

Specification

DF15-24V-8mm



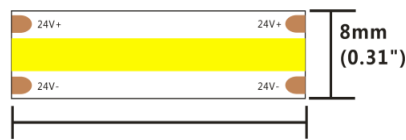
▼ General description

- Light line and dot-free with big emitting angle
- CRI > 90, 100LM/W, 1500LM/M
- Easy installation and maintaining
- 2700K\3000K\4000K\6500K\R\G\B optional

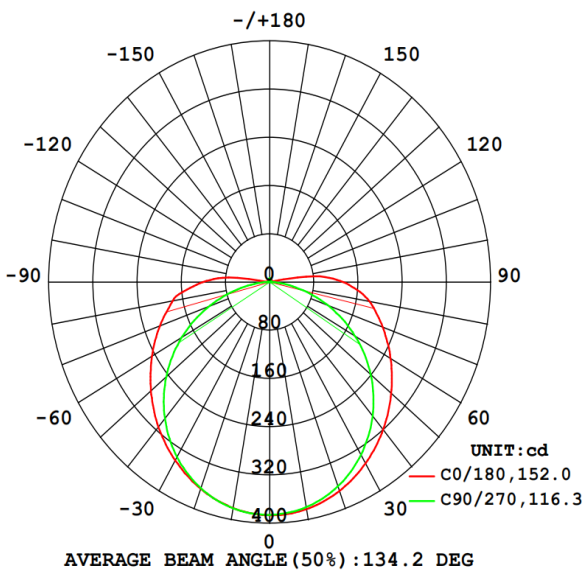
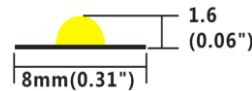


▼ Dimension

- ※ Max.length: 5000mm
- Cutting unit: 29.41mm
- Min. bend diameter: Φ60mm
- Mounting: 3M tape
- IP: IP20/IP65/IP67
- ※ Warranty: 3years



Cutting Unit : 29.41mm (1.16")



Photometric of 1M (4000K) strip

- ※ Max.length data is based on 10% voltage drop
- ※ Warranty is based on indoor use

Flux out: 920.4 lm

Height	Eavg, Emax	Angle: 116.16deg	Diameter
1m	105.8, 386.7lx		321.09cm
2m	26.44, 96.68lx		642.19cm
3m	11.75, 42.97lx		963.28cm
4m	6.611, 24.17lx		1284.37cm
5m	4.231, 15.47lx		1605.47cm
6m	2.938, 10.74lx		1926.56cm
7m	2.159, 7.892lx		2247.65cm
8m	1.653, 6.043lx		2568.74cm
9m	1.306, 4.774lx		2889.84cm
10m	1.058, 3.867lx		3210.93cm

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

AAI Figure

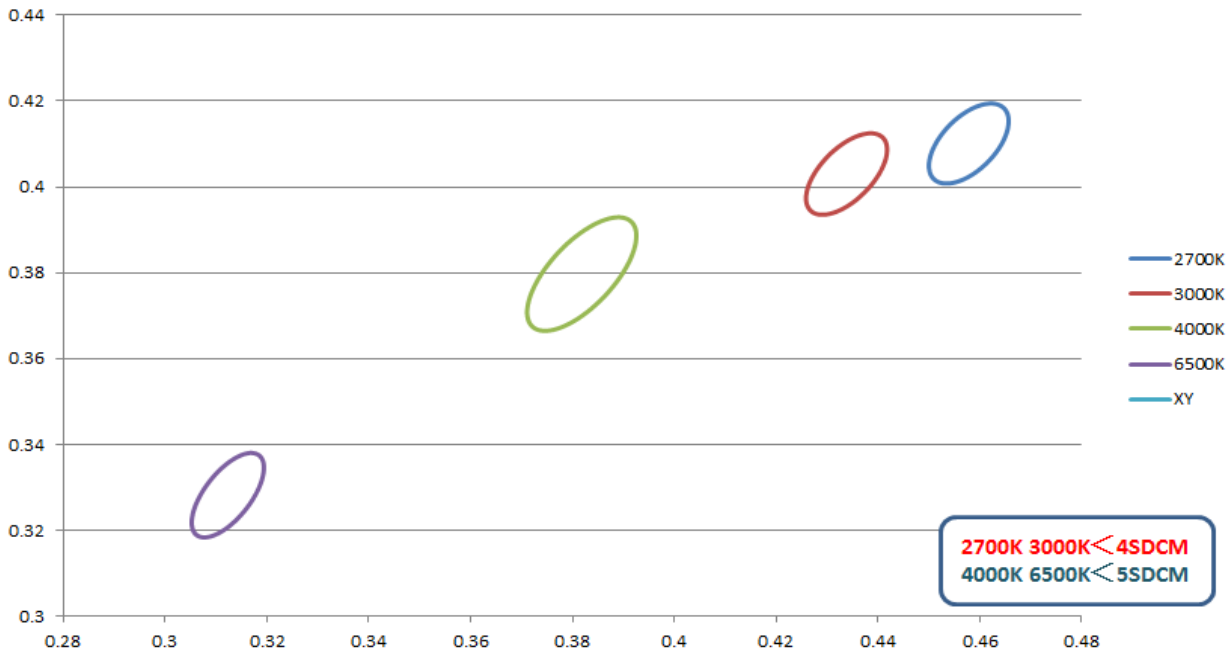
▼ Electronic & output data

Input voltage: DC24V	Rated current: 0.63A(1m) /2.07A(5m)
Typical Power: 15W(1m) /49.7W(5m)	CRI: >90
Max.power: 16.8W	On-off times: 10000 (test times)
Power range: 13.2 ~ 16.8W	Copper foil: 2oz

