

Specification

DS980-24V-10mm



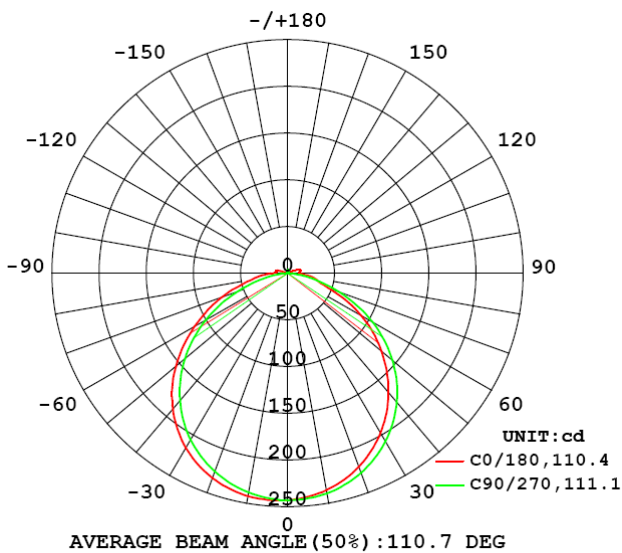
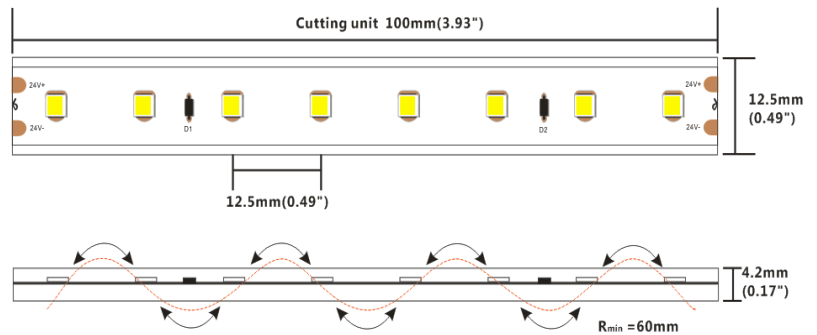
▼General description

- OSRAM 3030LED ,SCDM \leq 3.
- L80 (B10) \geq 60000H.
- 5 years warranty@ $t_a \leq 85^\circ\text{C}$, 3 years warranty@ $t_a \leq 100^\circ\text{C}$,
 T_a : -40~100°C; T_c : 120°C (max) .
- apply to bathroom , sauna.



▼Dimension

- *Max.length: 5000mm
- Cutting unit: 8leds/100mm
- LED pitch: 12.5mm
- Min. bend diameter: Φ 60mm
- Mounting: PVC clip/silicone clip
- IP: IP65
- *Warranty: 5years@ $t_a \leq 85^\circ\text{C}$



Photometric of 1M strip

Height	Eavg, Emax	Angle: 110.41deg	Diameter
1m	72.99, 243.01x		287.81cm
2m	18.25, 60.751x		575.63cm
3m	8.110, 27.001x		863.44cm
4m	4.562, 15.191x		1151.26cm
5m	2.920, 9.7211x		1439.07cm
6m	2.028, 6.7501x		1726.89cm
7m	1.490, 4.9601x		2014.70cm
8m	1.141, 3.7971x		2302.51cm
9m	0.9011, 3.0001x		2590.33cm
10m	0.7299, 2.4301x		2878.14cm

AAI Figure

*Max.length data is based on the same brightness from tail to begin

*Warranty is based on indoor use

▼ Electronic & output data

Input voltage: DC24V

Rated current: 0.2A(1m) /1A(5m)

Typical Power: 4.8W(1m) /24W(5m)

CRI: 80/90

Max.power: 5W/m

On-off times: 10000 (test times)

