

# Specification

DL8280-24V-18mm



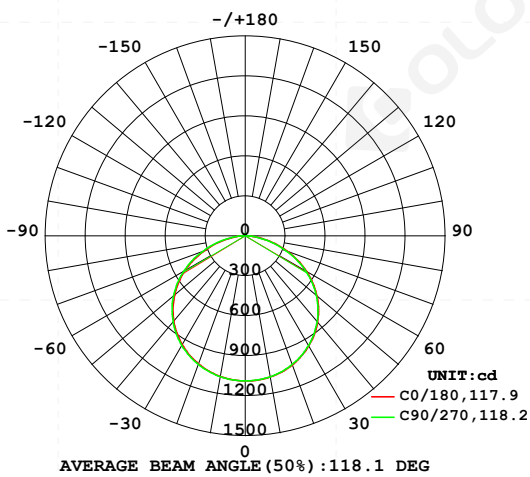
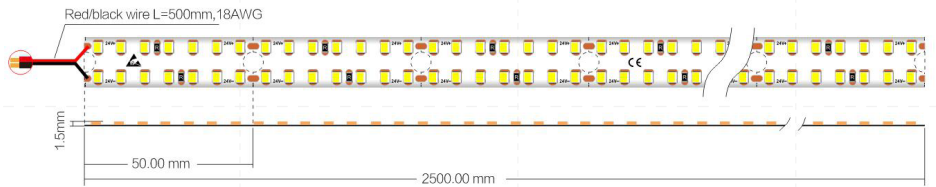
### ▼ General description

- Luminance efficiency up to 135LM/W
- Self-encapsulated design offers six optional 2700-6500K white lights
- With life span over 60000H
- SDCM ≤ 3
- Ta: -25~40°C; Tc: 75°C(max)



### ▼ Dimension

- Max.length: 5000mm
- Cutting unit: 14leds/50mm
- LED pitch: 7.14mm
- Min. bend diameter: Φ60mm
- Mounting: 3M tape
- Warranty: 5years



Photometric of 1M strip

Flux out: 2520 lm

Height	Eavg, Emax	Angle: 117.93deg	Diameter
1m	289.6, 10911x		332.39cm
2m	72.39, 272.61x		664.78cm
3m	32.18, 121.21x		997.16cm
4m	18.10, 68.161x		1329.55cm
5m	11.58, 43.621x		1661.94cm
6m	8.044, 30.291x		1994.33cm
7m	5.910, 22.261x		2326.71cm
8m	4.525, 17.041x		2659.10cm
9m	3.575, 13.461x		2991.49cm
10m	2.896, 10.911x		3323.88cm

