

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
JAFS1217-24V	2200K	2100-2300K	>90	24	0.625 (0.19A/ft)	15 (4.57W/ft)	16.5 (5.03A/ft)	541 (165LM/ft)	5000mm (16.4ft)	16LED/50mm
	2700K	2600-2830K						646 (197LM/ft)		
	3000K	2920-3170K						648 (198LM/ft)		
	4000K	3770-4220K						702 (214LM/ft)		
	6500K	5800-6800K						810 (247LM/ft)		
JAFS1217-24V	2200K	2100-2300K	>90	24	0.4 (0.12A/ft)	10 (3.05W/ft)	11 (3.35W/ft)	469 (143LM/ft)	10000mm (32.81ft)	16LED/50mm
	2700K	2600-2830K						538 (164LM/ft)		
	3000K	2920-3170K						538 (164LM/ft)		
	4000K	3770-4220K						669 (204LM/ft)		
	6500K	6000-7000K						632 (193LM/ft)		
JAFS1217L-24V	2200K	2100-2300K	>90	24	0.2 (0.06A/ft)	5 (1.53W/ft)	5.5 (1.68W/ft)	276 (84LM/ft)	15000mm (49.21ft)	16LED/50mm
	2700K	2600-2830K						280 (85LM/ft)		
	3000K	2920-3170K						300 (91LM/ft)		
	4000K	3770-4220K						310 (95LM/ft)		
	6500K	6150-6950K						320 (98LM/ft)		
JAFS1217-24	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 (3.05W/ft)	11 (3.35W/ft)			
JAFS1217-24	RGB				0.5 (0.15A/ft)	12 (3.66W/ft)	13.2 (4.02W/ft)	/	5000mm (16.4ft)	6*3LED/50mm
JAFS1217-24	RGB+2700K	RGB+(2550-2800K)	/	24	0.5 (0.15A/ft)	12 (3.66W/ft)	13.2 (4.02W/ft)	103 (31LM/ft)	5000mm (16.4ft)	7*4LED/83.3mm
	RGB+3000K	RGB+(2800-3200K)						122 (37LM/ft)		
	RGB+4000K	RGB+(3900-4350K)						119 (36LM/ft)		
JAFS1217-24V	SPI-RGB	/	/	24	0.74 (0.23A/ft)	17.8 (5.43W/ft)	19.6 (5.98W/ft)	/	5000mm (16.4ft)	7*3LED/83.3mm UCS5603A 12 Pixels/m
JAFS1217-24V	DMX-2700K	2550-2800K	>90	24	0.6 (0.18A/ft)	13.5 (4.12W/ft)	14.8 (4.51W/ft)	370 (113LM/ft)	5000mm (16.4ft)	7*3LED/83.3mm DMX-IC: UCS512H4LB 12 Pixels/m
	DMX-3000K	2800-3200K						460 (140LM/ft)		
	DMX-4000K	3900-4350K						460 (140LM/ft)		
JAFS1217-24V	DMX-RGB	/	/	24	0.6 (0.18A/ft)	13.5 (4.12W/ft)	14.8 (4.51W/ft)	/	5000mm (16.4ft)	7*3LED/83.3mm UCS512H4LB 12 Pixels/m
JAFS1217-24V	DMXRGB+ 2700K	RGB+(2550-2800K)	/	24	0.7 (0.21A/ft)	16.5 (5.03W/ft)	18.1 (5.52W/ft)	121 (37LM/ft)	5000mm (16.4ft)	7*4LED/83.3mm DMX-IC: UCS512H4LB 12 Pixels/m
	DMXRGB+ 3000K	RGB+(2900-3250K)						148 (45LM/ft)		
	DMXRGB+ 4000K	RGB+(3900-4350K)						151 (46LM/ft)		
JAFS1217-48V	SPI- RGB+2700K	W(2550-2800K)	>90	24	0.6 (0.18A/ft)	14.5 (4.42W/ft)	16 (4.87W/ft)	150 (45LM/ft)	5000mm (16.4ft)	7*4LED/83.3mm SPI-IC: UCS7604 12 Pixels/m
	SPI- RGB+3000K	W(2850-3250K)						110 (33LM/ft)		
	SPI- RGB+4000K	W(3900-4400K)						110 (33LM/ft)		
	SPI- RGB+6500K	W(6000-7200K)						110 (33LM/ft)		



