS-NMT1312HL0-FL	48	0.04	1.92	3.735	365x365x190	Outlet 500mm/IP65 suit to:JAFT1312/JAFT1312U/ JAHT1312/JAHT1312U/JNMT1312/ JNMT1312U white light and color light
Weld-free waterproof End-Cap	Quick connector (out let from the right direction)			JAS-NMT1312HR0-FL	48	0.04	1.92	3.735	365x365x190	Outlet 500mm/IP65 suit to:JAFT1312/JAFT1312U/ JAHT1312/JAHT1312U/JNMT1312/ JNMT1312U white light and color light
Weld-free waterproof End-Cap	Quick connector(plug)			JAS-NMT1312TX0-FL	48	0.03	1.44	3.255	365x365x190	IP65 suit to:JAFT1312/JAFT1312U/ JAHT1312/JAHT1312U/JNMT1312/ JNMT1312U white light and color light

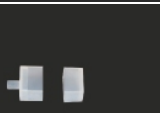
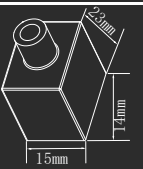
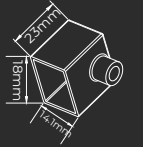


Accessories Information

Name	Describe	Accessories Picture	Section size	Order model	quantity/ case (PCS)	net weight (kg)	Per box net weight (kg)	Gross weight (kg)	Gross weight (mm)	Remark
Weld-free waterproof connector	Quick connector (wit hout wire)			JAS-NMT1312MX0-FL	96	0.026	2.496	2.75	365x365x190	IP65 suit to:JAFT1312/JAFT1312U/ JAHT1312/JAHT1312U/JNMT1312/ JNMT1312U white light and color light
Weld-free waterproof connector	Quick connector (wit h wire)			JAS-NMT1312MH0-FL	48	0.053	2.544	2.8	365x365x190	The middle wire is 300mm long, IP65 suit to:JAFT1312/JAFT1312U/ JAHT1312/JAHT1312U/JNMT1312/ JNMT1312U white light and color light
Glue	Acid glue		/	JAS-PG-0002	150	0.014	2.1	2.4	250*250*150	10ml/pcs
Wire	2P PVC wire (0.5M)		/	JAS-WS-0001	150	0.01541	2.31	2.61	250*250*150	Suitable for single color strip
Wire	2P PVC wire (2M)		/	JAS-WS-0002	125	0.0616	7.7	8	250*250*150	Suitable for single color strip
connector	2PIN IP68 Waterproof connector		/	JAS-FC-0001	512	0.016	8.192	9.5	365*365*190	Suitable for single color strip
Wire	2P T-Connection Wire		/	JAS-FC-0027	20	0.065	1.31	1.6	250*250*150	Suitable for monochromatic led strip Wire length 150mm, IP67
Wire	2P male connector wire		/	JAS-FC-0009(0.25M) JAS-FC-0010(0.5M) JAS-FC-0011(2M)	200 200 50	0.0193 0.031 0.1012	3.86 6.2 5.06	4.16 6.5 5.36	250*250*150	Suitable for monochromatic led strip Wire lengths are optional: 0.25M/0.5M/2M
Wire	2P female connector wire		/	JAS-FC-0012 (0.25M) JAS-FC-0013 (0.5M) JAS-FC-0014 (2M)	200 200 50	0.0212 0.0329 0.1031	4.24 6.58 5.16	4.54 6.88 5.48	250*250*150	Suitable for monochromatic led strip Wire lengths are optional: 0.25M/0.5M/2M
End cap set	End cap set, including end cap and plug (outlet from the bottom direction)			JAS-NMT1312GD0 -EC	400	0.0035	1.4	1.7	250*250*150	/



