

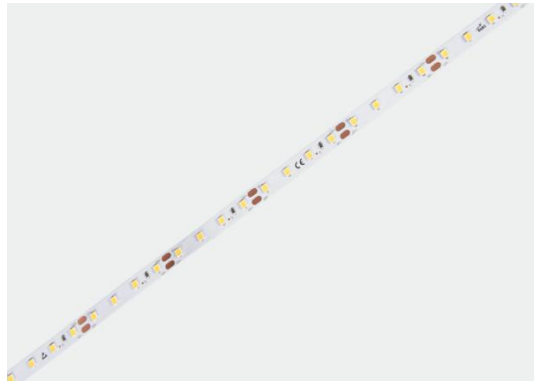
# Specification

DR880-24V-8mm



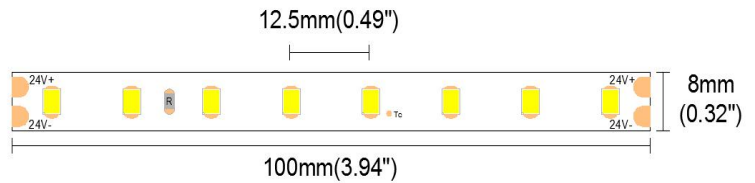
▼ General description

- Reel to reel process, no soldering joint with max. 25m
- 160LM/W, new ErP D class
- With life span over 60000H, LM80 proved
- Ta: -25~40°C; Tc: 75°C (max)

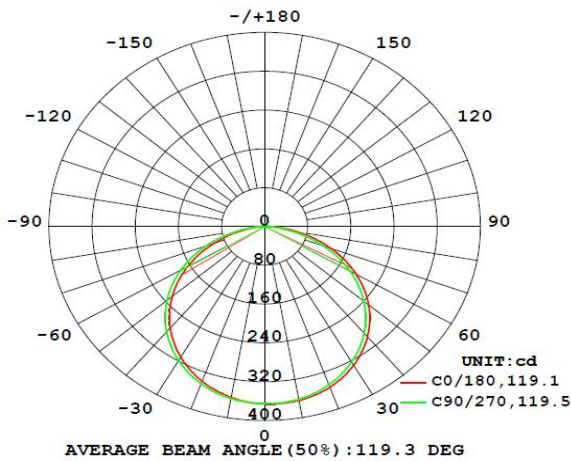
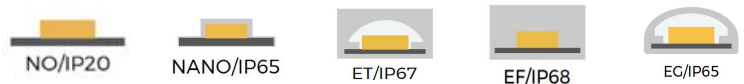
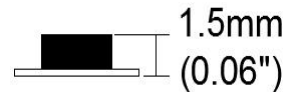


▼ Dimension

- Max.length: 5000mm
- Cutting unit: 8leds/100mm(3.94")
- LED pitch: 12.5mm(0.49")
- Min. bend diameter: Φ60mm
- Mounting: 3M tape
- IP: IP20/IP65/IP67/IP68



\*Warranty: 5years



Height	Havg, Hmax	Angle: 119.11deg	Diameter
1m	92.40, 365.81x		340.27cm
2m	23.10, 91.451x		680.54cm
3m	10.27, 40.651x		1020.82cm
4m	5.775, 22.861x		1361.09cm
5m	3.696, 14.631x		1701.36cm
6m	2.567, 10.161x		2041.63cm
7m	1.886, 7.4661x		2381.90cm
8m	1.444, 5.7161x		2722.18cm
9m	1.141, 4.5161x		3062.45cm
10m	0.9240, 3.6581x		3402.72cm

