

Specification

DL8160-24V-8mm



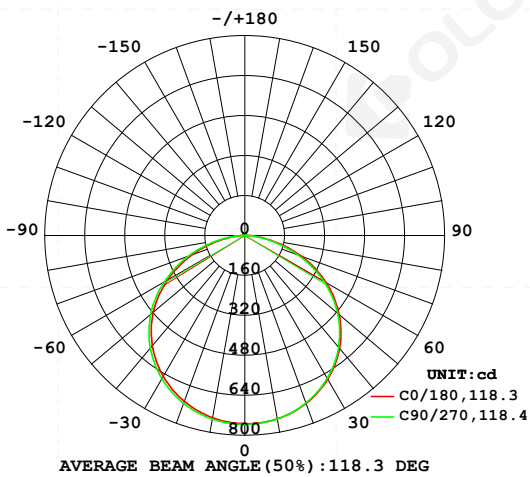
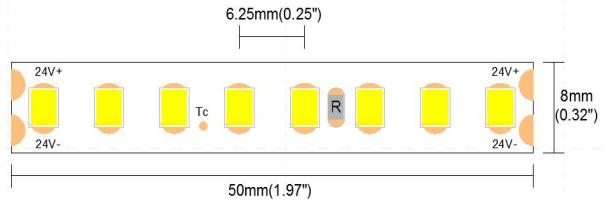
▼ General description

- Luminance efficiency up to 155LM/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: 8leds/50mm
 LED pitch: 6.25mm
 Min. bend diameter: Φ60mm
 Mounting: 3M tape
 Warranty: 5years



Photometric of 1M strip

Flux out: 1788 lm

Height	Eavg, Emax	Angle: 118.28deg	Diameter
1m	189.7, 757.31x		334.70cm
2m	47.42, 189.31x		669.40cm
3m	21.08, 84.141x		1004.09cm
4m	11.86, 47.331x		1338.79cm
5m	7.588, 30.291x		1673.49cm
6m	5.269, 21.041x		2008.19cm
7m	3.871, 15.461x		2342.88cm
8m	2.964, 11.831x		2677.58cm
9m	2.342, 9.3491x		3012.28cm
10m	1.897, 7.5731x		3346.98cm

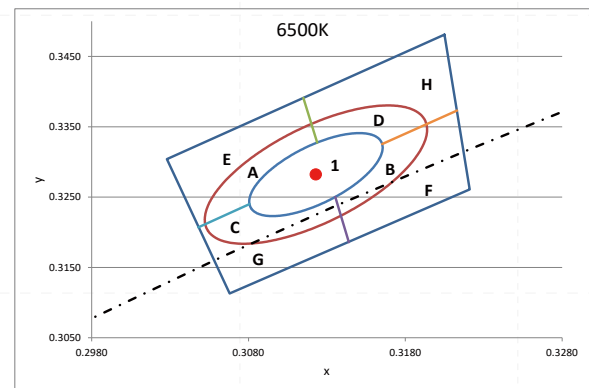
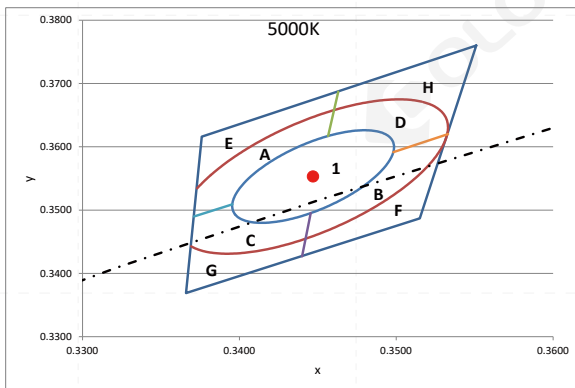
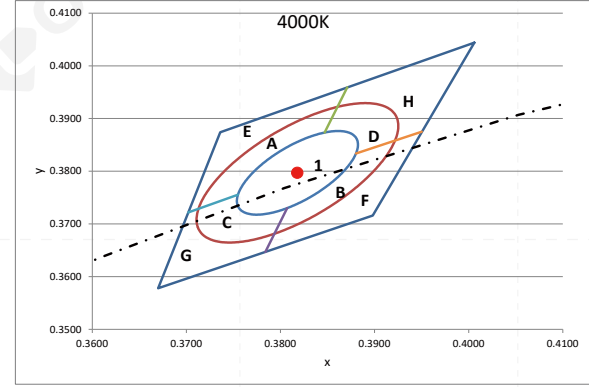
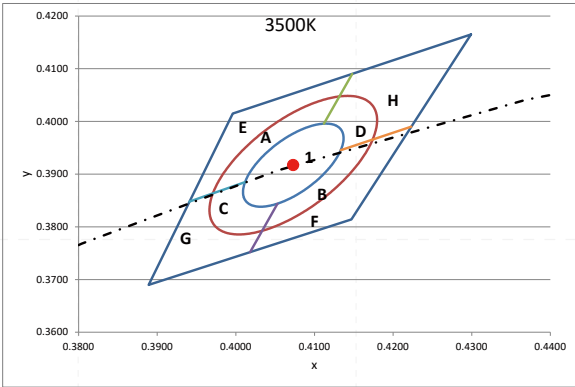
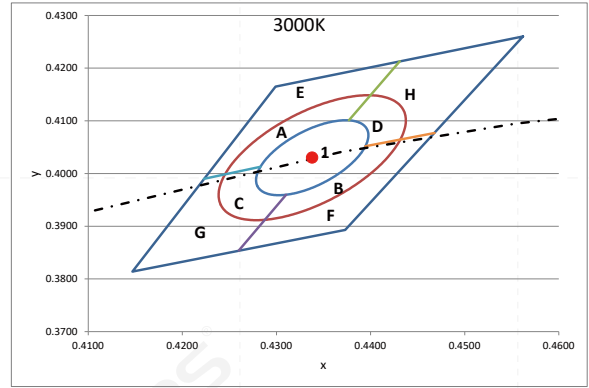
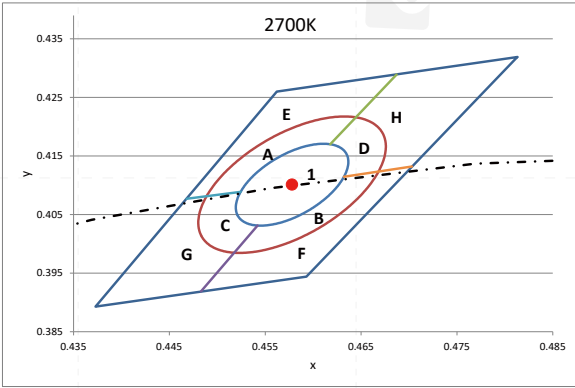
AAI Figure

