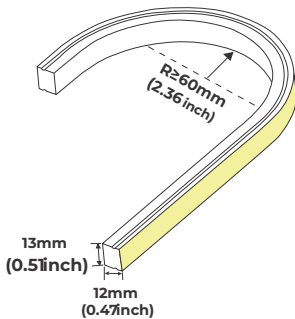
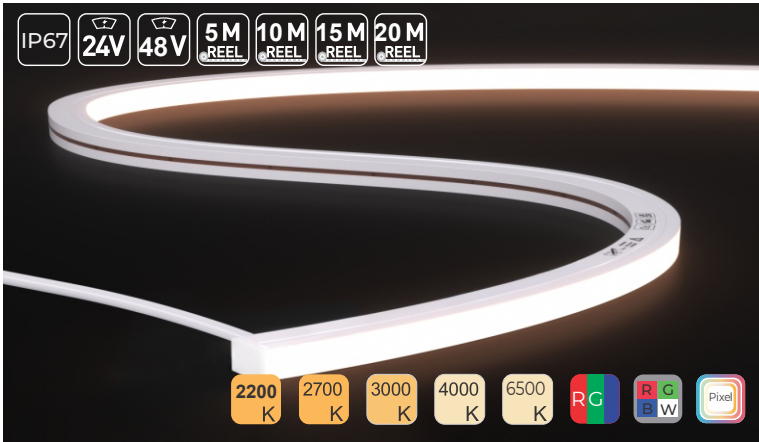
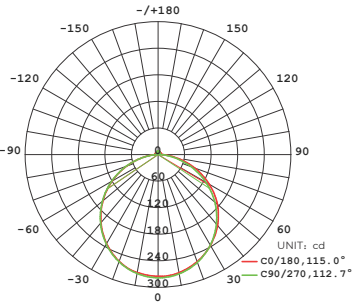


Product Description

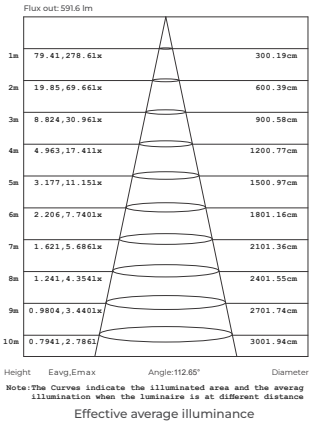
- Light source: Adopting dedicated and outdoor-specific LED, stronger reliability for outdoor application; Finished product ANSI SDCM≤5;
- Structure: New anti-tension structure, Integrated anti-tension silicone extrusion process, against internal stress and external tension; Double-layer circuit conductive, double power supply guarantee, broken boards without power cut;
- DMX Chip model and pixel count: white light/ RGB/RGBW: UCS512H4LB,12 Pixels/m;
- Product applications: outdoor illumination, architectural facade lighting; IP67
- Working/storage temperature(White/monochromatic light): Ta: -40 to 60°C / 0 to 60°C
- Symphony working/storage temperature(DMX/RGB/RGBW): Ta: -40 to 50°C/ 0 to 60°C
- White/R/G/B with 7 years warranty or working life = 84000H,whichever comes first ;RGB /RGBW / RGBM / RGBWM/ White (DMX) with warranty 5 years or working life=60000H,whichever comes first.



Note: White/RGB/RGBW light bending radius R260mm(2.36inch), DMX bending radius R280mm(3.15inch)



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.



Note: The curves indicate the illuminated area and the average illumination when the luminaire is at different distance

