

Specification

Eco series DJ120-24V-14,4W



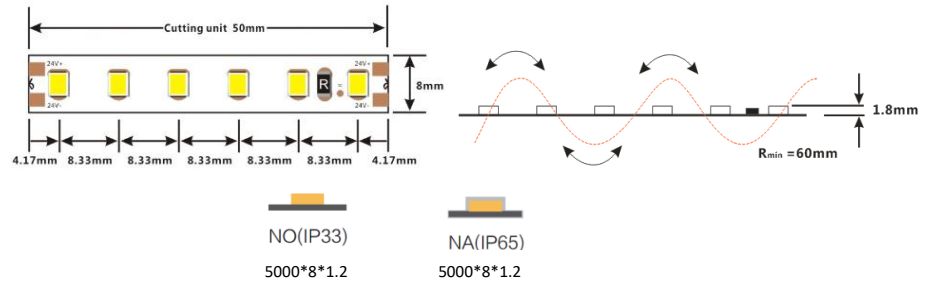
General description

- ※CUL/CE certificated
- ※LM-80 approved,3 years warranty
- ※IP20/IP55/IP65/IP67 applied



Dimensions

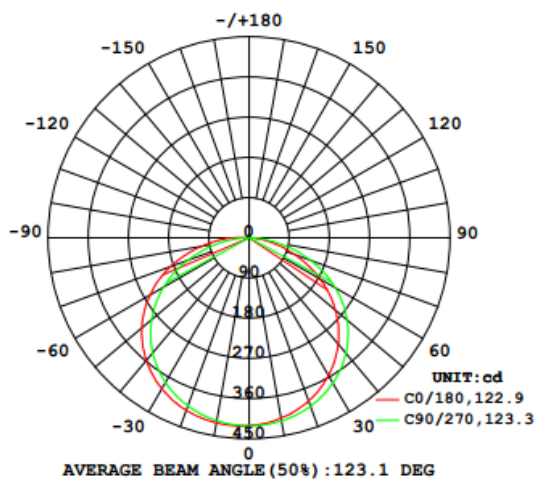
Max.length: 5000mm
Cutting unit: 50mm/6leds
LED pitch: 8.33mm
Min. bend diameter: Φ 60mm
Mounting: 3M tape
IP: IP20/IP65



