

# Specification

ECO series  
DJ240-24V-10mm



▼ **General description**

- High cost performance
- High density lamp, more uniform light
- Provide 4 white light options for 2700-6500K



▼ **Dimension**

Max.length: 5000mm

Cutting unit: 6leds/25mm

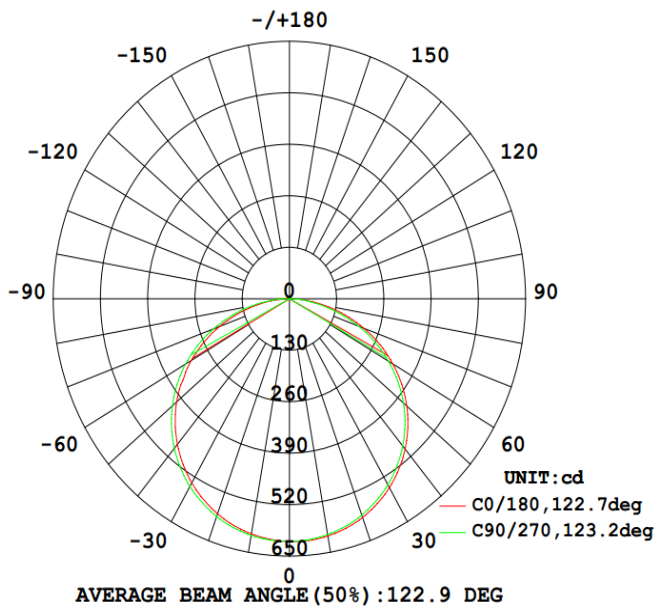
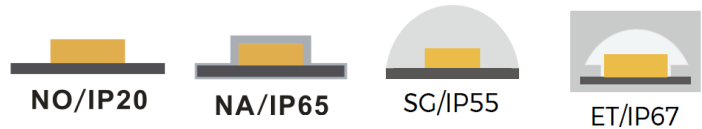
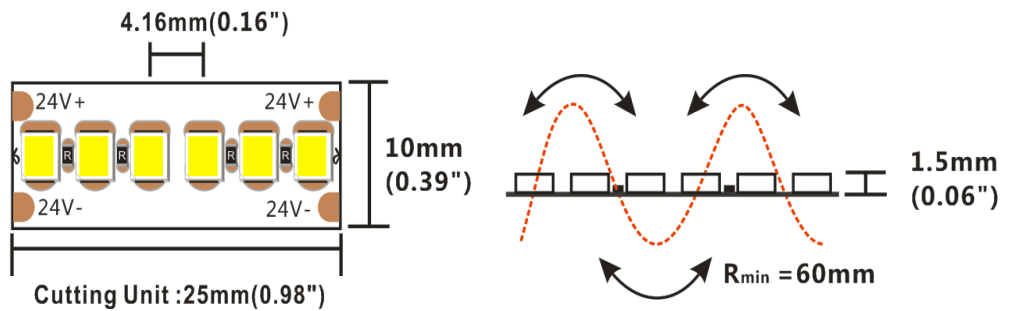
LED pitch: 4.16mm

Min. bend diameter: Φ60mm

Mounting: 3M tape

IP: IP20/IP65/IP55/IP67

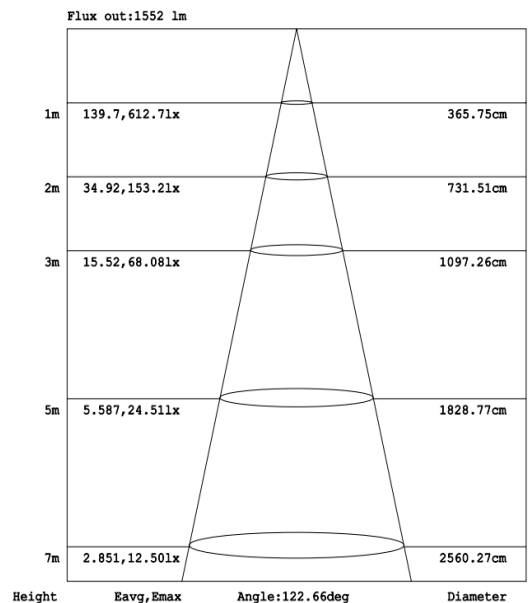
Warranty: 3years



**Photometric of 1M strip**

※Max.length data is based on 10% voltage drop

※Warranty is based on indoor use



**AAI Figure**

### ▼ Electronic & output data

Input voltage: DC24V

Rated current: 0.72A(1m) /2.79A(5m)

