

# Specification

D6300-24V-8mm



### ▼General description

- Super-dense LED distribution of 300 LEDs/m and ultraslim thickness of 1.2mm, matching profiles better
- Self-encapsulated design offers five optional 2700-6000K white lights, CRI 90
- With life span over 36000H
- Ta: -25~40°C; Tc: 75°C (max)



### ▼Dimension

※Max.length: 5000mm

Cutting unit: 6leds/20mm

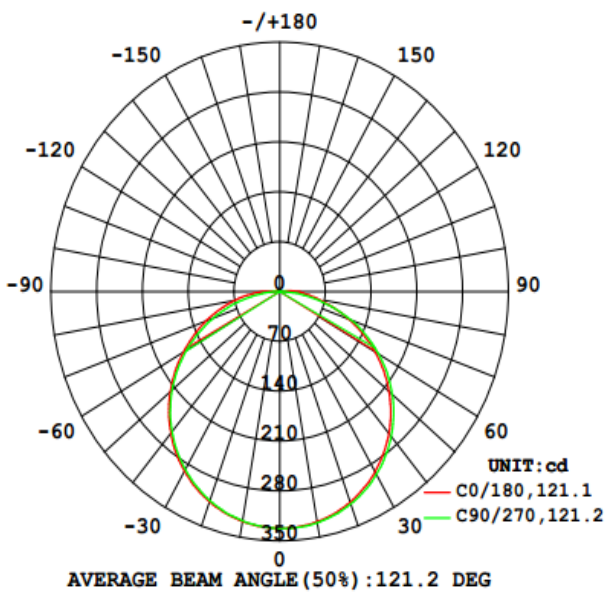
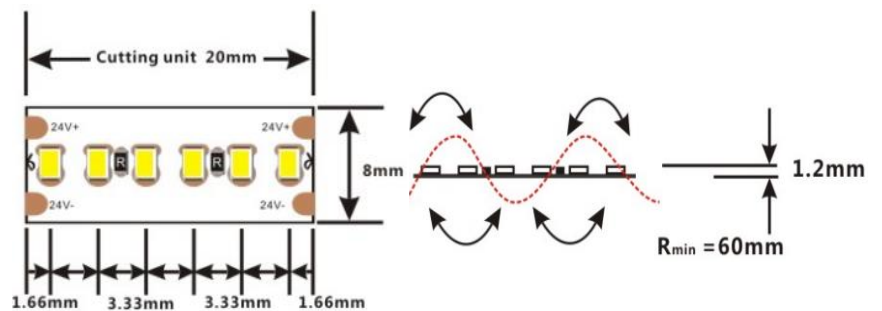
LED pitch: 3.33mm

Min. bend diameter: Φ60mm

Mounting: 3M tape

IP: IP20/IP55/IP65/IP67

※Warranty: 5years



Photometric of 1M strip

Flux out: 813.2 lm

Height	Eavg, Emax	Angle: 121.14deg	Diameter
1m	79.53, 332.81x		354.50cm
2m	19.88, 83.201x		709.00cm
3m	8.837, 36.981x		1063.50cm
5m	3.181, 13.311x		1772.50cm
6m	2.209, 9.2451x		2127.00cm
7m	1.623, 6.7921x		2481.50cm
8m	1.243, 5.2001x		2836.00cm
9m	0.9818, 4.1091x		3190.50cm
10m	0.7953, 3.3281x		3545.00cm

AAI Figure

※Max.length data is based on 10% voltage drop

※Warranty is based on indoor use

### ▼ Electronic & output data

Input voltage: DC24V

Rated current: 0.54A(1m) /2.3A(5m)

Typical Powe: 13W(1m) 55.2W(5m)

CRI: >90

Max.power: 14W

On-off times: 10000 (test times)