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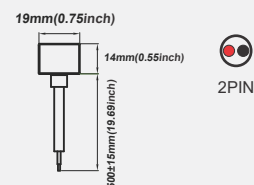
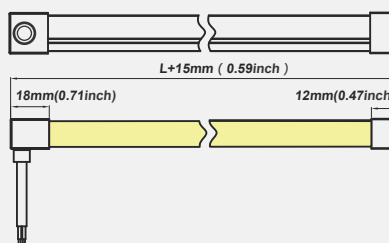
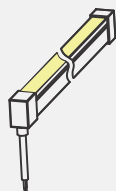
Model	CCT/colors	Color range	CRI	Input voltage (V)	Rated Current (M)	Rated Power (w/m)	Maximum Power (w/m)	Lumens (LM/m)	Standard Length	Remark
JAFS1217-48V	2700K	2600-2830K	>90	48	0.2 (0.06A/ft)	10 (3.05W/ft)	11 (3.35W/ft)	503 (153LM/ft)	20000mm (65.62ft)	32LED/100mm
	3000K	2920-3170K						530 (162LM/ft)		
	4000K	3770-4220K						606 (185LM/ft)		
JAFS1217-24V	2200K	2100-2300K	>90	48	0.09 (0.03A/ft)	4.4 (1.34W/ft)	5.0 (1.52W/ft)	220 (67LM/ft)	5000mm (16.4ft)	28LED/100mm
	2700K	2600-2830K						220 (67LM/ft)		
	3000K	2920-3170K						230 (71LM/ft)		
	4000K	3770-4220K						300 (92LM/ft)		
	6500K	6000-7000K						250 (77LM/ft)		
JAFS1217-24V	RGB	/	>90	48	0.13 (0.04A/ft)	6.3 (1.92W/ft)	7.2 (2.19W/ft)	142 (43LM/ft)	20000mm (65.62ft)	12*3LED/100mm
JAFS1217-24V	RGB+2700K	W(2550-2800K)	0.4 (0.12A/ft)	0.4 (0.12A/ft)	0.4 (0.12A/ft)	10 (3.05W/ft)	11 (3.35W/ft)	54 (16LM/ft)	20000mm (65.62ft)	14*4LED/166mm
	RGB+3000K	W(2850-3250K)						67 (20LM/ft)		
	RGB+4000K	W(3900-4400K)						76 (23LM/ft)		
	RGB+6500K	W(6000-7200K)						73 (22LM/ft)		

Note:

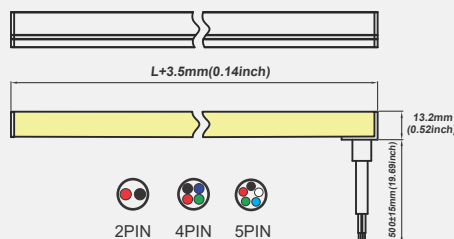
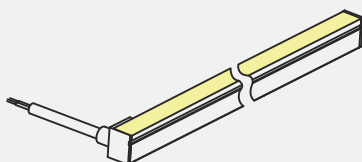
1. The above parameters are tested based on 1m/3.28ft standard products;
2. The luminous flux is allowed to have an error range of -15%~+∞;
3. The above parameters are typical values;