Typical Powe: 17.3W(1m) /67W(5m)

CRI: 80

Max.power: 19.2W

On-off times: 10000 (test times)

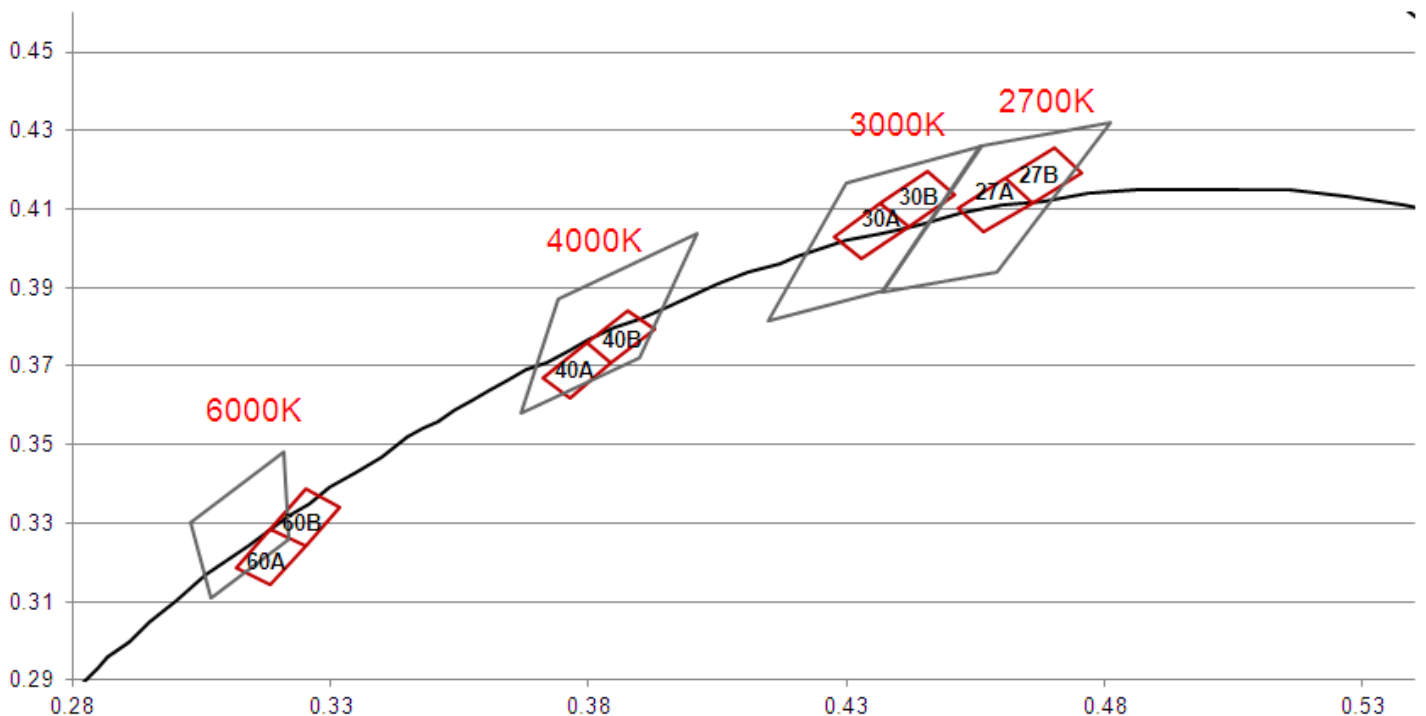
Power range: 15.6~19.2W

Copper foil: 2oz





CRI	Color	CCT	Lumen(lm)	lm/W	Energy efficiency class
Ra>80	SW	2700K	1580	82	A
Ra>80	WW	3000K	1700	88	A
Ra>80	NW	4000K	1800	93	A+
Ra>80	W	6000K	1700	88	A

- 1.The tolerance of output data can be vary up to 15%
- 2.the output data tested according to IES TM-30-15
- 3.the output data is based on IP20/1merter, data of 5m in only for reference
- 4.IP protection process leads changes to size, CCT and luminous flux