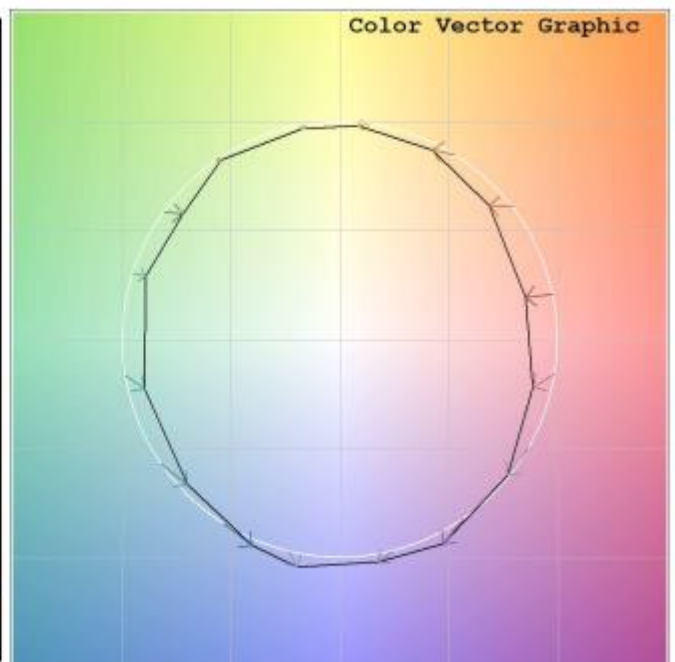
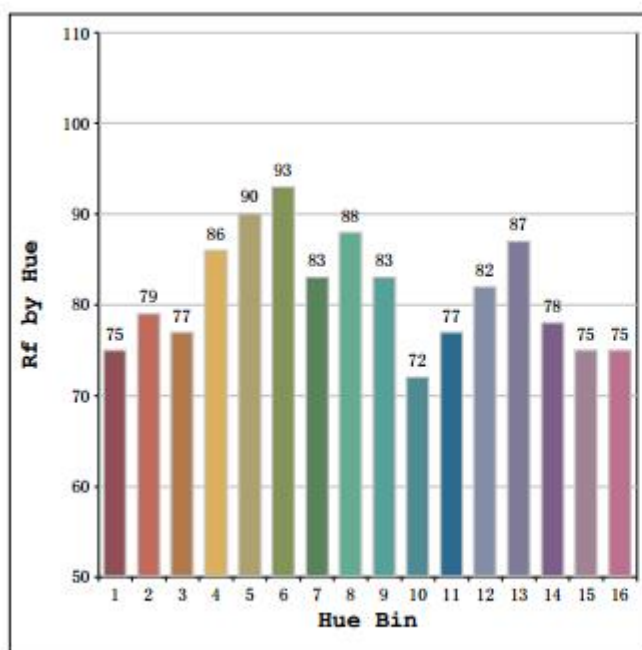
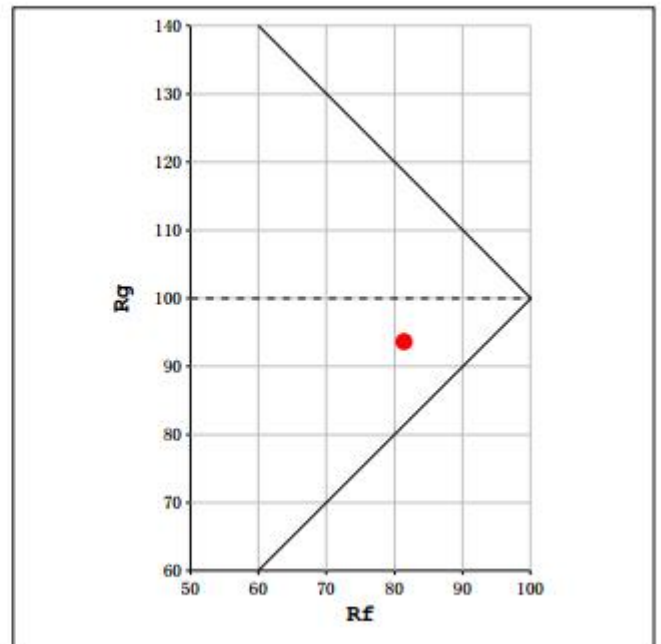
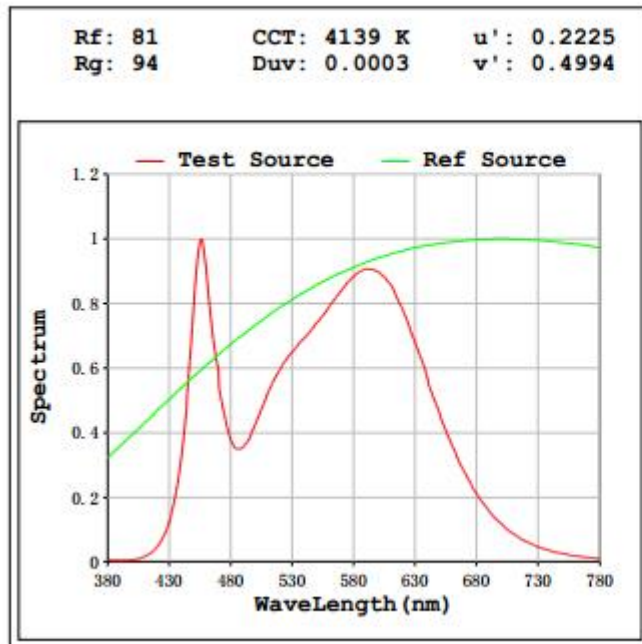
Electronic & output data