IP Process Information

• IP65 Glued cap - bottom outlet

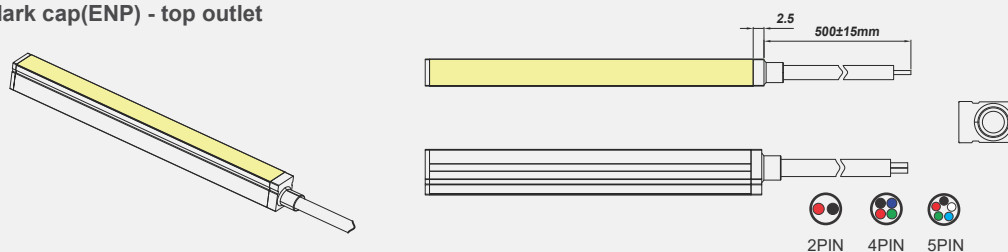


• IP67 No dark cap(ENP) - side outlet

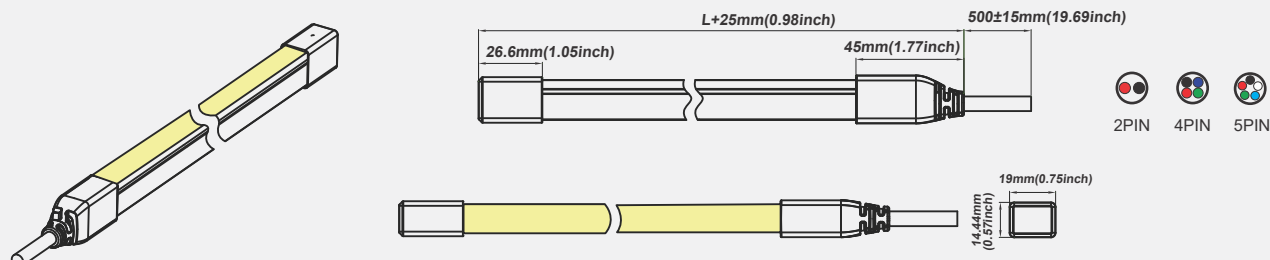


IP Process Information

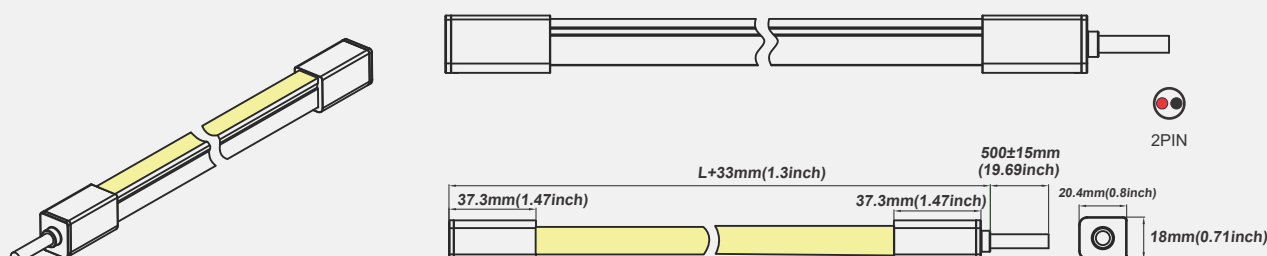
• IP67 No dark cap(ENP) - top outlet



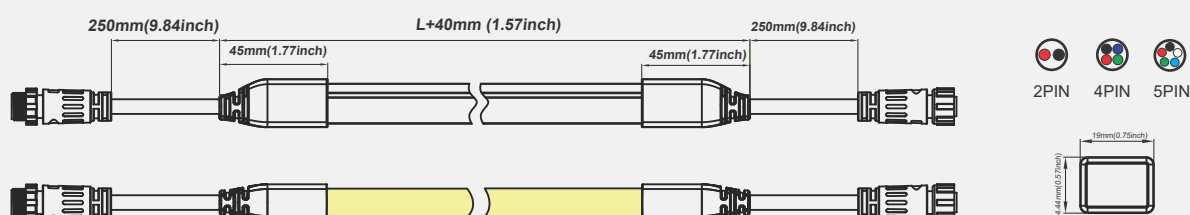
• IP67 Full encapsulated cap(EP) - top outlet