### ▼ BIN



## ▼ IP Process

IP Process	Picture	description	Size	optional CCT/color for finished product	lumen output rate
NO	 NO/IP20	No proof	10mm*1.5mm	2700K, 3000K 4000K, 6000K	100%
NA	 NA/IP65	Nano-proof	10mm*1.5mm	2700K, 3000K 4000K, 6000K	98%
SG	 SG/IP55	Gel coating	10mm*2.8mm	3300K, 3800K, 5900K, 15000K	90%
ET	 ET/IP67	Extrusion tube	10mm*4.8mm	2700K, 3000K 4000K, 6000K	88%

## ▼ Accessories Information

Name	Picture	Code	description
Connector for wire and FPC		94-03-00-0037	10mm width, 2PIN connector of wire and FPC,suitable for white color strip, NO/NA,2PIN wire18- 22AWG
Connector for FPC and FPC		94-42-621020004	10mm width, 2PIN connector of FPC and FPC,suitable for white color strip,NO/NA
Fixed Clip		94-02-00-0018	transparent, 3*8mm self-tapping screws, suitable for 10mm FPC, NO/NA LED strip
Fixed Clip		94-02-00-0016	Fixed clip, transparent, 3*8mm self-tapping screws, suitable for 10mm FPC, SG LED strip
Fixed Clip		94-02-00-0003	Silicone clip, screw: PA 3*8mm, suitable for 10mm FPC,EH/EF/ET strip
Silicone end cap set		94-02-00-0022	Silicone end cap set, including end cap and plug, suitable for 10mm FPC,EH/ET/EF silicone extrusion strip
Mounting groove		94-02-00-0025	Transparent PVC mounting groove,suitable for 10mm FPC,silicone extruded EF/ET strip
Stopper glue		94-16-03010001	Silicone gel, suitable for ST/ET/EH/EF/SF waterproof LED strip

### ▼ Order Code Formats

1: Category		2: LED		3: LED/m		4: Voltage		5:FPC Width		6: IP Process		7: CRI		8: CCT	
D	-	J	2835J	240	240 LED	24	24V	10	10mm	NO	No proof	8	>80	SW	2700K
										NA	Nano-proof			WW	3000K
										SG	Gel coating			NW	4000K
										ET	Extrusion tube			W	6000K
D		J		240		24		10		NO		8		SW	

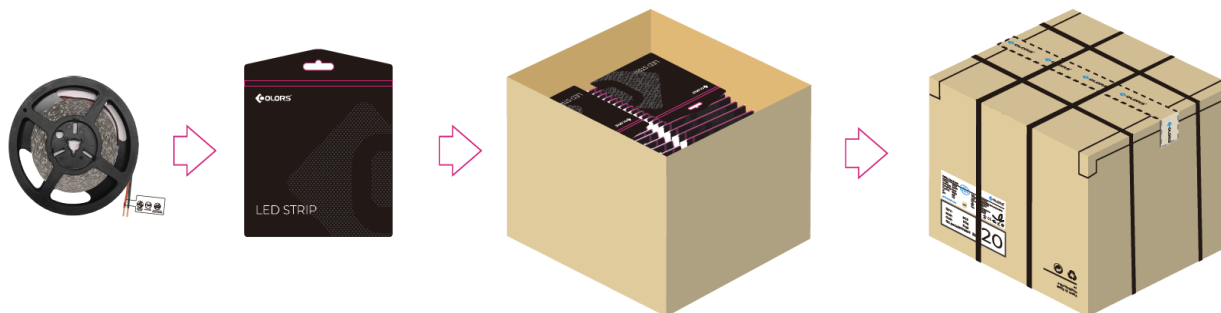
  

9: Silk Printing		10: Entry cable		11: Wire type		12: Wire length		13: Tape type		14: Label Type		15: Strip Length	
N	Neutral	S	Single	A	red and black cable	012	12cm	W	White 3M	C	COLORS	0100	1m
		D	Double	B	SM-male wire	020	20cm	Y	Yellow 3M	S	Customized	0500	5m
		X	Nothing	C	SM-female wire	050	50cm	X	Nothing			5000	50m
				X	Nothing	100	100cm						
						0	Nothing						
N		S		A		012		W		C		0100	