ORDERING GUIDE EXAMPLE: JAFT1312-24V-27K-90-16-ENP-T-LC6FT

Product Series	CCT	CRI	Max Strip Length per Power Input	IP Options	Entry Cable Positions	Lead Cable Length
JAFT1312-24V	22K 2200K 27K 2700K 30K 3000K 40K 4000K 65K 6500K <i>Max length 65.6FT</i>	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	IP65 IP65 Gluing end cap 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
	R Red G/B Green / Blue <i>Max length 65.6FT</i>					
	RGB Red / Green /Blue <i>Max length 65.6FT</i>					
	RGB+27K RGB+2700K RGB+30K RGB+3000K RGB+40K RGB+4000K <i>Max length 65.6FT</i>	90 >90 CRI				
	SPI-RGB Serial Peripheral Interface - Red / Green / Blue <i>Max length 65.6FT</i>					
	DMX-W-27K DMX-W-2700K DMX-W-30K DMX-W-3000K DMX-W-40K DMX-W-4000K <i>Max length 65.6FT</i>	90 >90 CRI				
	DMX-RGB Digital Multiplex - Red / Green / Blue <i>Max length 65.6FT</i>					
	DMX-RGB+27K DMX-RGB+2700K DMX-RGB+30K DMX-RGB+3000K DMX-RGB+40K DMX-RGB+4000K <i>Max length 65.6FT</i>	90 >90 CRI				
JAFT1312-48V	27K 2700K 30K 3000K 40K 4000K <i>Max length 65.6FT</i>	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
JAFT1312-24V	2200K	2100-2300K	>90	24	0.625 (0.19A/ft)	15 (4.57 W/ ft)	16.5 (5.03A/ft)	739 (225LM/ft)	5000mm (16.4ft)	16LED/50mm
	2700K	2600-2830K						819 (250LM/ft)		
	3000K	2920-3170K						909 (277LM/ft)		
	4000K	3770-4220K						978 (298LM/ft)		
	6500K	6000-7000K						1086 (331LM/ft)		
JAFT1312-24V	2200K	2100-2300K	>90	24	0.4 (0.12A/ft)	10 (3.05 W/ ft)	11 (3.35 W/ ft)	591 (180LM/ft)	10000mm (32.81ft)	16LED/50mm
	2700K	2600-2830K						680 (207 LM/ft)		
	3000K	2920-3170K						750 (229 LM/ft)		
	4000K	3770-4220K						840 (256 LM/ft)		
	6500K	6000-7000K						858 (262LM/ft)		
JAFT1312-24V	2200K	2100-2300K	>90	24	0.2 (0.06A /ft)	5 (1.53W/ft)	5.5 (1.68W/ ft)	334 (102LM/ft)	15000mm (49.21ft)	16LED/50mm
	2700K	2600-2830K						370 (113LM/ft)		
	3000K	2920-3170K						390 (119LM/ft)		
	4000K	3770-4220K						410 (125LM/ft)		
JAFT1312-24V	R	/	/	24	0.3 (0.09A/ft)	7.2 (2.20A/ft)	7.92 (2.41A/ft)	/	10000mm (32.81ft)	16LED/50mm
	G/B				0.4 (0.12A/ft)	10 (3.05 W/ ft)	11 (3.35 W/ ft)			
JAFT1312-24V	RGB			24	0.5 (0.15A/ft)	12 (3.66 W/ ft)	13.2 (4.02 W/ ft)	/	5000mm (16.4ft)	6*3LED/50mm
JAFT1312-24V	RGB+2700K	RGB+(2500-2700K)	/	24	0.5 (0.15A/ft)	12 (3.66 W/ ft)	13.2 (4.02 W/ ft)	135 (41LM/ft)	5000mm (16.4ft)	7*4L ED/83.3 mm
	RGB+3000K	RGB+(2800-3200K)						165 (50LM/ft)		
	RGB+4000K	RGB+(3900-4350K)						160 (49LM/ft)		
JAFT1312-24V	SPI-RGB	/	/	24	0.74 (0.23A /ft)	17.8 (5.43 W/ ft)	19.6 (5.98 W/ ft)	/	5000mm (16.4ft)	7*3LED/83.3 mm UCS5603A 12 Pixels/m
JAFT1312-24V	DMX-2700K	2550-2800K	>90	24	0.6 (0.18A/ft)	13.5 (4.12W/ ft)	14.8 (4.51W/ ft)	488 (149LM/ft)	5000mm (16.4ft)	7*3LED/83.3 mm DMX-IC: UCS512H4LB 12 Pixels/m
	DMX-3000K	2800-3200K						626 (191LM/ft)		
	DMX-4000K	3900-4350K						637 (194LM/ft)		
JAFT1312-24V	DMX-RGB	/	/	24	0.6 (0.18A/ft)	13.5 (4.12W/ft)	14.8 (4.51W/ft)	/	5000mm (16.4ft)	7*3 LED/83.3 mm UCS512H4LB 12 Pixels/m
JAFT1312-24V	DMX-RGB+2700K	RGB+(2550-2800K)	/	24	0.7 (0.21A/ft)	16.5 (5.03 W/ ft)	18.1 (5.52 W/ ft)	160 (49 LM/ft)	5000mm (16.4ft)	7*4LED/83.3mm DMX-IC: UCS512H4LB 12 Pixels/m
	DMX-RGB+3000K	RGB+(2800-3250K)						190 (58 LM/ft)		
	DMX-RGB+4000K	RGB+(3900-4350K)						200 (61LM/ft)		
JAFT1312-48V	2700K	2600-2830K	>90	48	0.2 (0.06A /ft)	10 (3.05 W/ ft)	11 (3.35 W/ ft)	625 (191LM/ft)	20000mm (65.62ft)	32LED / 100mm
	3000K	2920-3170K						660 (201LM/ft)		
	4000K	3770-4220K						730 (223LM/ft)		