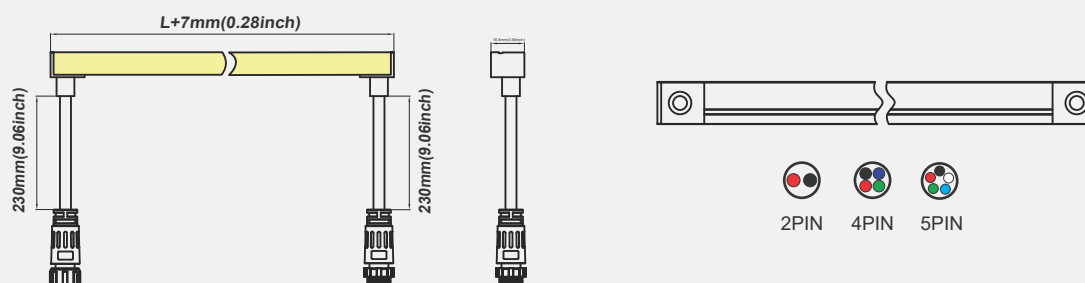
• IP65 Solder - free plug-top outlet



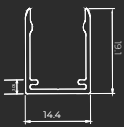
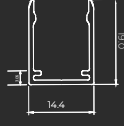
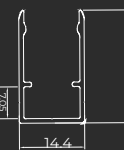
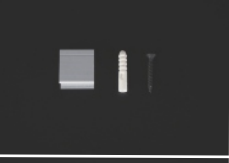
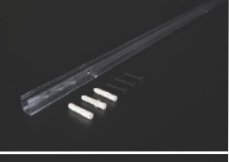
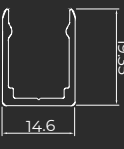
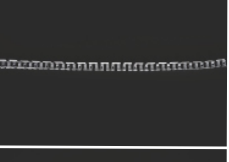
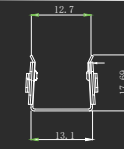
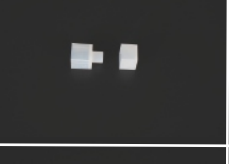
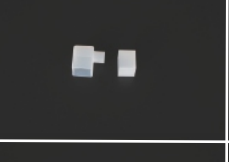
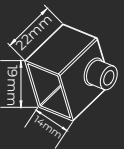
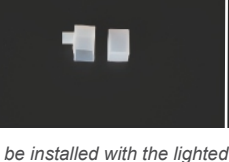
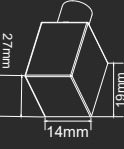
• IP67 Full encapsulated cap(EP) - top outlet



• IP67 No dark cap (ENP) - side outlet



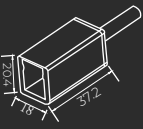
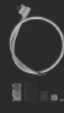
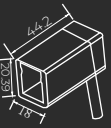
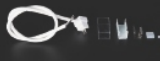
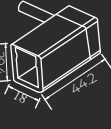
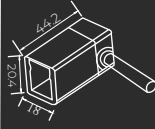
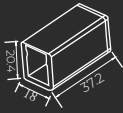
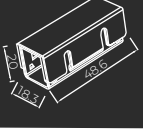
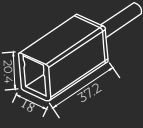
Accessories Information

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
Aluminum carrier	Flat mounting aluminum channel			JAS-NMS1217A-100	60	0.1755	10.53	11.53	1180*125*115	Size: L1000*W14.4*H18.85mm With screws
Aluminum clip	Flat mounting of clip			JAS-NMS1217A-25	300	0.0044	2.01	2.16	250*250*150	Size: L25*W14.4*H18.85mm With screws
Aluminum carrier	Aluminum channel reserved outlet position			JAS-NMS1217A1-1000	48	0.1755	8.424	9.5	1180*125*115	Size: L1000*W14.4*H24.85mm
Aluminum clip	Clip of reserved outlet position			JAS-NMS1217A1-25	300	0.0044	2.01	2.16	250*250*150	Size: L25*W14.4*H24.85mm With screws
PC carrier	Flat mounting PC channel			JAS-NMS1217P-1000	60	0.08	4.8	5.8	1180*125*115	Size: L1000*W14.6*H19.35mm With screws
PC carrier	Flat mounting of PC clip			JAS-NMS1217P-25	350	0.004	1.505	1.655	250*250*150	Size: L25*W14.6*H19.35mm With screws
Moldable carrier	Moldable channel			JAS-NMS1217M1-500	66 (33*2)	0.046	5.5	6.4	500*290*290	Size: L509*W13.1*H17.69mm With screws Cannot be used upside down
End cap set	End cap set, including end cap and plug (outlet from the top direction)			JAS-NMS1217GH0-EC	400	0.0035	1.4	1.7	250*250*150	Size: L26*W14*H19mm
End cap set	End cap set, including end cap and plug (outlet from the side direction)			JAS-NMS1217GS0-EC	400	0.0035	1.4	1.7	250*250*150	Size: L22*W14*H19mm
End cap set	End cap set, including end cap and plug (outlet from the bottom direction)			JAS-NMS1217GD0-EC	400	0.0035	1.4	1.7	250*250*150	Size : L27*W14*H19mm