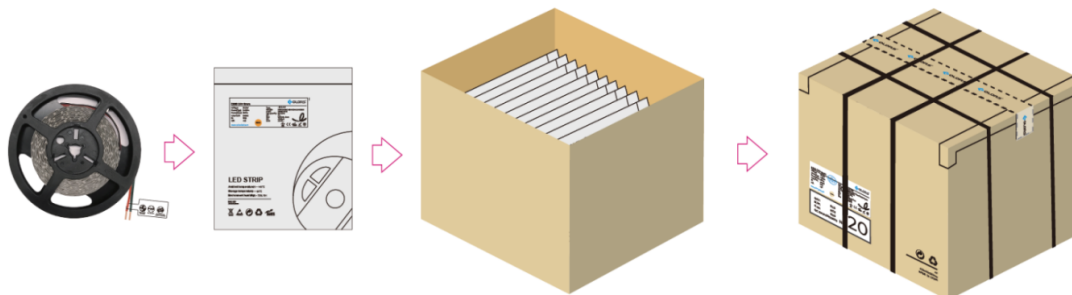
DJ2402410NO-8SWNSA012WC0500

### ▼ Packing

#### Colors brand package



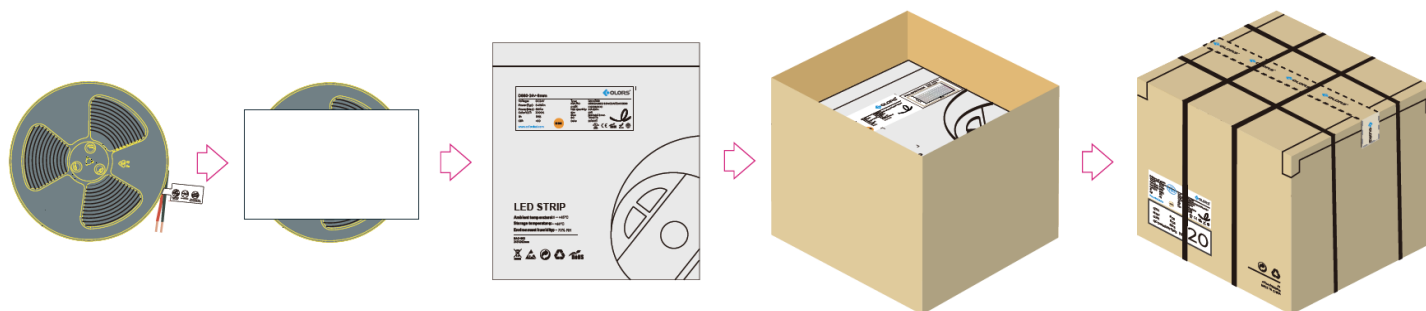
#### General customized package



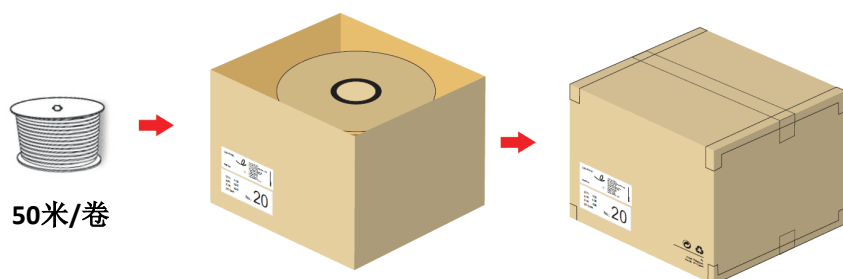
IP Process	Product size(mm)	Product quantity (m/reel)	Product quantity (m/case)	Product net weight(kg)	Net weight per box (kg)	Gross weight (kg)	Package size (mm)
NO	5000*10*1.5	5	250	0.156	7.8	8.97	410*410*260
NA	5000*10*1.5	5	250	0.159	7.95	9.1425	410*410*260
SG	5000*10*2.8	5	250	0.247	12.35	14.203	410*410*260
ET	5000*10*4.8	5	200	0.506	20.24	23.276	410*410*260

Remark: data with 10% tolerance

### Engineering packaging of NO(IP20)/NA(IP65)



### 工程包装 ET(IP67)



IP Process	Product size(mm)	Product quantity (m/reel)	Product quantity (m/case)	Product net weight(kg)	Net weight per box (kg)	Gross weight (kg)	Package size (mm)
NO	50000*10*1.5	50	600	1.56	15.6	17.94	410*410*260
NA	50000*10*1.5	50	600	1.59	15.9	18.285	410*410*260
ET	50000*10*4.8	50	100	5.68	11.36	13.064	255*255*260

Remark: data with 10% tolerance

### ▼Precautions

- ※ 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: -25°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).