I Input voltage: 24VDC
Rated current: 0.563A(1meter) /2.52A(5meter)
Typical Power: 13.5W(1meter) /60.5W(5meter)
Power range: 12.5 ~14.4W
Max.power: 14.4W ($I_f=30mA$)
CRI: >80
On-off times: >10000

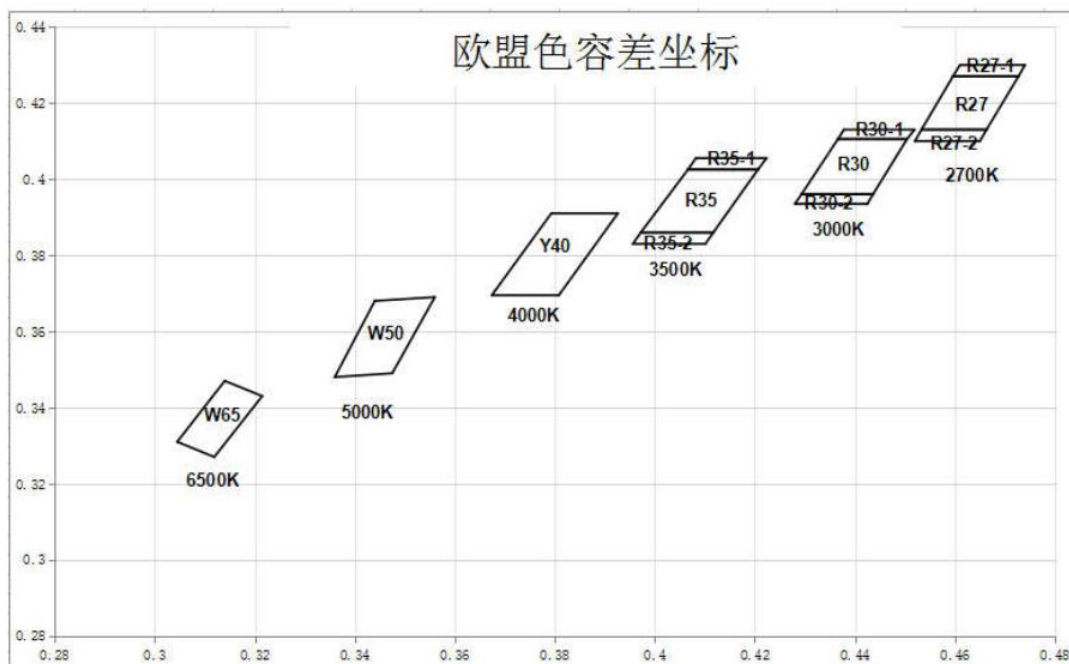
Color	SW	WW	PW	DW	W
CCT	2700K	3000K	3500K	4000K	6000K
Lumen	1180lm	1200lm	1240lm	1320lm	1280lm
Lm/W	87	89	92	98	95
Energy efficiency class	A+	A+	A+	A+	A+
1. The tolerance of output data can be vary up to 10% 2. the output data tested according to IES LM-79-08 3. the output data is based on IP33/1merter					



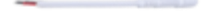
Height	Eavg, Emax	Angle:122.89deg	Diameter
1m	95.97,420.71x		367.51cm
2m	23.99,105.21x		735.01cm
3m	10.66,46.741x		1102.52cm
4m	5.998,26.291x		1470.03cm
5m	3.839,16.831x		1837.53cm
6m	2.666,11.681x		2205.04cm
7m	1.959,8.5851x		2572.55cm
8m	1.500,6.5731x		2940.05cm
9m	1.185,5.1931x		3307.56cm
10m	0.9597,4.2071x		3675.07cm