Note:

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

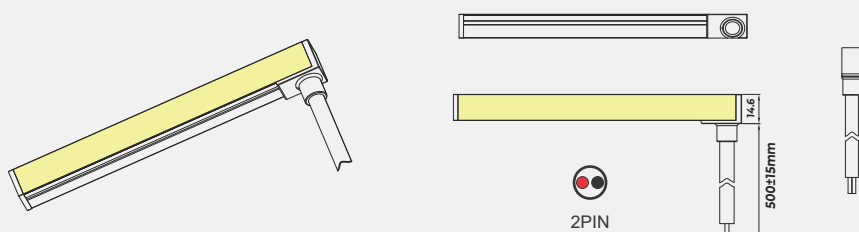
Quotations: quotes@jademar.com
To place an order: orders@jademar.com
Tel: (305) 640.0465 | Fax: (305) 640.0468
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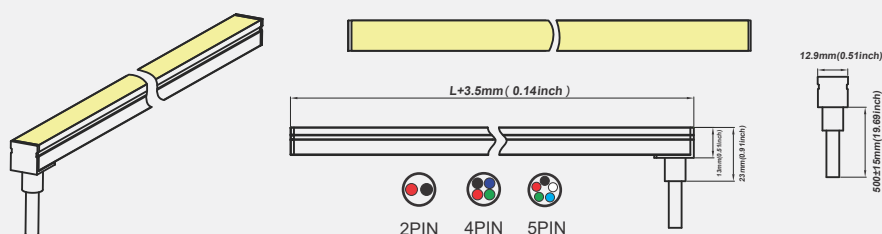
Jademar Lighting has prepared the information contained in this document with due care. However, Jademar Lighting does not warrant or represent that the information is free from errors or omission. While the information is considered to be true and correct at the date of publication, changes in circumstances after that date may impact on its accuracy. The information may change without notice and Jademar Lighting is not liable for the accuracy of any information printed and stored or interpreted or used.

IP Process Information

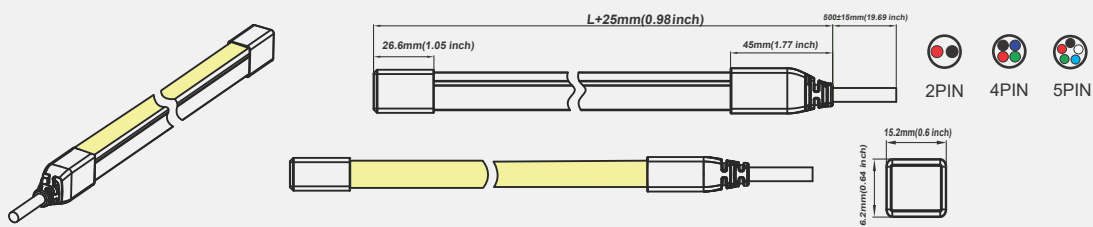
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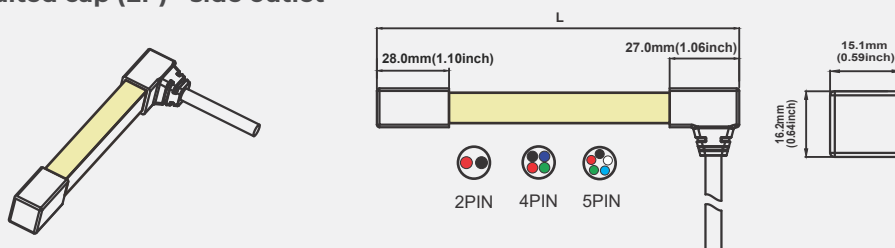
• IP67 No dark cap (ENP) - bottom outlet



