

# Specification

D8192-24V-15mm



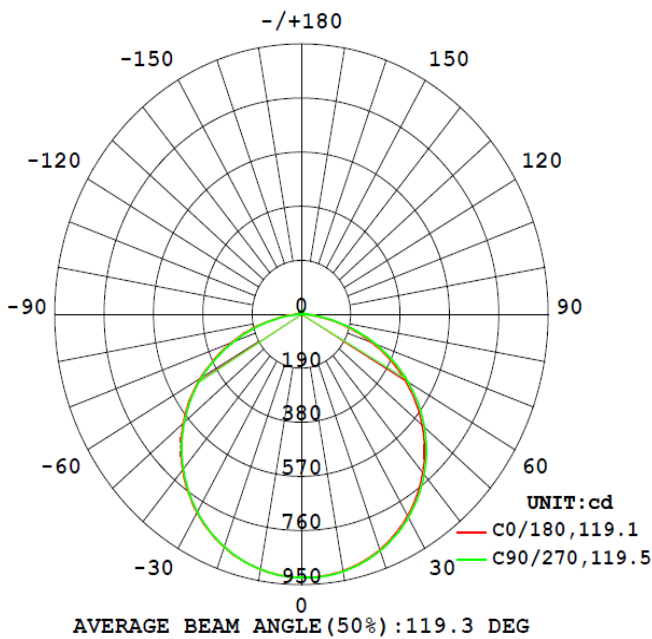
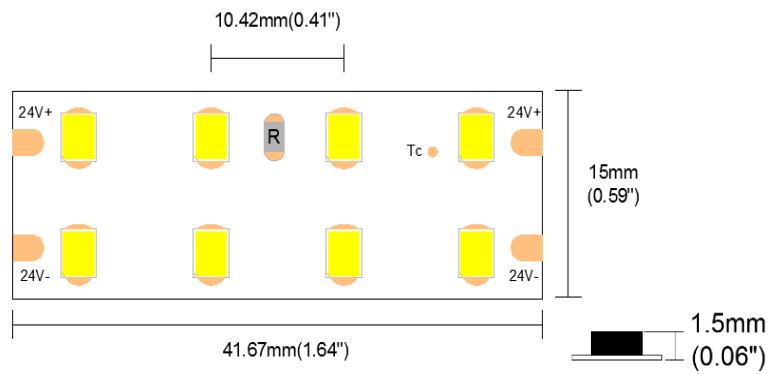
▼General description

- Luminance efficiency up to 155LM/W
- Self-encapsulated design offers eight optional 1900-6000K white lights
- With life span over 60000H
- Ta: -25~40°C; Tc: 75°C (max)



▼Dimension

- Max.length: 4000mm
- Cutting unit: 8leds/41.67mm(1.64")
- LED pitch: 10.42mm(0.41")
- Min. bend diameter: Φ60mm
- Mounting: 3M tape
- IP: IP20/IP55/IP65/IP67/IP68
- ※Warranty: 5years



Photometric of 1M strip

Height	Eavg, Emax	Angle: 119.13deg	Diameter
1m	234.0, 926.31x		340.41cm
2m	58.49, 231.61x		680.81cm
3m	26.00, 102.91x		1021.22cm
4m	14.62, 57.901x		1361.63cm
5m	9.359, 37.051x		1702.03cm
6m	6.499, 25.731x		2042.44cm
7m	4.775, 18.901x		2382.85cm
8m	3.656, 14.471x		2723.26cm
9m	2.889, 11.441x		3063.66cm
10m	2.340, 9.2631x		3404.07cm

AAI Figure

※Warranty is based on indoor use

### ▼Electronic & output data

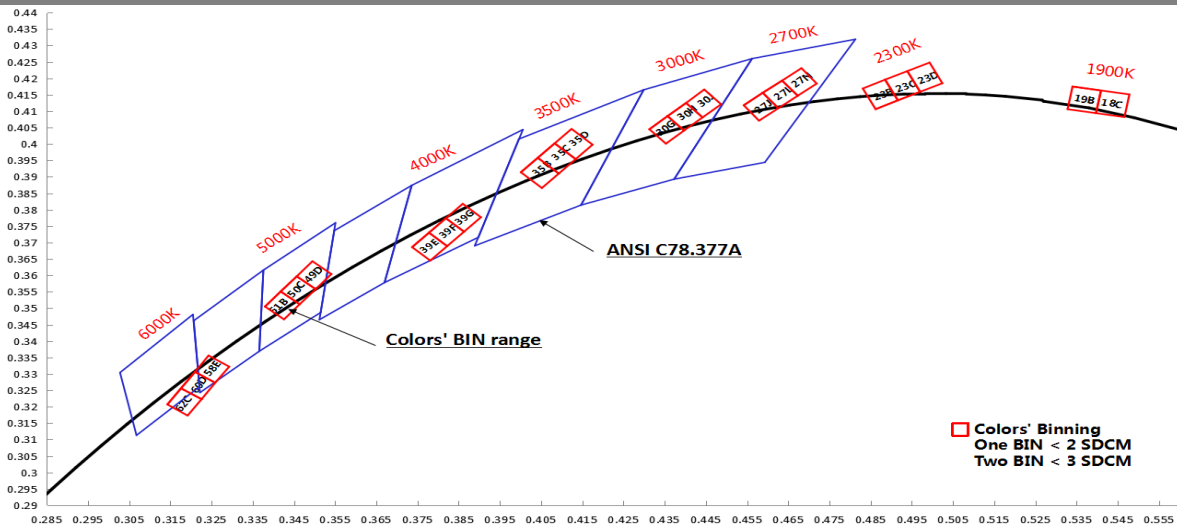
Input voltage: DC24V  
 Typical Power: 18.9W(1m) /64.8W(4m)  
 Max.power: 20.8W(1m)  
 Power range: 17 ~ 20.8W(1m)

