

# Specification

DF8-24V-8mm



▼ General description

- Light line and dot-free with big emitting angle
- CRI>90,80LM/W,800LM/M
- Easy installation and maintaining
- 2700K\3000K\4000K\6500K\R\G\B optional



▼ Dimension

※Max.length: 5000mm

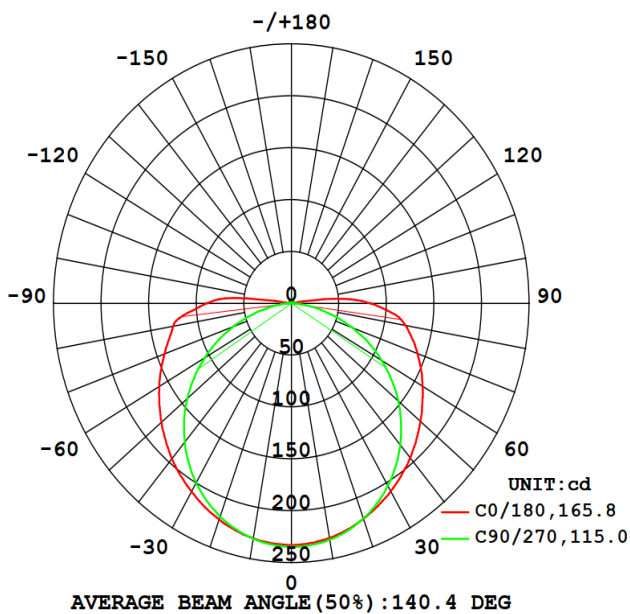
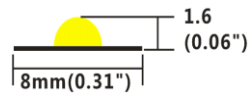
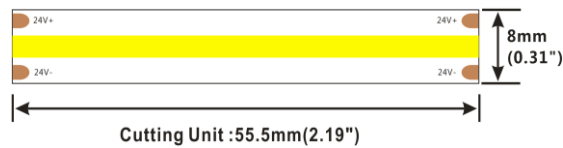
Cutting unit: 55.5mm