BIN



Accessories Information

Type	Name	Picture	Code	Color	protection technique	Remark
wire cable with connector	red and black cable		94.31.20201201 (head) / 94.31.20201202 (tail)	red/black	NO/ST/SF/NA/SG	20AWG L=120mm
	Two core SM-male wire		94.34.20201501	red/black	NO	20AWG L=150mm
	Two core SM-female wire		94.34.20201502	red/black	NO	20AWG L=150mm
	Two core DC-male wire		94.35.20201501	black	NO/SG	20AWG L=150mm
	Two core DC-female wire		94.35.20201502	black	NO/SG	20AWG L=150mm
	Two core PVC-male wire		94.35.21201501	white	ST/SF/NA/SG	20AWG L=150mm
	Two core PVC-female wire		94.35.21201502	white	ST/SF/NA/SG	20AWG L=150mm
	Two core Lucid wire		94.32.20202001	transparent	ST/SF/NA/SG	20AWG L=200mm
	Two core Lucid-male wire		94.35.23201501	transparent	ST/SF/NA/SG	20AWG L=150mm
	Two core Lucid-female wire		94.35.23201502	transparent	ST/SF/NA/SG	20AWG L=150mm
	single pin,"-"-shape wire connector		94.50.110300001	transparent	-	Wire Diameter < 2.1mm
	single pin,"T"-shape wire connector		94.50.110000001	transparent	-	Wire Diameter < 2.1mm

		double pin,"-"shape wire connector		94.50.210300001	transparent	-	Wire Diameterer <2.1mm
		double pin,"T"shape wire connector		94.50.210000001	transparent	-	Wire Diameterer <2.1mm
		Split-box		94.51.110000001	white	-	-
		Quick wiring		94.51.110000002	transparent /black	-	Wire Diameterer <2.1mm
connector		Solder free terminal		94.42.620800001	transparent	NO	-
		Solder free terminal		94.42.620800002	transparent	NO	-
		Solder free terminal		94.42.620800003	transparent	SG	-
		Solder free terminal		94.42.620800004	transparent	SG	-
Fixed parts		8mm Fixed clasp		94.19.000800001	transparent	ST/SF/SG	-
		8mm Tube clamps		94.19.010800004	transparent	NO	-
		8mm Tube clamps		94.19.010800003	transparent	SG	-
		8mm No silicone hole plug		94.18.010800001	transparent	ST/SF	-
		8mm Silicone single hole plug		94.18.010800002	-	ST/SF	-
		Stopper glue		94.16.030100001	-	ST/SF	-

Order Code Formats

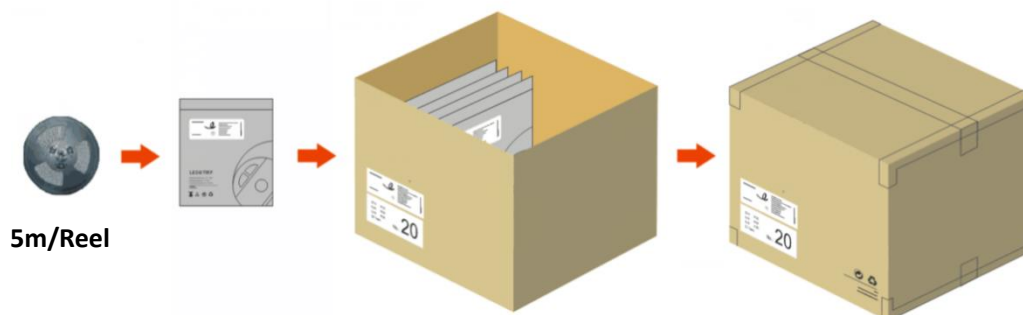
1:Category		2:LED		3:LED/m		4:Voltage		5:FPC Width		6:IP Process		7:CRI		8:CCT	
D	-	J	2835	120	120LED	24	24V	08	8mm	NO	NO	8	>80	SW	2700K
										NA	NANO			WW	3000K
														PW	3500K
														NW	4000K
														W	6000K

9:Silk Printing		10: Entery cable		11:Wire type		12:Wire length		13:Tape type		14:Label Type		15: Strip Length	
C	COLORS	S	Single	A	red and black cable	012	12cm	W	White 3M	C	COLORS	0050	0.5m
S	customized	D	doubel	B	SM-male wire	015	15cm	Y	Yellow 3M	S	customized	0100	1m
N	Neutral	X	Nothing	C	SM-female wire	020	20cm	R	Red tape			0200	2m
				X	Nothing	050	50cm	X	Nothing			0500	5m
						000	Nothing					5000	50m

