

Specification

D6240SWW-24V-8mm



▼ General description

- Three-wire adjustable toning and high-dense strip makes it widely match all kinds of controllers
- Ultra-slim 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: 12leds/50mm

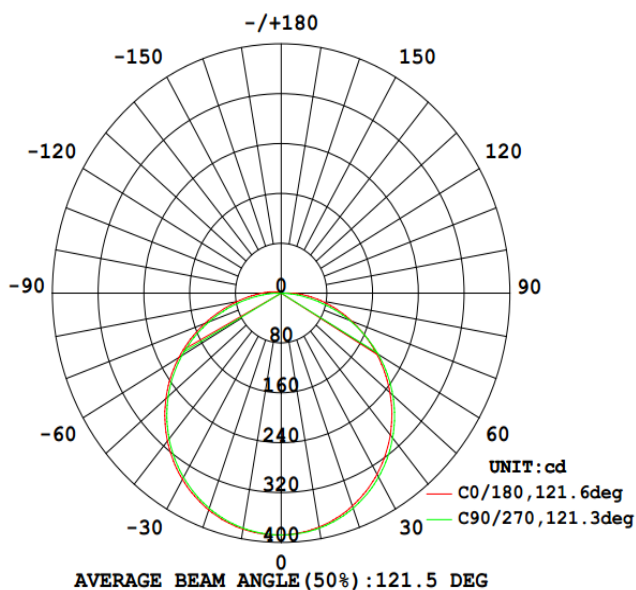
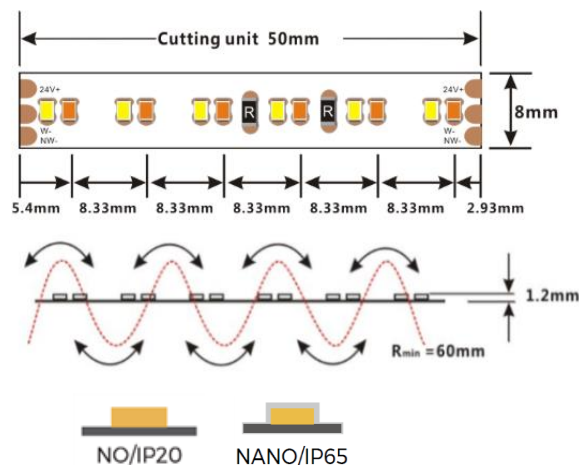
LED pitch: 8.33mm

Min. bend diameter: $\Phi 60\text{mm}$

Mounting: 3M tape

IP: IP20/IP65

※Warranty: 5years



Photometric of 1M strip

Flux out: 949.1 lm			
Height	Eavg, Emax	Angle: 121.21deg	Diameter
1m	92.83, 388.21x		354.98cm
2m	23.21, 97.061x		709.97cm
3m	10.31, 43.141x		1064.95cm
5m	3.713, 15.531x		1774.92cm
7m	1.894, 7.9231x		2484.89cm

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: 0.68A(1m) /3.2A(5m)

Typical Powe: 16.3W(1m)/ 76.8W(5m)

CRI: >90

Max.power: 19.2W

On-off times: 10000 (test times)