Min. bend diameter: Φ60mm

Mounting: 3M tape

IP: IP20/IP65/IP67

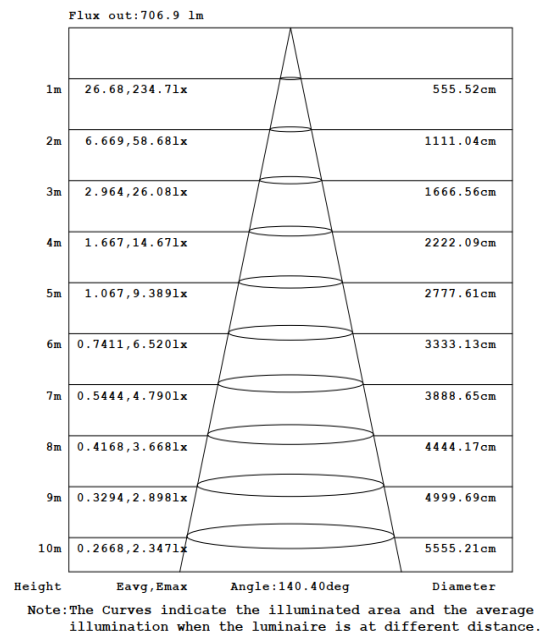
※Warranty: 3years



Photometric of 1M (4000K) strip

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

※Warranty is based on indoor use



AAI Figure

### ▼ Electronic & output data

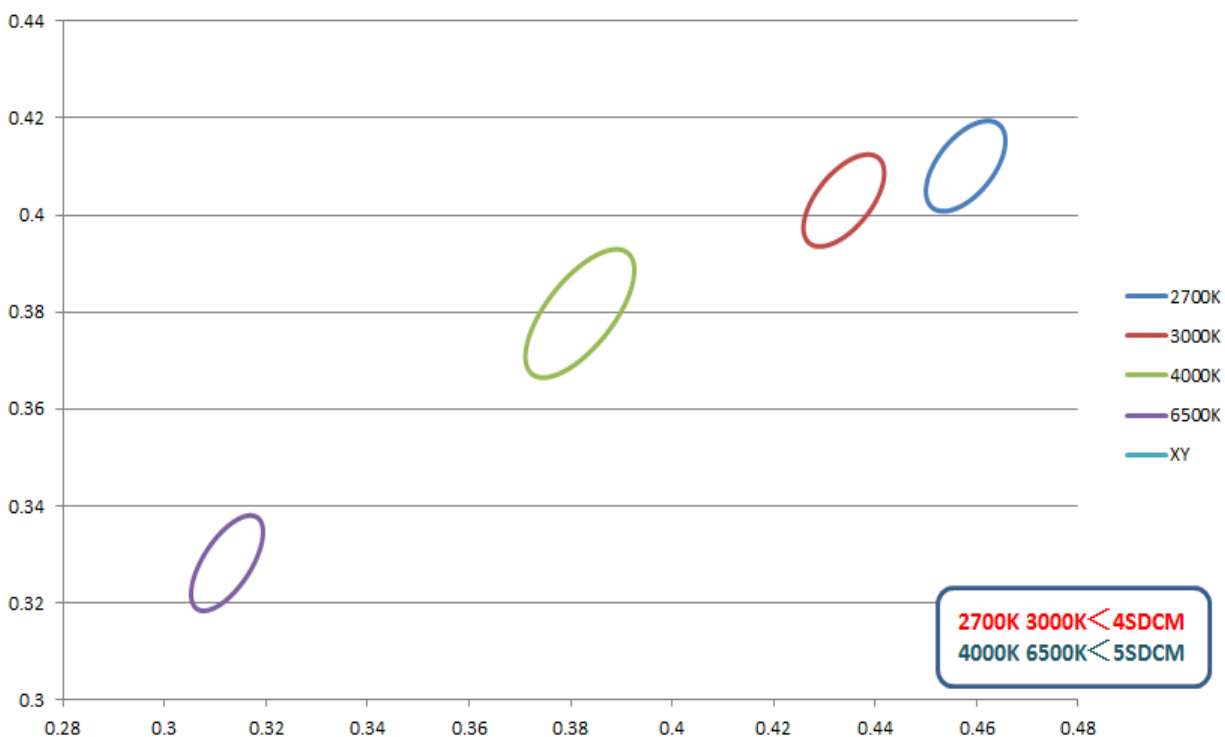
Input voltage: DC24V  
 Typical Power: 10W(1m) /43.2W(5m)  
 Max.power: 11.2W  
 Power range: 8.8 ~ 11.2W

Rated current: 0.42A(1m) /1.8A(5m)  
 CRI: >90  
 On-off times: 10000 (test times)  
 Copper foil: 2oz




CRI	Color	CCT	Lumen(lm)	lm/W	Energy efficiency class
Ra>90	SW	2700K	790	79	A+
Ra>90	WW	3000K	830	83	A+
Ra>90	NW	4000K	850	85	A+
Ra>90	W	6500K	870	87	A+
-	R	620-630nm	-	-	-
-	G	520-530nm	-	-	-
-	B	450-460nm	-	-	-

- 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







### ▼ BINNING



▼ IP Process

IP Process	Picture	description	Size	optional CCT/color for finished product	lumen output rate
NO		No proof	8mm*1.6mm	2700K, 3000K 4000K, 6500K	100%
NANO		NANo-proof	8mm*1.6mm	2700K, 3000K 4000K, 6500K	98%
ET		Extrusion tube	10mm*4.8mm	2700K, 3000K 4000K, 6500K	88%

▼ Accessories Information

Name	Picture	Code	description
Fixed Clip		94-02-00-0002	Silicone clip, screw:PA 3*8mm suitable for 8mm FPC,IP67 waterproof strip
Slim connector		94-03-00-0065	TSC-08-2, suitable for 8mm fpc to fpc connection , IP20, 2pin, 10pcs per bag
FPC with wire		94-03-00-0066	wire connection when using together with TSC-08-2,IP20,2PIN, 10PCS per bag
Silicone end cap set		94-02-00-0021	Silicone end cap set, including end cap and plug, suitable for 8mm FPC,EH/ET/EF silicone extrusion strip
Mounting groove		94-02-00-0024	Transparent PVC mounting groove,suitable for 8mm FPC,silicone extruded EF/ET strip
Stopper glue		94-16-03010001	Silicone gel, suitable for ST/ET/EH/EF waterproof LED strip