Note: JAS-NMS1217M1-500 cannot be installed with the lighted side down, if you need to install it downward, we recommend using AS-NMS1217A-1000

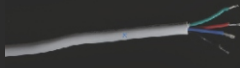
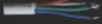


Accessories Information

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
Soldering-free waterproof end cap	Quick connector (outlet from the top direction)			JAS-NMS1217HT0-FL	48	0.048	2.3	4.115	365x365x190	Outgoing wire length 500mm/IP65 suit to: JAFS1217 /JAHS1217/JNMS1217 white light and color light
Soldering-free waterproof end cap	Quick connector (outlet from the bottom direction)			JAS-NMS1217HB0-FL	48	0.048	2.3	4.115	365x365x190	Outgoing wire length 500mm/IP65 suit to: JAFS1217 /JAHS1217/JNMS1217 white light and color light
Soldering-free waterproof end cap	Quick connector (outlet from the left direction)			JAS-NMS1217HL0-FL	48	0.048	2.3	4.115	365x365x190	Outgoing wire length 500mm/IP65 suit to: JAFS1217 /JAHS1217/JNMS1217 white light and color light
Soldering-free waterproof end cap	Quick connector (outlet from the right direction)			JAS-NMS1217HR0-FL	48	0.048	2.3	4.115	365x365x190	Outgoing wire length 500mm/IP65 suit to: JAFS1217 /JAHS1217/JNMS1217 white light and color light
Soldering-free waterproof end cap	Quick connector (end cap)			JAS-NMS1217TX0-FL	48	0.035	1.68	3.495	365x365x190	IP65 suit to: JAFS1217 /JAHS1217/JNMS1217 white light and color light
Soldering-free waterproof connector	Quick connector (without wire)			JAS-NMS1217MX0-FL	96	0.028	2.688	2.96	365x365x190	IP65 suit to: JAFS1217 /JAHS1217/JNMS1217 white light and color light
Soldering-free waterproof connector	Quick connector (with wire in the middle)			JAS-NMS1217MH0-FL	48	0.058	2.784	3.062	365x365x190	The middle wire is 300mm long, IP65 suit to: JAFS1217 /JAHS1217/JNMS1217 white light and color light
Glue	588G acidic 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	0.015 41	2.31	2.61	250*250*150	Suitable for single color strip
Wire	2P PVC wire (2M)		/	JAS-WS-0002	125	0.06 16	7.7	8	250*250*150	Suitable for single color strip



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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	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	
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



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	4P male connector wire		/	JAS-FC-0015 (0.25M) JAS-FC-0016 (0.5M) JAS-FC-0017(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 RGB led strip Wire lengths are optional: 0.25M/0.5M/2M
Wire	4P female connector wire		/	JAS-FC-0018 (0.25M) JAS-FC-0019(0.5M) JAS-FC-0020(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 RGB led strip Wire lengths are optional: 0.25M/0.5M/2M
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

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)
	Monotone 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 °C~0+55 °C	RGB/RGBW light strip (Use with JCR3-GBA/ JCR4-GBA)



Product System Control Solutions

Product Image	Product name	SKU	Product specifications	Applicable Products
	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: -30°C— +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: -30°C— +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

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