Rated current: 0.79A(1m) /2.7A(4m)  
 CRI: 80/90/95  
 On-off times: 10000 (test times)  
 Copper foil: 2oz


CRI	Color	CCT	Lumen(lm)	lm/W	Energy efficiency class
Ra>80	GW	1900K	2220	117	F
Ra>80	LW	2300K	2470	131	E
Ra>80	SW	2700K	2670	141	E
Ra>80	WW	3000K	2810	149	D
Ra>80	PW	3500K	2855	151	D
Ra>80	NW	4000K	2930	155	D
Ra>80	DW	5000K	2930	155	D
Ra>80	W	6000K	2810	149	D
Ra>90	GW	1900K	1780	94	/
Ra>90	LW	2300K	1980	105	F
Ra>90	SW	2700K	2140	113	F
Ra>90	WW	3000K	2250	119	E
Ra>90	PW	3500K	2285	121	E
Ra>90	NW	4000K	2345	124	E
Ra>90	DW	5000K	2345	124	E
Ra>90	W	6000K	2250	119	E
Ra>95	GW	1900K	1760	93	/
Ra>95	LW	2300K	1960	104	F
Ra>95	SW	2700K	2120	112	F
Ra>95	WW	3000K	2230	118	F
Ra>95	PW	3500K	2290	121	E
Ra>95	NW	4000K	2325	123	E
Ra>95	DW	5000K	2325	123	E
0	G	525nm	1700	90	/
0	B	470nm	378	20	/

- 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	15mm*1.6mm	1900K/2300K/2700K/3000K/3500K/4000K/5000K/6000K/G/B	100%

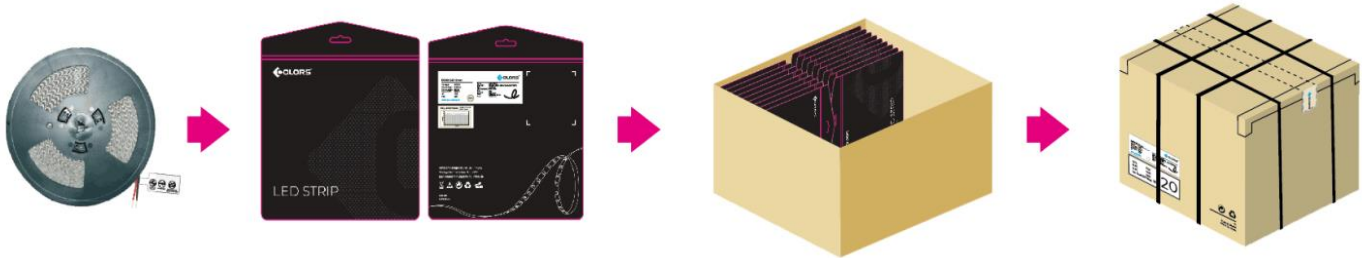
▼ Order Code Formats

1: Category		2: LED		3: LED/m		4: Voltage		5:FPC Width		6: IP Process		7: CRI		8: CCT	
D	-	8	2835	192	192 LED	24	24V	15	15mm	NO	NO	8	> 80	GW	1900K
										NA	NANO	9	> 90	LW	2300K
										SG	Gel coating	H	> 95	SW	2700K
										ET	Extrusion tube	0	0	WW	3000K
										EF	Extrusion filling			PW	3500K
														NW	4000K
														DW	5000K
														W	6000K
														G	Green
														B	Blue
D	-	8		192		24		15		NO		8		GW	
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				
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			

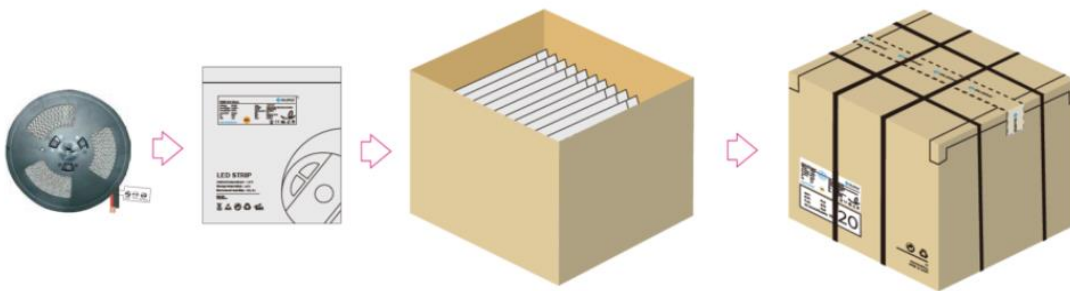
D81922415NO-8GWNSA012WC0500

## ▼ 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*15*1.6	5	150	0.14	7	8.05	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).