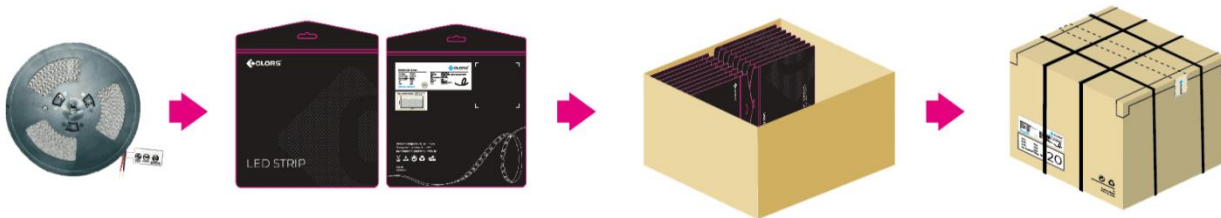
## ▼ Order Code Formats

1: Category		2: LED		3: LM/m		4: Voltage		5:FPC Width		6: IP Process		7: CRI		8: CCT	
D	-	F	COF	8	800LM/M	24	24V	08	8mm	NO	NO	9	>90	SW	2700K
										NA	NANO	0	0	WW	3000K
										ET	Extrusion tube			NW	4000K
														W	6500K
														R	R
														G	G
														B	B
D	-	F		8		24		08		NO		9		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	0500	5m		
		D	Double	B	SM-male wire	020	20cm	Y	Yellow 3M	S	Customized				
		X	Nothing	C	SM-female wire	050	50cm	R	Red tape						
				X	Nothing	100	100cm	X	Nothing						
						0	Nothing								
N		D		A		012		W		C		0500			

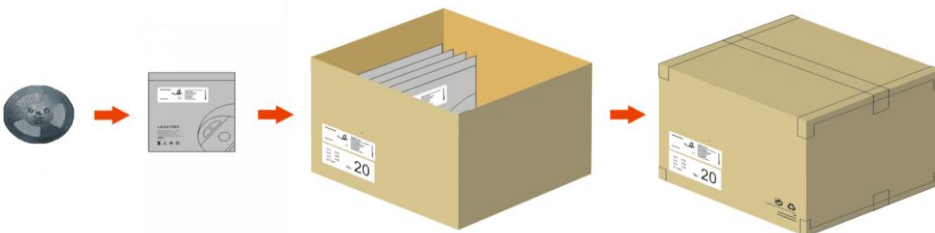
DF82408NO-9SWNDA012WC0500

## ▼ Packing

### Colors brand package



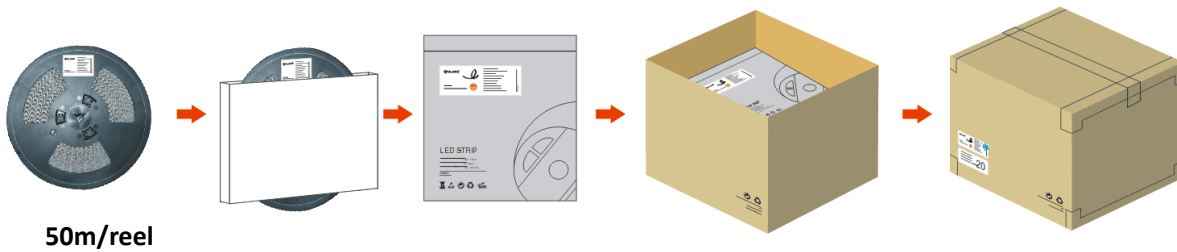
### General customized package



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*8*1.6	5	300	0.12	7.2	8.28	410*410*260
NA	5000*8*1.6	5	300	0.13	7.8	8.97	410*410*260
ET	5000*10*4.8	5	200	0.4	16	18.4	410*410*260

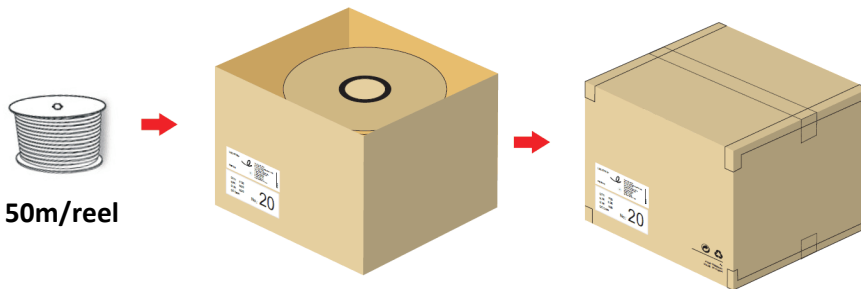
Remark: data with 10% tolerance

### Engineering packaging of NO(IP20).



### Engineering packaging of ET(IP67)

(free-soldering end caps with 40 cover per box could be ordered separately if needed)



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 (cm)
NO	50000*8*1.5	50	650	1	13	14.95	41*41*26
ET	50000*10*4.8	50	100	4.5	9	10.35	25.5*25.5*26

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).