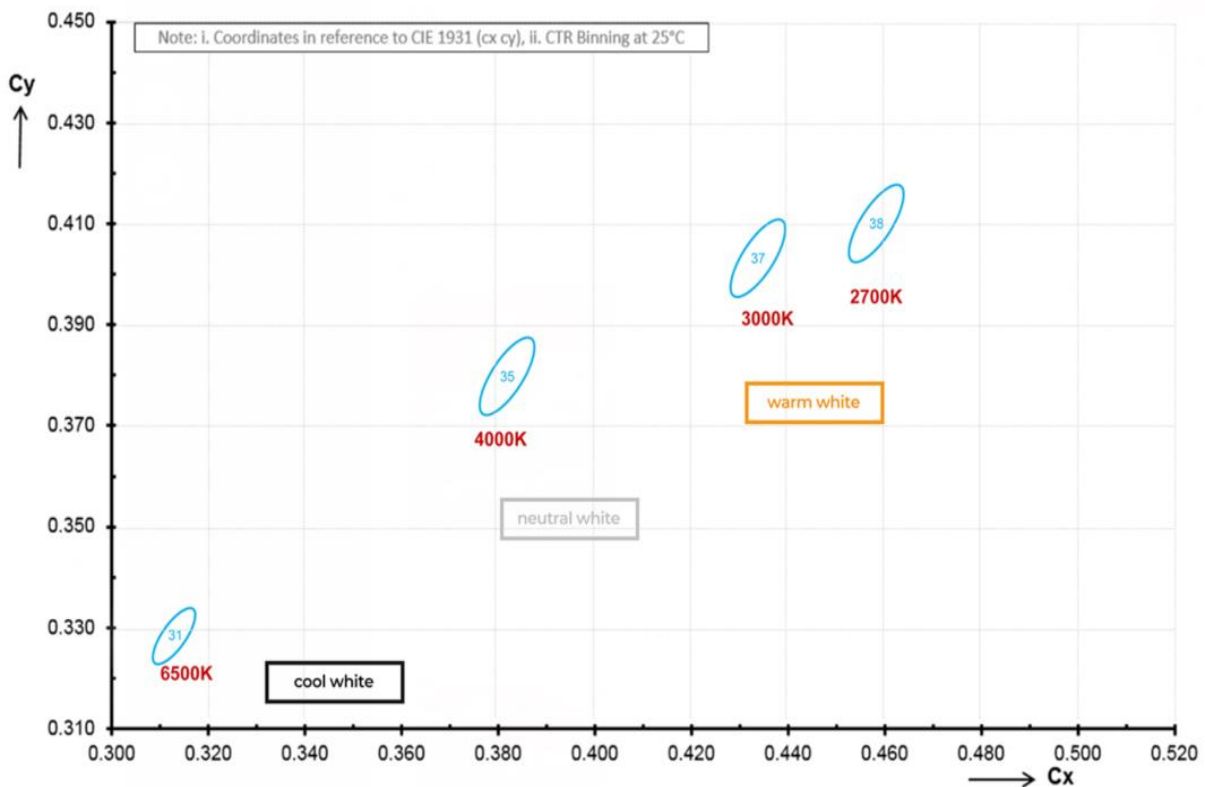
Power range: 4.3 ~ 5W/m

Copper foil: 3oz






CRI	Color	CCT	Lumen(lm)	lm/W	Energy efficiency class
Ra>80	SW	2700K	690	144	A++
Ra>80	WW	3000K	720	150	A++
Ra>80	NW	4000K	745	155	A++
Ra>80	W	6500k	705	147	A++
Ra>90	SW	2700K	540	113	A++
Ra>90	WW	3000K	545	114	A++
Ra>90	NW	4000K	600	125	A++

- 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 IP65/1merter, data of 5m in only for reference

▼ BIN



▼ Accessories Information

Name	Picture	Code	description
PVC Clip		94-02-00-0025	PVC clip, screw: M3*12MM suitable for 10mm FPC, IP65 waterproof strip
Fixed Clip		94-02-00-0003	silicone clip, screw: PA 3*8mm suitable for 10mm FPC, IP66 waterproof strip
No silicone hole plug		94-02-00-0009	Silicone end cap without hole ,suitable for 10mm FPC, IP65 waterproof strip
Silicone single hole plug		94-02-00-0012	Silicone end cap without hole,suitable for 10mm FPC, IP65 waterproof single color strip
Stopper glue		94-16-03010001	silicone gel suitable for IP65 and IP67 LED strip

▼ Order Code Formats

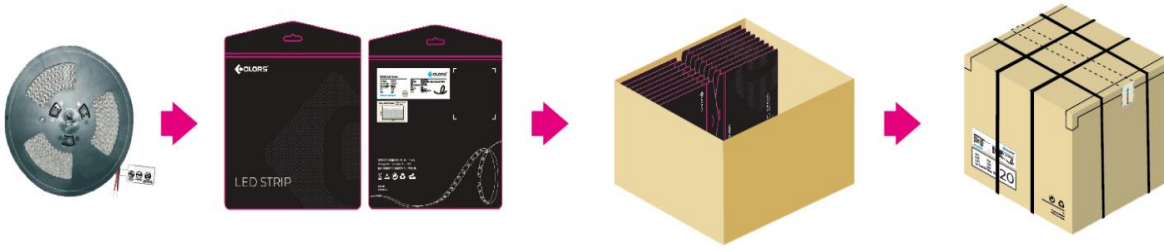
1: Category	2: LED	3: LED/m	4: Voltage	5:FPC Width	6: IP Process	7: CRI	8: CCT
DS -	9 3030	80 80 LED	24 24V	10 10mm	NAST NANO Silicone tube	8 > 80 9 > 90	SW 2700K WW 3000K NW 4000K W 6500K
DS -	9	80	24	10	NAST	8	SW

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	X Nothing	C COLORS	0100 1m
C COLORS	D Doubel		020 20cm		S Customized	0200 2m
S Customized	X Nothing		050 50cm			0250 2.5m 0500 5m
N	S	A	012	X	C	0500

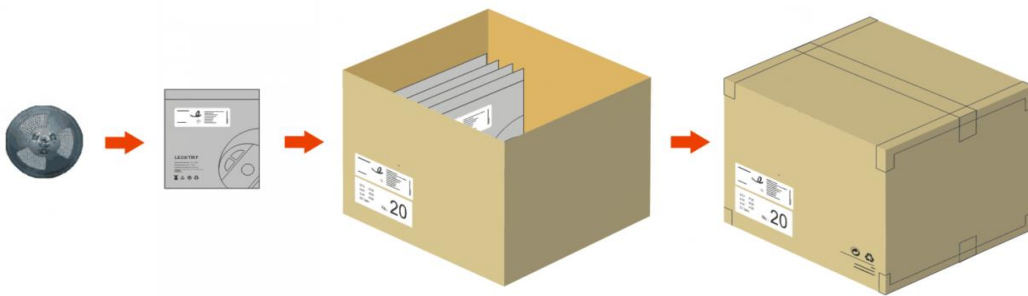
DS9802410NAST-8SWNSA012XC0500

▼ 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)
NAST	5000*12.5*4.2	5	250	0.3	15	17.25	410*410*260

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: -40°C~85°C.Storage temperature: 0°C~85°C.
- ※ 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).