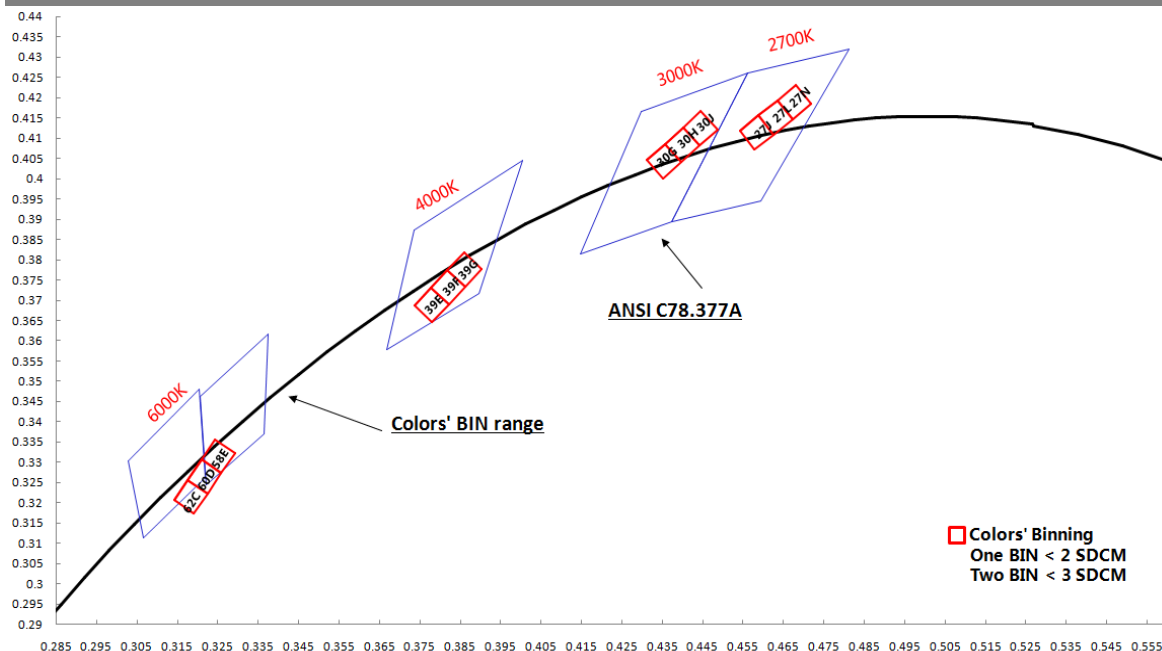
Power range: 14.6 ~ 18W

Copper foil: 3oz

CRI	Color	CCT	Lumen(lm)	lm/W	Energy efficiency class
Ra>90	SWW	2700-6000K	1300	80	A
Ra>90	SW	2700K	550	68	A
Ra>90	W	6000K	620	77	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	2700-6000K	100%
NA	 NANO/IP65	Nano-proof	8mm*1.2mm	2700-6000K	98%

▼ Accessories Information

Name	Picture	Code	description
CCT set		23-01-00-0005	M2+M4-5A Input voltage: 12-24VDC Maximum loaded current: 5A*4CH Max 20A Maximum loaded power:240W/480W(12V/24V)

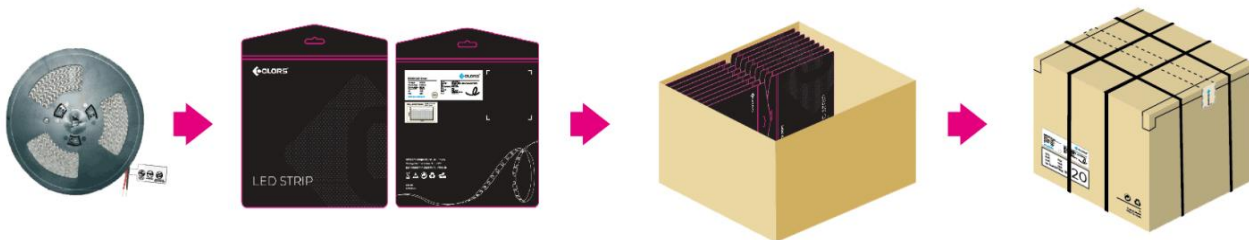
▼ Order Code Formats

1: Category	2: LED	3: LED/m	4: Voltage	5:FPC Width	6: IP Process	7: CRI	8: CCT
D -	6 2216	240 240 LED	24 24V	08 8mm	NO NO NA NANO	9 > 90	SWW 2700-6000K
D -	6	240	24	08	NO	9	SWW
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 Double	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		4000 40m	
		X Nothing	100 100cm	X Nothing			
			0 Nothing				
N	S	A	012	W	C	0500	

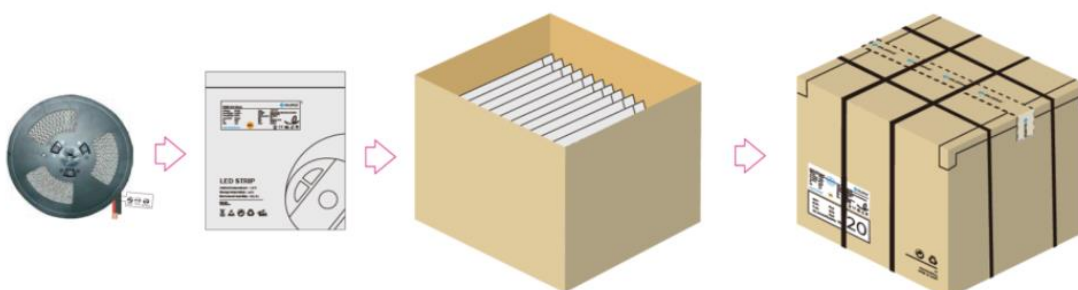
D62402408NO-9SWWNSA012WC0500

▼ Packing

Colors brand package



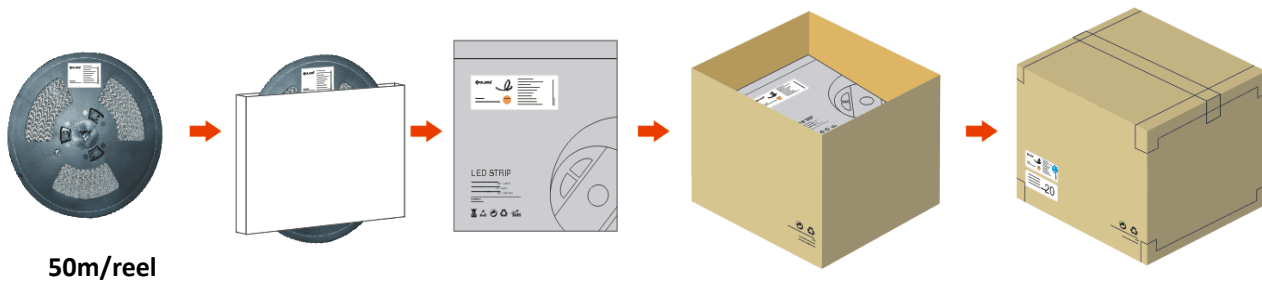
General customized package



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	0.132	7.92	9.108	41*41*26
NA	5000*8*1.2	5	300	0.135	8.1	9.315	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	1.32	17.16	19.734	41*41*26
NA	50000*8*1.2	50	650	1.35	17.55	20.183	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).