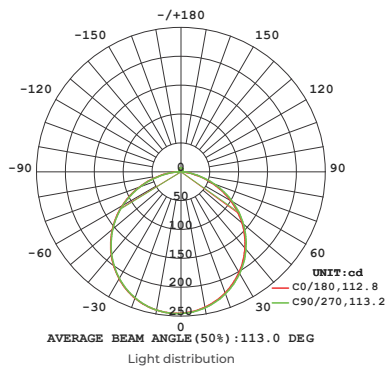
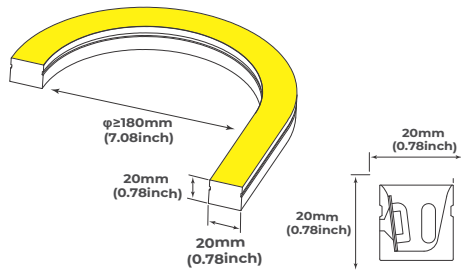
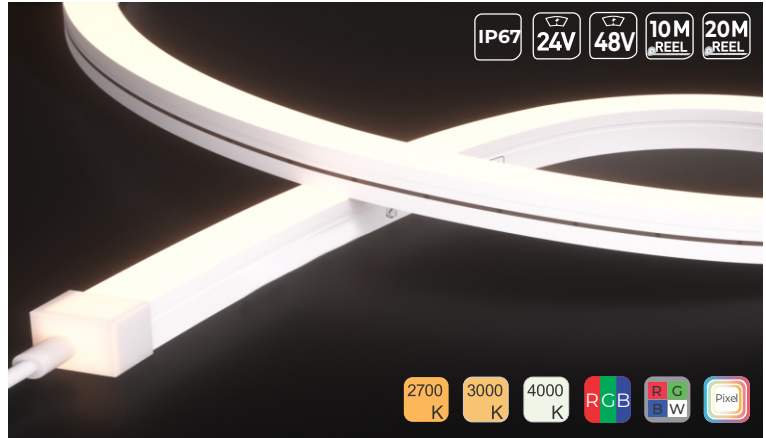


Product Description

- 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 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.



Flux out: 522.6 lm

Height	Beam Diameter	Beam Diameter	Beam Diameter
1m	70.16, 245.61lx	301.08cm	
2m	17.54, 61.41lx	602.16cm	
3m	7.79, 27.29lx	903.23cm	
4m	4.38, 15.35lx	1204.31cm	
5m	2.80, 9.82lx	1505.39cm	
6m	1.94, 6.82lx	1806.47cm	
7m	1.43, 5.01lx	2107.54cm	
8m	1.09, 3.88lx	2408.62cm	
9m	0.86, 3.03lx	2709.70cm	
10m	0.70, 2.45lx	3010.78cm	

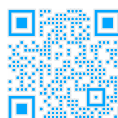
Note: The Curves indicate the illuminated area and the average illumination when the luminaire is at different distance.

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: JAFS2020-24V-27K-90-16.4-ENP-T-LC6FT

Product Series	CCT	CRI	Max Strip Length per Power Input	IP Options	Entry Cable Positions	Lead Cable Length
JAFS2020-24V	27K 2700K 30K 3000K 40K 4000K <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	ENP IP67 molded end cap	T One-end top DT Dual-end top B One-end bottom DB Dual-end bottom 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 Green B Blue <i>Max length 65.6FT</i>					
	W-27K RGB+(2550-2800K) W-30K RGB+(2800-3200K) W-40K RGB+(3900-4350K) <i>Max length 65.6FT</i>	90 >90 CRI				
	DMX-W-27K RGBW+(2550-2800K) DMX-W-30K RGBW+(2800-3250K) DMX-W-40K RGBW+(3900-4350K) <i>Max length 65.6FT</i>					
JAFS2020-48V	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