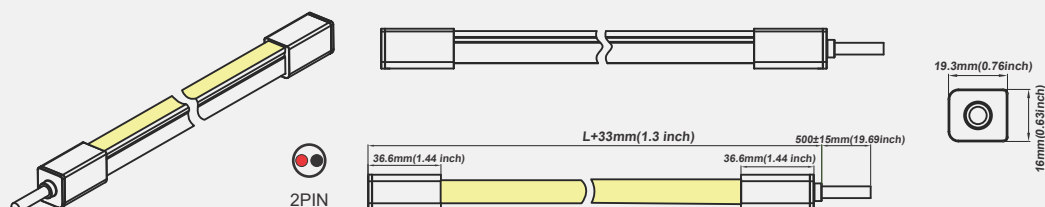
• IP67 Full encapsulated cap (EP) - top outlet



• IP67 Full encapsulated cap (EP) - side outlet

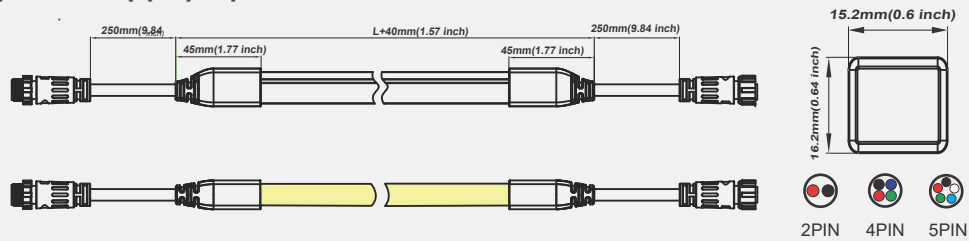


• IP65 Solder-free plug-top outlet

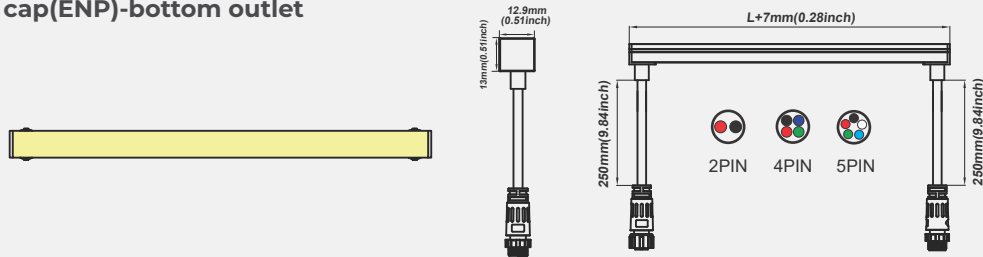


IP Process Information

• IP67 Full encapsulated cap(EP)-top outlet



• IP67 No dark cap(ENP)-bottom outlet



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



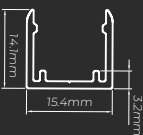
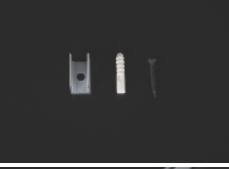
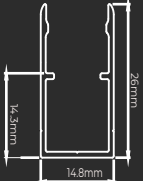
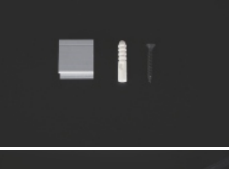
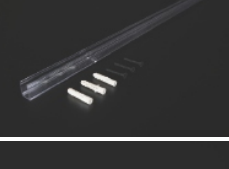
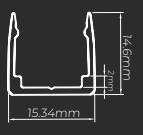
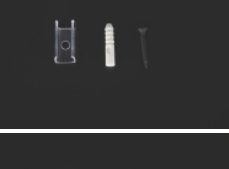
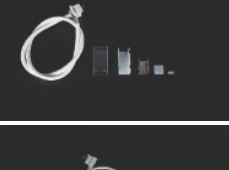
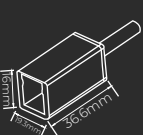
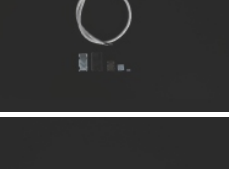
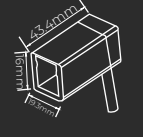
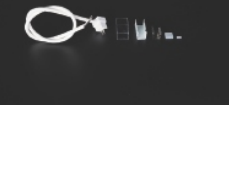
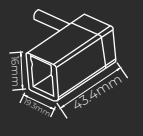
No Distortion



No Stepping

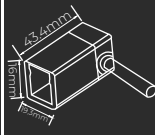
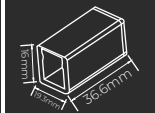
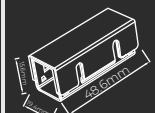
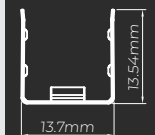
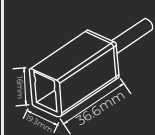
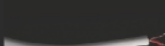


Accessories Information

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
Aluminium carrier	Flat mounting aluminum channel			JAS-NMT1312A-1000	60	0.1453	8.8	9.9	1180*125*115	Size: L1000*W15.4* H14.1mm, with screw
Aluminium clip	Flat mounting clip			JAS-NMT1312A-25	450	0.0058	2.61	2.91	250*250*150	Size: L25*W15.4* H14.1mm, with screw