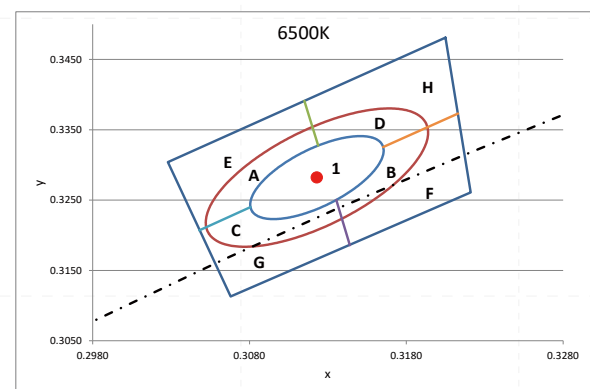
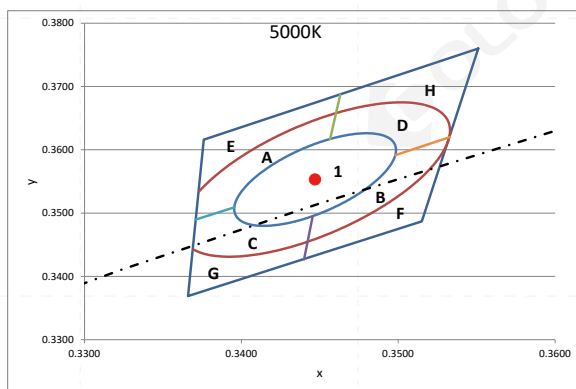
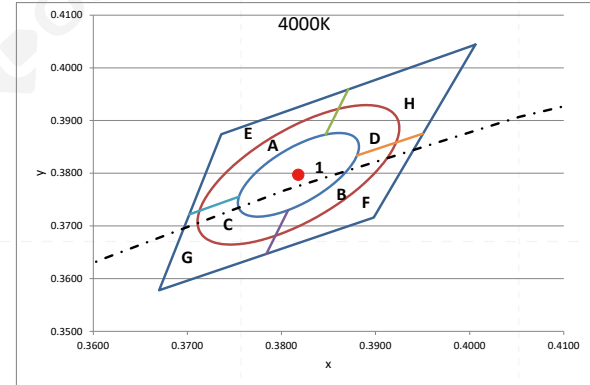
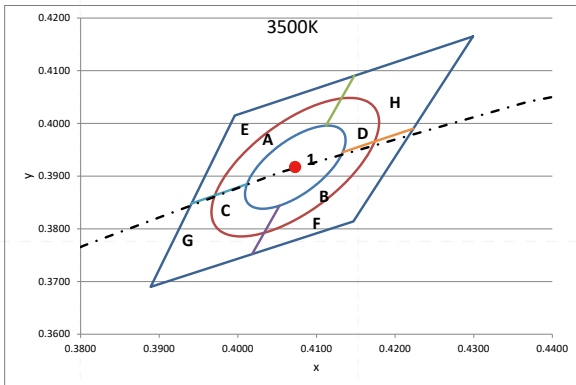
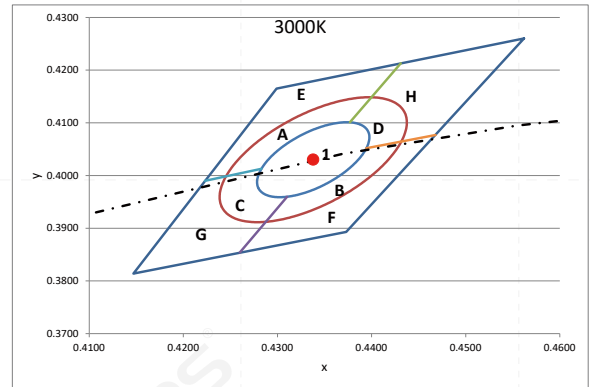
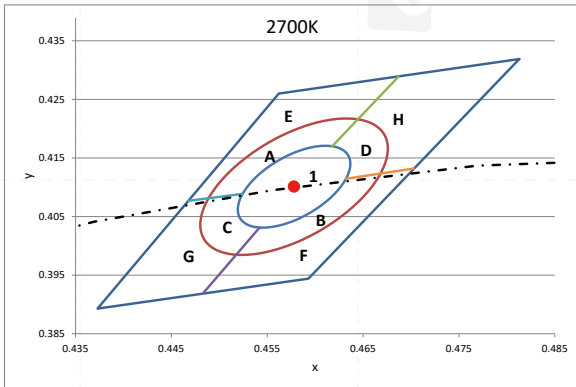
AAI Figure

## ▼ Technical Parameter

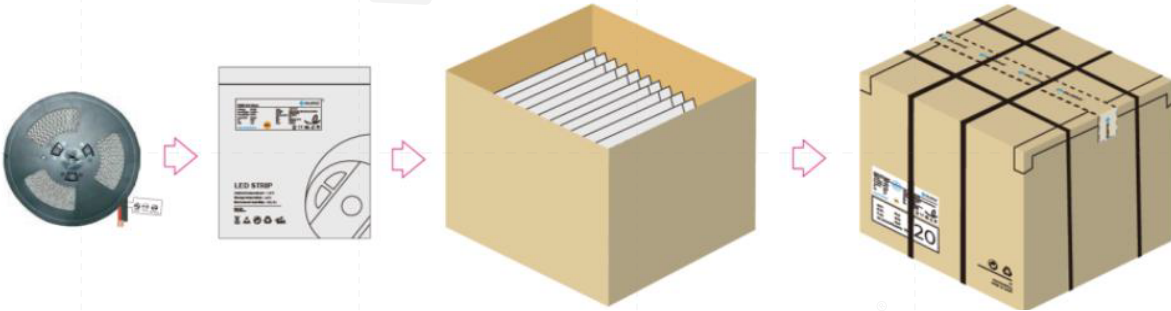
Series (Length)	Order No.	CCT	Lumen (Lm/M)	efficiency (Lm/W)	CRI (Ra)	Voltage (V)	Current (A/M)	Power (P/M)	Cutting (mm/unit)	Suitable for
DL8280-24V-18mm	DL82802418NO-8SWNSA050WS0250	2600-2800K	3150	126	> 80	DC24V	1.04A	25W/M	50mm/14led	BS5470/ BH5470
	DL82802418NO-8WWNSA050WS0250	2800-3200K	3220	129						
	DL82802418NO-8PWNSA050WS0250	3300-3700K	3280	131						
	DL82802418NO-8NWNSA050WS0250	3800-4200K	3400	136						
	DL82802418NO-8DWNSA050WS0250	4800-5200K	3400	136						
	DL82802418NO-8WNSA050WS0250	5800-6500K	3400	136						
	DL82802418NO-9SWNSA050WS0250	2600-2800K	2650	106	> 90	DC24V	1.04A	25W/M	50mm/14led	
	DL82802418NO-9WWNSA050WS0250	2800-3200K	2700	108						
	DL82802418NO-9PWNSA050WS0250	3300-3700K	2780	111						
	DL82802418NO-9NWNSA050WS0250	3800-4200K	2900	116						
	DL82802418NO-9DWNSA050WS0250	4800-5200K	2900	116						
	DL82802418NO-9WNSA050WS0250	5800-6500K	2900	116						