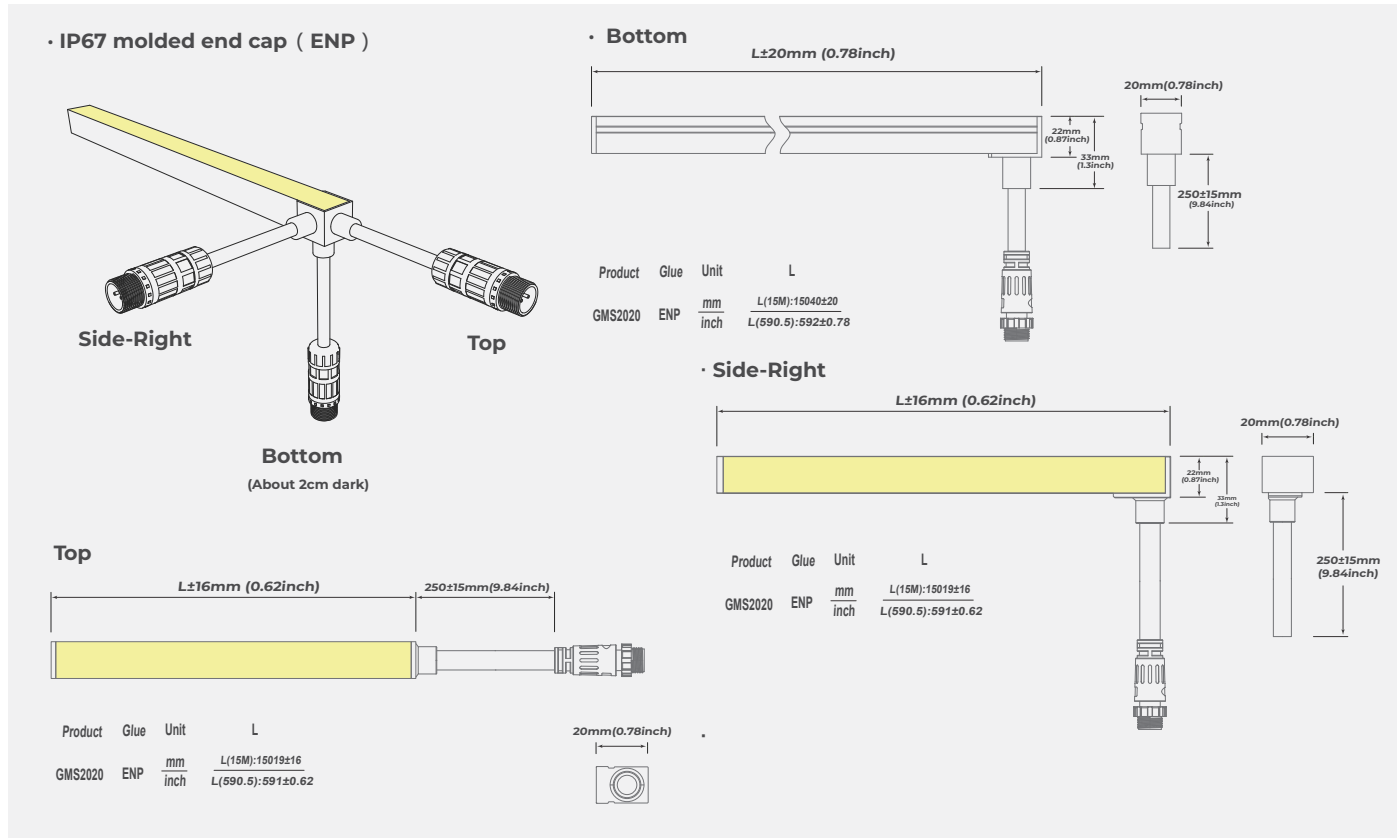
Model	CCT/colors	Color range	CRI	Input voltage (V)	Rated Current (M)	Rated Power (w/m)	Maximum Power (w/m)	Lumens (LM/m)	Standard Length	Remark
JAFS2020-24V	2700 K	2600-2830K	>90	24V	0.42 (0.13A/ft)	10 (3.05W/ft)	11 (3.35W/ft)	574(175/ft)	10000mm (32.8ft)	16LED / 50mm
	3000 K	2920-3170K						619(189/ft)		
	4000 K	3770-4220K						734(224/ft)		
JAFS2020-48V	2700 K	2600-2830K	>90	48V	0.21 (0.06A/ft)	10 (3.05W/ft)	11 (3.35W/ft)	499(152/ft)	20000mm (65.6ft)	32LED / 100mm
	3000 K	2920-3170K						549(167/ft)		
	4000 K	3770-4220K						602(184/ft)		
JAFS2020-24V	RGB		/	24V	0.5 (0.15A/ft)	12 (3.65W/ft)	13.2 (4.02W/ft)		5000mm (16.4ft)	6LED /50mm
	R 620-625nm									
	G 515-520nm									
JAFS2020-24V	B 455-460nm		/	24V	0.5 (0.15A/ft)	12 (3.65W/ft)	13.2 (4.02W/ft)		5000mm (16.4ft)	7LED / 83.3mm
	W~2700K RGB+(2550-2800K)							123(38/ft)		
	W~3000K RGB+(2800-3200K)							141(43/ft)		
JAFS2020-24V	W~4000K RGB+(3900-4350K)		>90	24V	0.6 (0.18/ft)	13.5 (4.12W/ft)	14.8 (4.51W/ft)		5000mm (16.4ft)	7LED/83.3mm DMXIC: (UCS512H4LB) 12Pixels/m
	W~2700K RGB+(2550-2800K)							123(38/ft)		
	W~3000K RGB+(2800-3250K)							141(43/ft)		
JAFS2020-24V	W~4000K RGB+(3900-4350K)		>90	24V	0.69 (0.21A/ft)	16.5 (5.03W/ft)	18.1 (5.52W/ft)		5000mm (16.4ft)	7LED / 83.3mm (DMX-IC:UCS512H4LB)1 2Pixels/m)
	W~2700K RGB+(2550-2800K)							123(38/ft)		
	W~3000K RGB+(2800-3250K)							141(43/ft)		
JAFS2020-24V	2700 K	2550-2800K	>90	24V	0.56 (0.17A/ft)	13.5 (4.12W/ft)	14.8 (4.51W/ft)	442(135/ft)	5000mm (16.4ft)	7LED/83.3mm DMX-IC: (UCS512H4LB) 12Pixels/m
	3000 K	2800-3200K						570(174/ft)		
	4000 K	3900-4350K						595(181/ft)		
JAFS2020-24V	2700 K	2600-2830K	>90	24V	0.21 (0.07A/ft)	5 (1.53W/ft)	5.5 (2.75W/ft)	305(93/ft)	15000mm (49.2ft)	16LED / 50mm
	3000 K	2920-3170K						315(96/ft)		
	4000 K	3770-4220K						350(107/ft)		
JAFS2020-24V	G B	/	/	24V	0.42 (0.13A/ft)	10 (3.05W/ft)	11 (3.35W/ft)	/	10000mm (32.8ft)	16LED / 50mm