Aluminum carrier	Aluminum channel of reserved outlet position			JAS-NMT1312B1-1000	64	0.1513	9.1	10.2	1180*125*115	Size:L1000*W14.8* H26mm, with screw
Aluminum clip	clip with reserved outlet position			JAS-NMT1312B1-25	300	0.0061	2.745	3.045	250*250*150	Size:L25*W14.8* H26mm, with screw
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/AHT1312U/NMT1312 /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



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 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: JAF1312/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: JAF1312/JAFT1312U/ JAHT1312/JAHT1312U/JNMT1312/ JNMT1312U white light and color light
Weld-free waterproof connector	Quick connector (wit hout wire)			JAS-NMT1312MX0-FL	96	0.026	2.496	2.75	365x365x190	IP65 suit to: JAF1312/JAFT1312U/ JAHT1312/JAHT1312U/JNMT1312/ JNMT1312U white light and color light
Moldable carrier	Moldable channel			JAS-NMT1312M-500	66	0.046	4.55	6	500*290*290	Size : L500*W13.7*H13.5mm, with screw Cannot be used upside down
Weld-free waterproof connector	Quick connector (with wire)			JAS-NMT1312MH0-FL	48	0.053	2.544	2.8	365x365x190	The middle wire is 300mm long, IP65 suit to: JAF1312/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
wire	4P PVC wire (0.5M)		/	JAS-WS-0003	150	0.0194	2.91	3.21	250*250*150	Suitable for RGB strip
wire	4P PVC wire (2M)			JAS-WS-0004	125	0.0776	9.7	10	250*250*150	

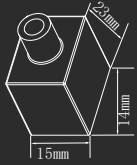
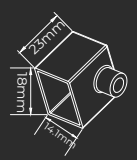
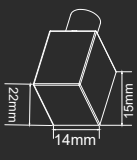