1. The tolerance of output data can be vary up to 10%  
2. The output data tested according to IES TM-30-15  
3. Test on a meter per meter basis  
4. Test on IP20 as standard

▼ **BIN**



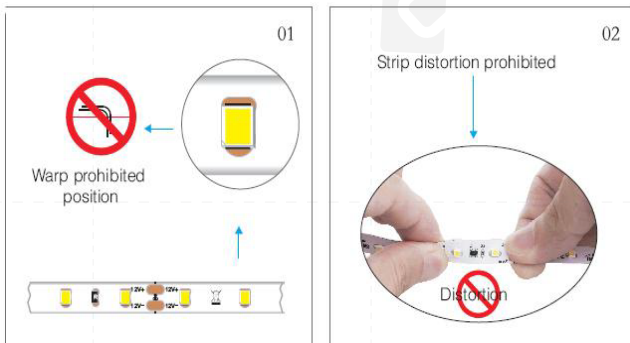
## ▼ Packing



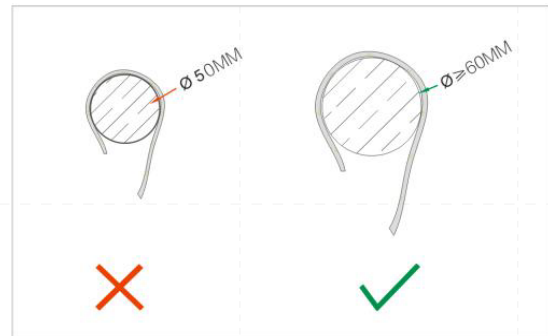
Type	Specification of Reel		Specification of Interior Box		Specification of Exterior Box		N.W	G.W
	Size	Qty	Size	Qty	Size	Qty		
DL8280-24V-18mm	177.8*24.8mm	2.5M/Roll	267x242x0.16mm	1Roll/Pack	410*410*260mm	25Rolls/Box	3.74Kg	4.56Kg

## ▼ Precautions

### Do not bend



### The diameter of reel



## ▼ Attentions

- ◆ Please make sure the LED strip is driven by 24VDC isolated power supply and the ripple of the constant voltage source must be less than 5%. Do not use RC buck or non-isolated power supply to drive the LED strip.
- ◆ To ensure the long life span and stability of strip, please do not make the bending diameter under 60mm or fold the strip to prevent the LED beads and strip from damage.
- ◆ To ensure the long life span of strip, please do not pull the power supply wire hard during using and make sure the strip is protected from impact to keep the LED beads safe.
- ◆ Do not confuse the anode with the cathode during installation and make sure the power supply match the voltage of product to prevent the strip from damage.
- ◆ The LED strip should be kept in a dry and sealed place for a period that lasts not too long. Please unpacking the strip before using.  
Working temperature:  $-20^{\circ}\text{C} \sim +45^{\circ}\text{C}$ , storage temperature:  $-0^{\circ}\text{C} \sim +60^{\circ}\text{C}$
- ◆ Do not touch the AC power supply when the power is on or there is a risk of electric shock.
- ◆ The power supply should retain a margin of 20% during using (it's recommended to use only 80% of the power) to make sure there is enough voltage to drive the strip.
- ◆ Do not use any acid or alkaline glue (not including glass glue) to fix the product.