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



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.



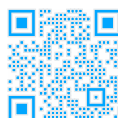
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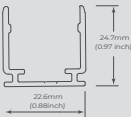
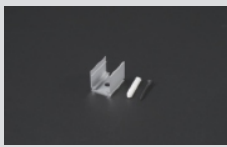
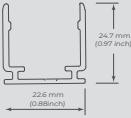
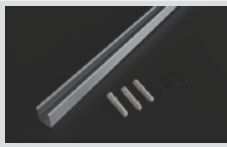
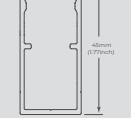
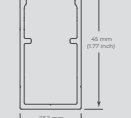
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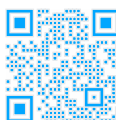


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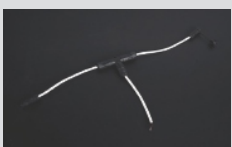


Accessories Information

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 groove			JAS-GMS/T2020A-1000	32	0.25	8.192	10.142	1180*135*130	Size: L1000*W22.6* H24.7mm with screw
Aluminum clip	Flat mounting clip			JAS-GMS/T2020A-25	640	0.006	5.12	5.42	250*250*150	Size: L25*W22.6* H24.7mm with screw
Aluminium carrier	Aluminum groove with reserved wire outlet			JAS-GMS/T2020A1-1000	16	0.495	8.016	9.966	1180*135*130	Size: L1000*W23.2* H45mm with screw
Aluminum clip	clip with reserved wire outlet			JAS-GMS/T2020A1-25	360	0.0117	4.932	5.232	250*250*150	Size: L25*W23.2* H45mm with screw
glue	588G Acid glue		/	JAS-PG-0002	150	0.014	2.1	2.4	250*250*150	10ml/pcs
Wire	2P DC wire (Male)		/	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 DC wire (Female) (Top)		/	JAS-FC-00012 (0.25M) JAS-FC-0013 (0.5M) JAS-FC-0014 (2M)	200 200 50	0.0212 0.0329 0.1031	4.24 6.58 5.155	4.54 6.88 5.48	250*250*150	Suitable for monochromatic led strip Wire lengths are optional: 0.25M/0.5M/2M
Wire	2P T-Connection Wire		/	JAS-FC-0027	20	0.0652	1.304	1.604	250*250*150	Suitable for monochromatic led strip Wire length 150mm
Wire	4P DC wire (Male)		/	JAS-FC-0015 (0.25M) AS-FC-0016 (0.5M) AS-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 DC wire (Female)		/	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



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 T-Connection Wire		/	JAS-FC-0028	20	0.0675	1.35	1.65	250*250*150	Suitable for RGB led strip Wire length 150mm
Wire	5P DC wire (Male)		/	JAS-FC-0021 (0.25M) JAS-FC-0022 (0.5M) JAS-FC-0023 (2M)	200 200 50 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 DC wire (Female)		/	JAS-FC-0024 (0.25M) JAS-FC-0025 (0.5M) JAS-FC-0026 (2M)	200 200 50 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-0029	20	0.0694	1.388	1.688	250*250*150	Suitable for RGBW led strip Wire length 150mm
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
Plug	Silicone Plug Set. Includes plug and plug end (Top)		/	JAS-GMS2020GH0-EC	200	0.0048	0.976	1.276	250*250*150	/
Plug	Silicone Plug Set. Includes plug and plug end (Side)		/	JAS-GMS2020GS0-EC	200	0.0055	1.114	1.414	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 °C~0+55 °C	RGB/RGBW light strip (Use with JCR3-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: -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