Photometric of 1M strip

AAI Figure

\*Warranty is based on indoor use

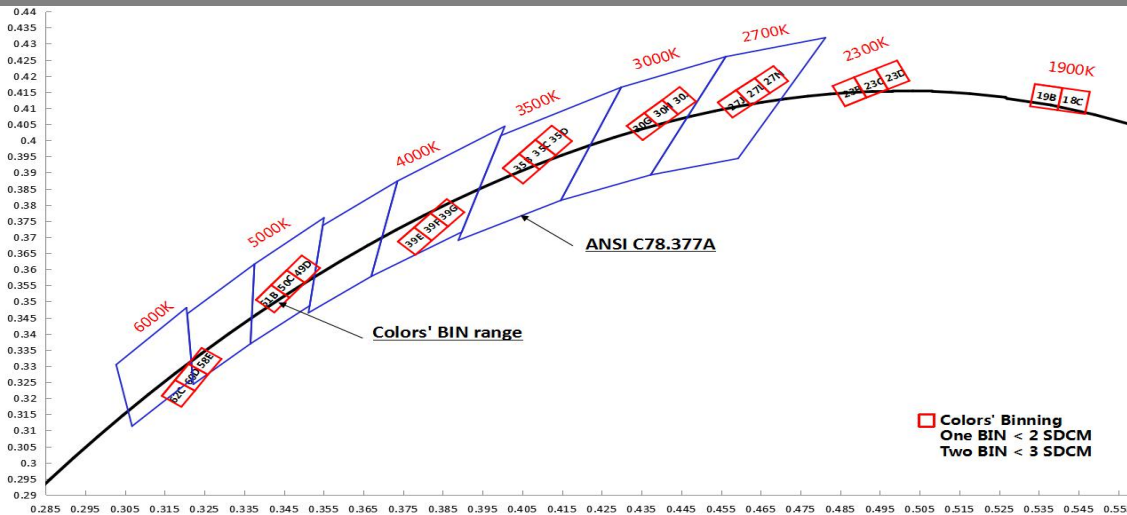
### ▼ Electronic & output data

Input voltage: DC24V	Rated current: 0.28A(1m) /1.24A(5m)
Typical Power: 6.6W(1m) /29.7W(5m)	CRI: 80
Max.power: 7.2W(1m)	On-off times: 10000 (test times)
Power range: 6~7.2W(1m)	Copper foil: 2oz






CRI	Color	CCT	Lumen(lm)	lm/W	Energy efficiency class
Ra>80	SW	2700K	995	151	D
Ra>80	WW	3000K	1035	157	D
Ra>80	NW	4000K	1055	160	D
Ra>80	W	6000K	1020	155	D

- 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


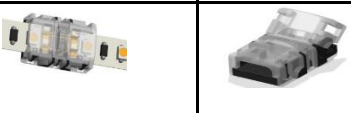








### ▼ BIN



▼ IP Process

IP Process	Picture	description	Size	optional CCT/color for finished product	lumen output rate
NO	 NO/IP20	No proof	8mm*1.5mm	2700K/3000K/4000K/6000K	100%
NA	 NANO/IP65	Nano-proof	8mm*1.6mm	2700K/3000K/4000K/6000K	98%
ET	 ET/IP67	Extrusion tube	10mm*4.8mm	2700K/3000K/4000K/6000K	88%
EG	 EG/IP65	Extrusion curved tube	9.3mm*3.8mm	2700K/3000K/4000K/6000K	88%
EF	 EF/IP68	Extrusion filling	10mm*5mm	3400K/3850K/5800K/15000K	86%

▼ Accessories Information

Name	Picture	Code	description
Connector for wire and FPC		94-42-620800001	8mm width, 2PIN connector of wire and FPC,suitable for white color strip, NO/NA,2PIN wire18- 22AWG
Connector for FPC and FPC		94-42-620800002	8mm width, 2PIN connector of FPC and FPC,suitable for white color strip,NO/NA
Slim connector		14-05-00-0232	Suitable for 8mm board width, IP20, 2PIN board-to-board solderless terminal
Slim connector		14-05-00-0231	Suitable for 8mm board width, IP20, 2PIN wire-to-board solderless terminal
Fixed Clip		94-02-00-0002	Silicone clip, screw: PA 3*8mm, suitable for 8mm FPC,EF/ET strip
Gas phase rubber plug		18-01-08-0025	Translucent gas phase adhesive plug, suitable for 8mm wide silicone extrusion eg lamp with
Gas phase gel plugging		18-01-08-0026	Translucent gas phase adhesive plug, suitable for 8mm wide silicone extrusion eg lamp with end plug
Silicone end cap set		94-02-00-0021	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 ET/EF/EG waterproof LED strip

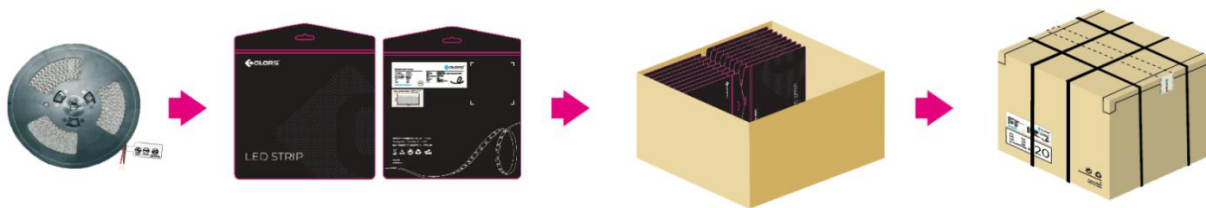
## ▼ Order Code Formats

1: Category	2: LED	3: LED/m	4: Voltage	5:FPC Width	6: IP Process	7: CRI	8: CCT								
DR	-	8	2835	80	80 LED	24	24V	08	8mm	NO	NO	8	> 80	SW	2700K
										NA	NANO			WW	3000K
										ET	Extrusion tube			NW	4000K
										EF	Extrusion filling			W	6000K
										EG	Extrusion curved				