CRI	Color	CCT	Lumen(lm)	lm/W	Energy efficiency class
Ra>90	SW	2700K	1230	82	/
Ra>90	WW	3000K	1350	90	/
Ra>90	NW	4000K	1470	98	F
Ra>90	W	6500K	1500	100	F

- 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/IP20	No proof	8mm*1.6mm	2700K/3000K/4000K/6500K/R/G/B	100%
NANO	 NANO/IP65	NANo-proof	8mm*1.6mm	2700K/3000K/4000K/6500K/R/G/B	98%
ET	 ET/IP67	Extrusion tube	10mm*4.8mm	2700K/3000K/4000K/6500K/R/G/B	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

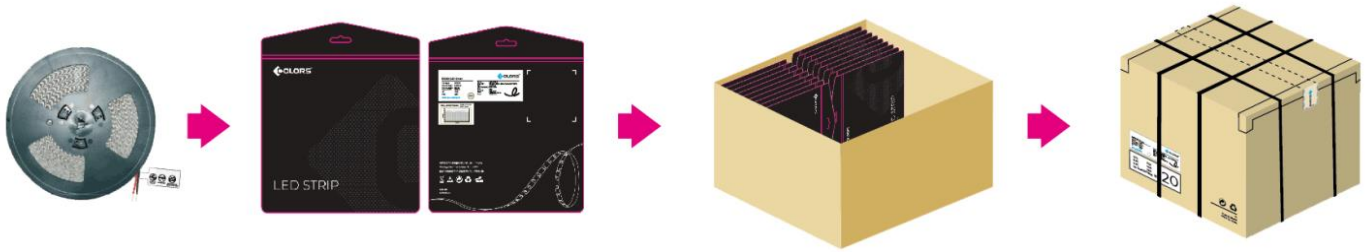
▼ Order Code Formats

1: Category		2: LED		3: LED/m		4: Voltage		5:FPC Width		6: IP Process		7: CRI		8: CCT	
D	-	F	COF	15	1500LM/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		15		24		08		NO		9		SW	
9: Silk Printing		10: Entery 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			

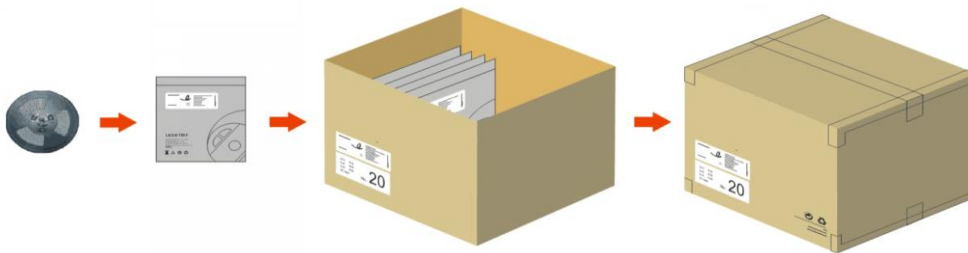
DF102408NO-9SWNDA012WC0500

▼ Packing

Colors brand package



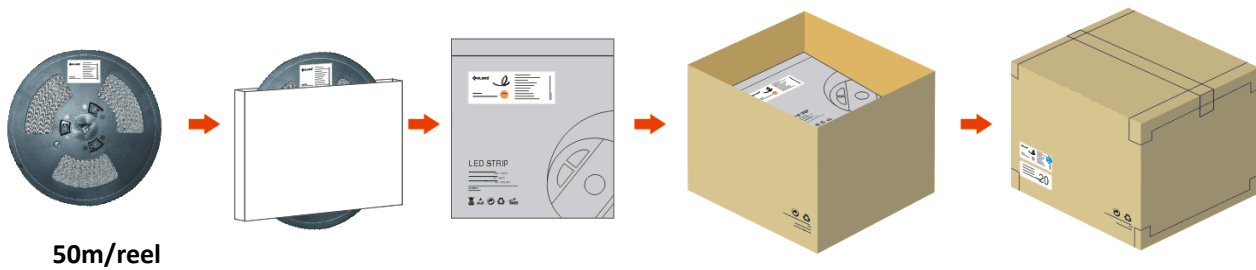
General customized package



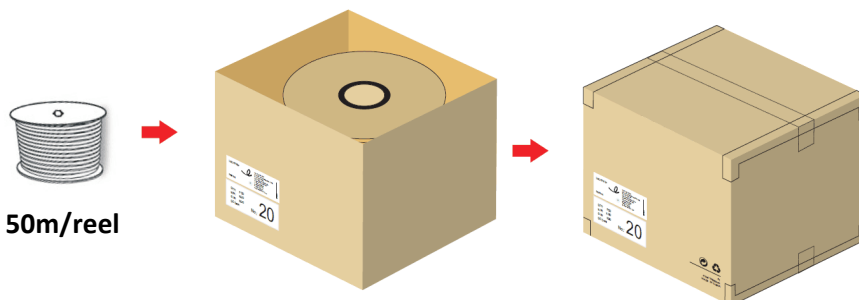
IP Process	Product size(mm)	Product quantity (m/reel)	Product quantity (m/case)	Product net weight(kg)	Net weight per box (kg)	Gross weight (kg)	Package size (mm)
NO	5000*8*1.6	5	300	0.12	7.2	8.28	410*410*260
NA	5000*8*1.6	5	300	0.13	7.8	8.97	410*410*260
ET	5000*10*4.8	5	200	0.4	16	18.4	410*410*260

Remark: data with 10% tolerance

Engineering packaging of NO(IP20).



Engineering packaging of ET(IP67)



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).