Accessories Information

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
wire	5P PVC wire (0.5M)		/	JAS-WS-0013	150	0.0195	2.925	3.364	250*250*150	Suitable for RGBW strip
wire	5P PVC wire (2M)			JAS-WS-0014	125	0.0755	9.4375	10.86	250*250*150	
connector	2PIN IP68 Waterproof connector		/	JAS-FC-0001	512	0.016	8.192	9.5	365*365*190	Suitable for single color strip
connector	4PIN IP68 Waterproof connector			JAS-FC-0003	288	0.03	8.64	9.6	365*365*190	Suitable for RGB 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)	200	0.0193	3.86	4.16	250*250*150	Suitable for monochromatic led strip Wire lengths are optional: 0.25M/0.5M/2M
				JAS-FC-0010(0.5M)	200	0.031	6.2	6.5		
				JAS-FC-0011(2M)	50	0.1012	5.06	5.36		
wire	2P female connector wire		/	JAS-FC-0012(0.25M)	200	0.0212	4.24	4.54	250*250*150	Suitable for monochromatic led strip Wire lengths are optional: 0.25M/0.5M/2M
				JAS-FC-0013(0.5M)	200	0.0329	6.58	6.88		
				JAS-FC-0014 (2M)	50	0.1031	5.16	5.48		
wire	4P T-Connection Wire		/	JAS-FC-0028	20	0.068	1.35	1.65	250*250*150	Suitable for RGB led strip Wire length 150mm
wire	4P male connector wire		/	JAS-FC-0015 (0.25M)	200	0.0196	3.92	4.22	250*250*150	Suitable for RGB led strip Wire lengths are optional: 0.25M/0.5M/2M
				JAS-FC-0016(0.5M)	200	0.0316	6.32	6.62		
				JAS-FC-0017(2M)	50	0.1036	5.18	5.48		
wire	4P female connector wire		/	JAS-FC-0018(0.25M)	200	0.0215	4.3	4.6	250*250*150	Suitable for RGB led strip Wire lengths are optional: 0.25M/0.5M/2M
				JAS-FC-0019(0.5M)	200	0.0354	7.08	7.38		
				JAS-FC-0020(2M)	50	0.1188	5.94	6.24		



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
Wire	5P T-Connection Wire		/	JAS-FC-0029	20	0.069	1.39	1.69	250*250*150	Suitable for RGBW led strip Wire length 150mm
Wire	5P male connector wire		/	JAS-FC-0021(0.25M) JAS-FC-0022 (0.5M) JAS-FC-0023 (2M)	200 200 50	0.0196 0.0316 0.1036	3.92 6.32 5.18	4.22 6.62 5.48	250*250*150	Suitable for RGBW/DMX led strip Wire lengths are optional: 0.25M/0.5M/2M
Wire	5P female connector wire		/	JAS-FC-0024(0.25M) JAS-FC-0025 (0.5M) JAS-FC-0026 (2M)	200 200 50	0.0215 0.0354 0.1188	4.3 7.08 5.94	4.6 7.38 6.24	250*250*150	Suitable for RGBW/DMX led strip Wire lengths are optional: 0.25M/0.5M/2M
Wire	5P T-Connection Wire		/	JAS-FC-0030	20	0.0698	1.396	1.696	250*250*150	Suitable for DMX led strip Wire length 150mm
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	/
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	/



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: -30°C ~ +55°C	Monochrome light strip (Use with JR6-1)
	RGB/RGBW remote control	JR8-1	output signal RF Working voltage 3VDC(CR2032) Remote control distance 30m Working temperature: Ta: 0-30 ~ 0+55	RGB/RGBW light strip (Use with JCR3-GBA/ JCR4-GBA)
	RGB controller	JCR3-GBA	Input voltage: DC12-48V Output current: 18A Output Power: Max 216W@12V/Max 432W@24V/Max 648W@36V/Max 864W@48V Working temperature: Ta: 0-30 °C ~ 0+55 °C	RGB light strip (Use with JR8-1)
	RGBW controller	JCR4-GBA	Input voltage: DC12-48V Output current : 20A Output Power: Max 240W@12V/Max 480W@24V/Max 720W@36V/Max 960W@48V Working temperature: Ta: 0-30 °C ~ 0+55 °C	RGBW light strip (Use with JR8-1)
	Symphony Controller	JK-8000C	Power supply: DC 5V-24V input Power consumption : 5W Working temperature: Ta: 0-20 °C ~ 0+85 °C	DMX/SPI magic lights with universal