▼ Technical Parameter

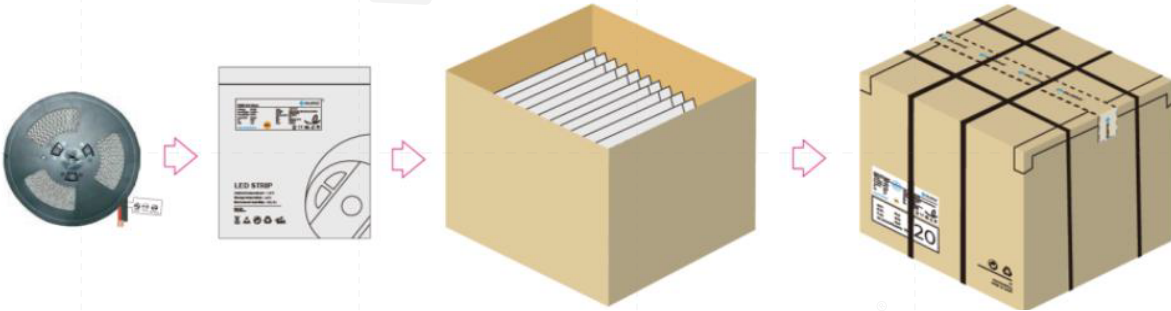
Series (Length)	Order No.	CCT	Lumen (Lm/M)	efficiency (Lm/W)	CRI (Ra)	Voltage (V)	Current (A/M)	Power (P/M)	Cutting (mm/unit)	Suitable for
DL8160-24V-8mm	DL81602408NO-8SWNSA050WS0250	2600-2800K	2200	146	> 80	DC24V	0.625A	15W/M	50mm/8led	BS3360/ BH3360/ BH5470/ BH7977
	DL81602408NO-8WWNSA050WS0250	2800-3200K	2250	150						
	DL81602408NO-8PWNSA050WS0250	3300-3700K	2270	151						
	DL81602408NO-8NWNSA050WS0250	3800-4200K	2370	158						
	DL81602408NO-8DWNSA050WS0250	4800-5200K	2370	158						
	DL81602408NO-8WNSA050WS0250	5800-6500K	2370	158						
	DL81602408NO-9SWNSA050WS0250	2600-2800K	1850	123	> 90	DC24V	0.625A	15W/M	50mm/8led	
	DL81602408NO-9WWNSA050WS0250	2800-3200K	1890	126						
	DL81602408NO-9PWNSA050WS0250	3300-3700K	1930	129						
	DL81602408NO-9NWNSA050WS0250	3800-4200K	2020	135						
	DL81602408NO-9DWNSA050WS0250	4800-5200K	2020	135						
	DL81602408NO-9WNSA050WS0250	5800-6500K	2020	135						

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**



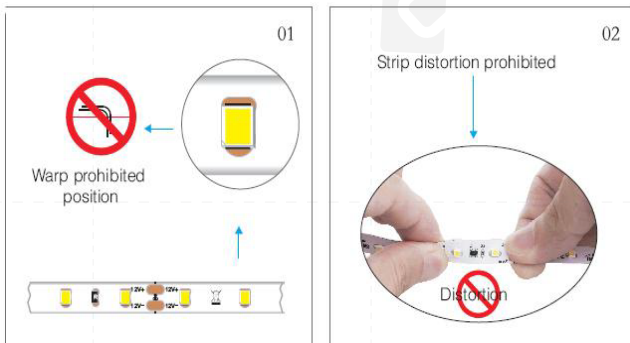
▼ Packing



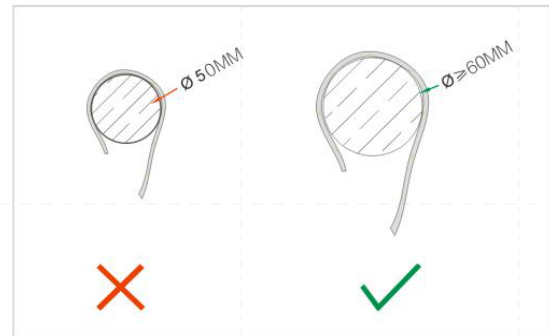
Type	Specification of Reel		Specification of Interior Box		Specification of Exterior Box		N.W	G.W
	Size	Qty	Size	Qty	Size	Qty		
DL8160-24V-8mm	177.8*9.4mm	2.5M/Roll	262*243*0.14mm	1Roll/Pack	410*410*260mm	60Rolls/Box	5.04Kg	6.12Kg

▼ 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.