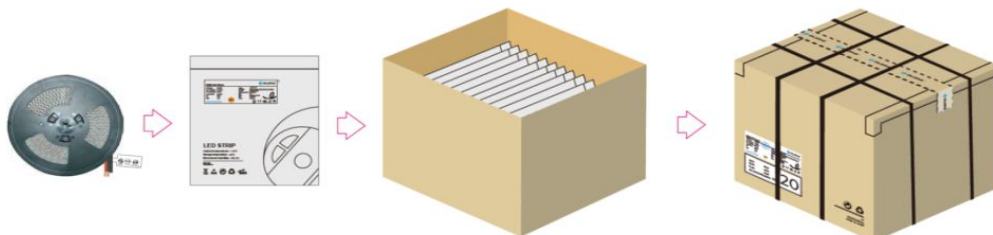
9: Silk Printing	10: Entry cable	11: Wire type	12: Wire length	13: Tape type	14: Label Type	15: Strip Length								
DR	-	8	80	24	08	NO	8	SW						
N	Neutral	S	Single	A	red and black cable	012	12cm	W	White 3M	C	COLORS	0500	5m	
C	COLORS	D	Doubel	B	SM-male wire	020	20cm	Y	Yellow 3M	S	Customized	5000	50m	
S	Customized	X	Nothing	C	SM-female wire	050	50cm	R	Red tape					
				X	Nothing	100	100cm	X	Nothing					
						0	Nothing							
	N	S	A			012		W		C		0500		
<b>DR8802408NO-8SWNSA012WC0500</b>														

## ▼ Packing

### Colors brand package



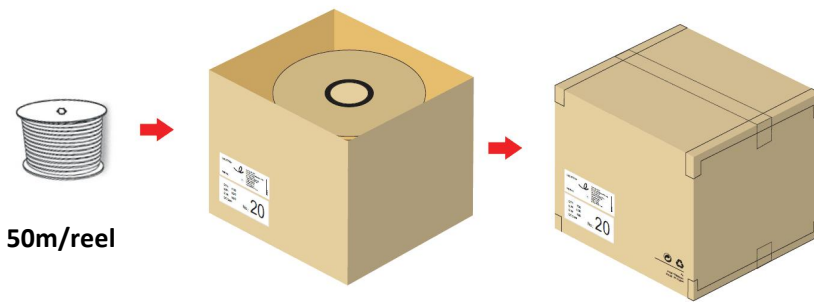
### General customized package



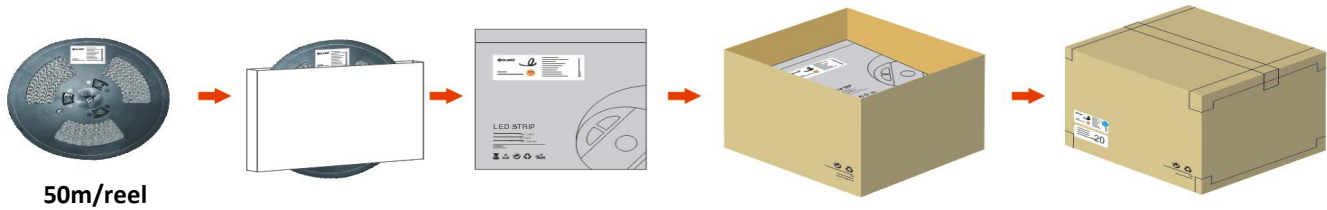
IP Process	Product size(mm)	Product quantity (m/reel)	Product quantity (m/case)	Product net weight(kg)	Net weight per box (kg)	Gross weight (kg)	Package size (cm)
NO	5000*8*1.5	5	300	0.118	7.08	8.142	41*41*26
NA	5000*8*1.6	5	300	0.12	7.2	8.28	41*41*26
ET	5000*10*4.8	5	200	0.443	17.72	20.378	41*41*26
EG	5000*9.3*3.8	5	200	0.19	7.6	8.74	41*41*26
EF	5000*10*5	5	200	0.489	19.56	22.494	41*41*26

Remark: data with 10% tolerance

**Engineering packaging of ET(IP67)/EF(IP68)**  
 (free-soldering end caps with 40 cover per box could be ordered separately if needed)



**Engineering packaging of NO(IP20)/NA(IP65).**



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	1.18	15.34	17.641	41*41*26
NA	50000*8*1.6	50	650	1.2	15.6	17.94	41*41*26
ET	50000*10*4.8	50	100	4.52	9.04	10.396	25.5*25.5*26
EG	50000*9.3*3.8	50	100	1.9	3.8	4.37	25.5*25.5*26
EF	50000*10*5	50	100	4.98	9.96	11.454	25.5*25.5*26

Remark: data with 10% tolerance

## ▼ Precautions

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- ※ 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).
- ※ ATTENTION, there are 2 soldering parts per reel (5m/reel) at most when mass production, just for few reels.