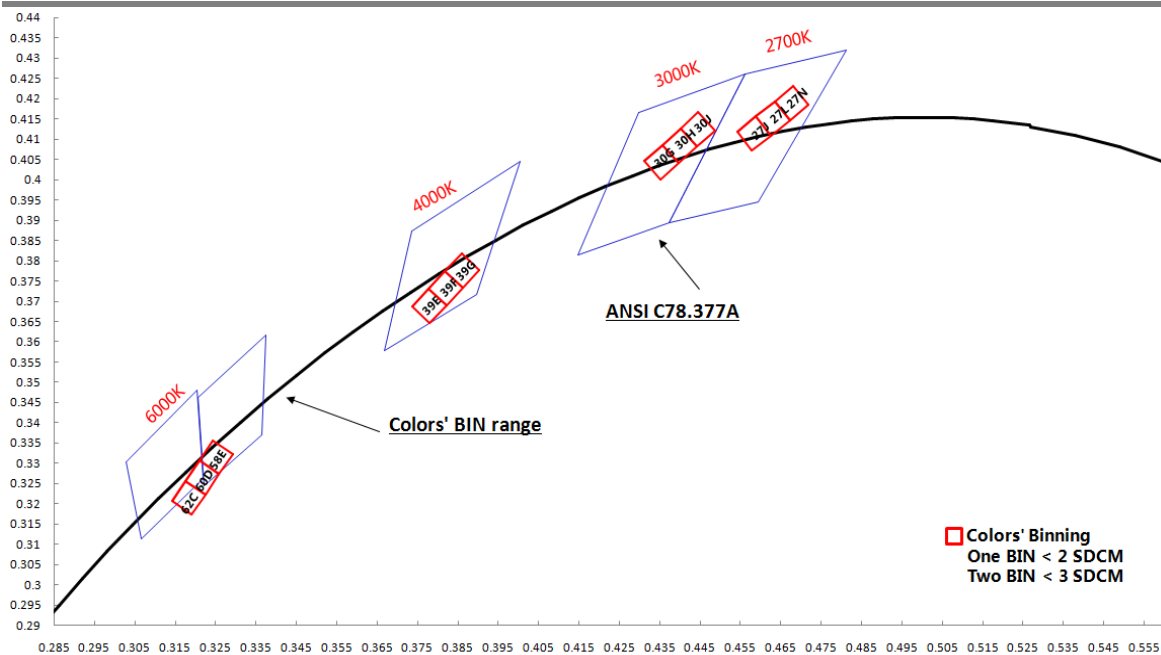
Power range: 12 ~ 14W

Copper foil: 2oz


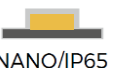


CRI	Color	CCT	Lumen(lm)	lm/W	Energy efficiency class
Ra>90	SW	2700K	1043	80	A
Ra>90	WW	3000K	1100	85	A
Ra>90	NW	4000K	1134	87	A+
Ra>90	W	6000K	1100	85	A

- 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 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*1.2mm	2700K/3000K/4000K/6000K	100%
NA	 NANO/IP65	Nano-proof	8mm*1.2mm	2700K/3000K/4000K/6000K	98%
SG	 SG/IP55	Gel coating	8mm*2.7mm	3000K/3500K/5000K/12000K	90%
ET	 ET/IP67	Extrusion tube	10mm*4.8mm	2700K/3000K/4000K/6000K	88%

### ▼ Accessories Information

Name	Picture	Code	description
Connector for wire and FPC		94-03-00-0044	8mm width, 2PIN connector of wire and FPC,suitable for white color and gel coating strip,SG,2PIN wire18- 22AWG
Connector for FPC and FPC		94-03-00-0048	8mm width, 2PIN connector of FPC and FPC,suitable for white color and gel coating strip,SG
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
Fixed Clip		94-02-00-0002	Silicone clip, screw: PA 3*8mm, suitable for 8mm FPC,EH/EF/ET strip
Fixed Clip		94-02-00-0017	Fixed clip, transparent, 3*8mm self-tapping screws, suitable for 8mm FPC,NO/NA LED strip
Fixed Clip		94-02-00-0015	Fixed clip, transparent, 3*8mm self-tapping screws,suitable for 8mm FPC,SG LED strip
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 ST/ET/EH/EF/SF waterproof LED strip