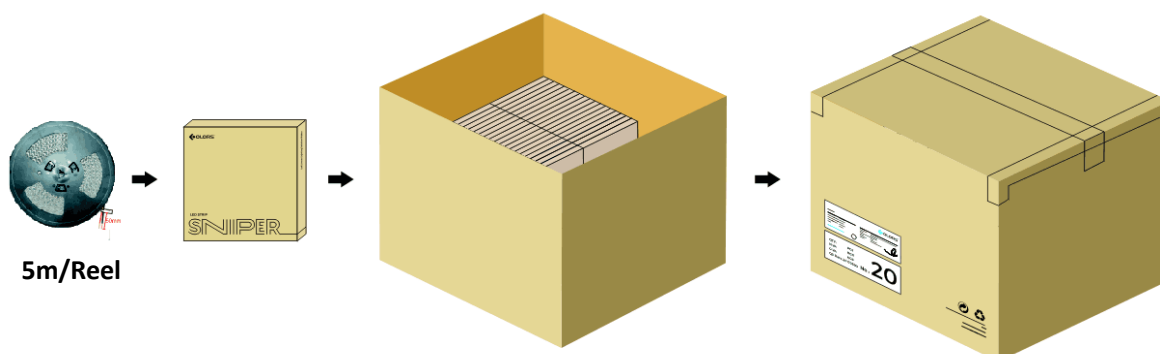
DJ1202408NO-8NWCD A012WC0500

Packing

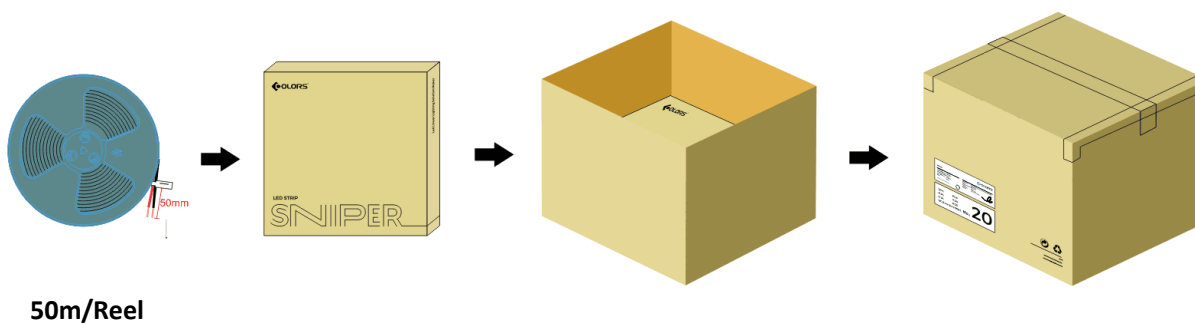
1. Non- brand of NO(IP20)/NA(IP65).



2. Brand of NO(IP20)/NA(IP65).



3. Engineering packaging of NO(IP20).



Disclaimer

- ※ Please drive the led strip with 24VDC isolated power, and the ripple of the constant voltage source should be less than 5%.
- ※ Please do not bend the strip into an arc with a diameter less than 60mm to ensure the longevity and reliability.
- ※ Do not fold it in case any damage of LED beads.
- ※ Do not pull the power wire hard to ensure the longevity. Any Crash may damage the LED light is prohibited.
- ※ Please make sure the wire is connected to the anode and cathode correctly. The power output should be consistent with the voltage of the strip to avoid damage.
- ※ LED lights should be stored in dry, sealed environment. Please only unpack it before usage. Ambient temperature: -20 °C ~ + 40 °C. Storage temperature: -0 °C ~ + 60 °C. Please use the strips without waterproof within indoor environment with humidity less than 70%.
- ※ Please be careful during operation. Do not touch the AC power supply in case of electric shock.
- ※ Please leave at least 20% power for the power supply during using to ensure there is enough power supply to drive the product.
- ※ Do not use any acid or alkaline adhesives to fix the product (e.g.: glass cement).