Accessories Information

Name	Describe	Accessories Picture	Section size	Order model	quantity/ case (PCS)	net weight (kg)	Per box net weight (kg)	Gross weight (kg)	Gross weight (mm)	Remark
End cap set	End cap set, including end cap and plug (outlet from the top direction)			JAS-NMT1312GH0-EC	400	0.0035	1.4	1.7	250*250*150	/
End cap set	End cap set, including end cap and plug (outlet from the side direction)			JAS-NMT1312GS0-EC	400	0.0035	1.4	1.7	250*250*150	/

Product System Control Solutions

Product Image	product name	SKU	Product specifications	Applicable Products
	Monochrome remote	JR6-1	output signal: RF Working voltage: 3VDC(CR2032) Remote control distance:30m Working temperature:Ta:0-30 °C~0+55 °C	Monochrome light strip (Use with JCR1-GBA)
	Monochrome light controller	JCR1-GBA	Input voltage: DC12-48V Output current: 15A@12V/24V, 10A@36V/48V Output Power: Max 180W@12V/Max 360W@24V/Max 360W@36V/Max 480W@48V Working temperature: Ta:0-30 °C~0+55 °C	Monochrome light strip (Use with JR6-1)

Precautions

- Please use an isolated power supply to drive the LED light bar, and the ripple of the constant voltage source is less than 5%.
- Do not use resistance-capacitance step-down, non-isolated power supplies to drive the LED light bar.
- In actual applications, the power supply should reserve 20% of the margin (it is recommended to use only 80% of the power) to ensure sufficient voltage drive.
- Please operate carefully, do not touch the AC power part when the power is on to prevent electric shock.
- When installing the product, avoid the power supply open and closed, and do not connect wrongly.
- The voltage of the power supply and the product are the same, so as to avoid damage to the product.
- During the installation process, please avoid bending, twisting, folding, and similar improper handling of the product, otherwise it may cause irreparable damage to the product.
- If it is not due to the actual bending radius of the light strip, please do not bend it in an arc with a radius of less than 6mm. A too-small bending radius will damage the product itself.
- If the actual application length exceeds the specified single length, it will cause the lamp belt to overload and damage itself, which is not within the scope of warranty.
- In order to prevent your eyes from being hurt, try to avoid staring at the light-emitting surface of the light bar for a long time.
- The product is a semi-finished product and cannot be used directly as an outdoor product without waterproof treatment.
- It is strictly forbidden to use in humid, close to water, or other humid places. Products (including but not limited to glass glue, etc.) must be sealed and waterproofed.
- After the product is installed and connected to the power supply, it must be tested and lighted before it can be installed. The final color of the product shall be subject to the actual product in the confirmation bar.
- During the cutting process, the LED light bar must be cut along the specified marked line, and waterproof treatment needs to be done after shearing and cutting.
- Please use professional cutting tools (DC cutting tools are recommended).
- After the light bar is fixed with double-sided tape (3M tape), please use payoff rack during construction to avoid damage to the product caused by pulling.
- Attention: there are 2 soldering points per meter (5m/roll), at two meter main mass production.
- Due to the characteristics of the silicone material itself, it is a normal situation for the color of the colloid to change slightly after the neon product is used for a long time, and this situation will not affect its normal use.
- It is strictly forbidden to use 502/705 and other adhesives that are prone to chemical reactions with silica gel during construction and installation. It is recommended to use silicone material for bonding.
- During the installation and use process of indoor lamps, the ends must be sealed to avoid exposure to organic environments such as plasticizers, ketones, and aromatic solvents.
- The power supply should be installed and fixed in a conventional position, and the ambient air should be in line with environmental conditions and avoid the working environment being closed, as it may cause abnormal damage to the product.
- The use environment temperature is -20°C~60°C, and the storage temperature is -40°C~80°C.
- When using dimmer and dimmable power supplies like Triac, etc., conduct compatibility tests on the product, dimmers, and power supplies to ensure full compatibility. If any issues arise, contact Jademar Lighting for technical support.



No Stretching



No Distortion



No Stepping