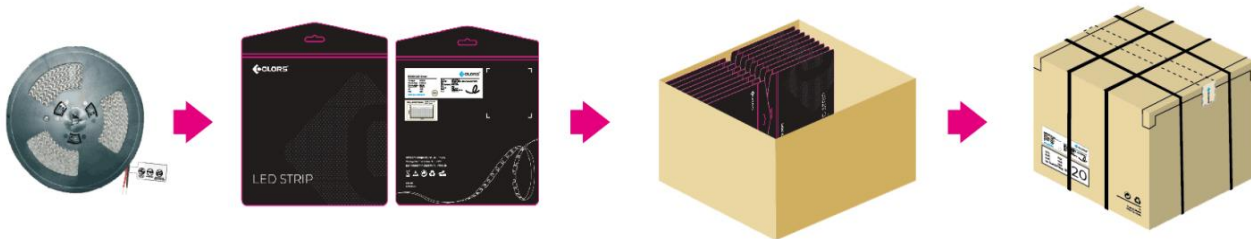
### ▼ Order Code Formats

1: Category		2: LED		3: LED/m		4: Voltage		5:FPC Width		6: IP Process		7: CRI		8: CCT	
D	-	6	2216	300	300 LED	24	24V	08	8mm	NO	NO	9	>90	SW	2700K
										NA	NANO			WW	3000K
										SG	Gel coating			NW	4000K
										ET	Extrusion tube			W	6000K
D	-	6		300		24		08		NO		9		SW	
9: Silk Printing		10: Entry 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		
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			

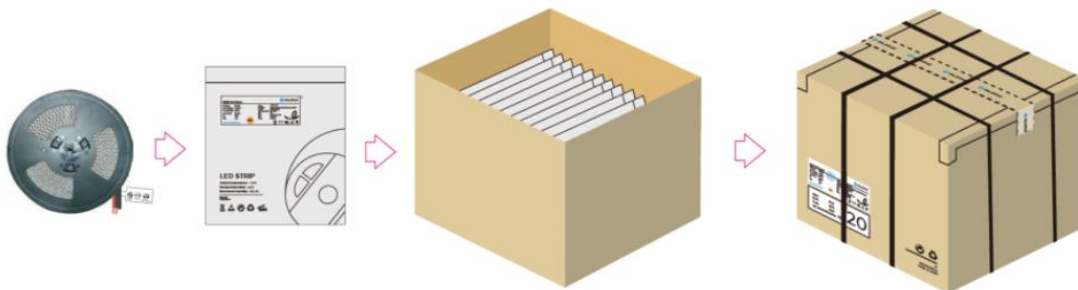
**D63002408NO-9SWNSA012WC0500**

### ▼ Packing

#### Colors brand package



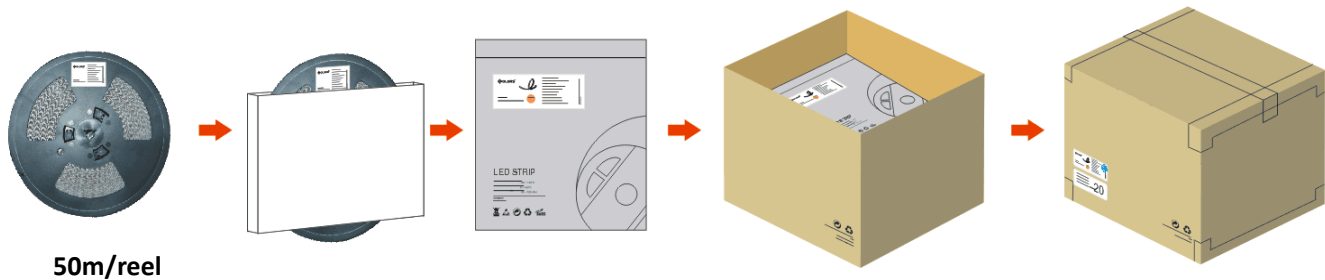
#### General customized package



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*1.2	5	300	0.127	7.62	8.763	41*41*26
NA	5000*8*1.2	5	300	0.129	7.74	8.901	41*41*26
SG	5000*8*2.7	5	300	0.215	12.9	14.835	41*41*26
ET	5000*10*4.8	5	200	0.452	18.08	20.79	41*41*26

Remark: data with 10% tolerance

### 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*1.2	50	650	1.27	16.51	18.987	41*41*26
NA	50000*8*1.2	50	650	1.29	16.77	19.286	41*41*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).