

Specification

DS8192-24V-12mm



▼General description

- Bridgelux led integrated, High efficiency up to 148lm/w@4000K , CRI80+
- Constant current design, Same brightness from one end to another
- SDCM≤3,one Bin delivery, With life span over 60000H, 5 years warranty
- Ta: -25~40°C; Tc: 75°C (max)



▼Dimension

※Max.length: 5000mm

Cutting unit: 8leds/41.67mm

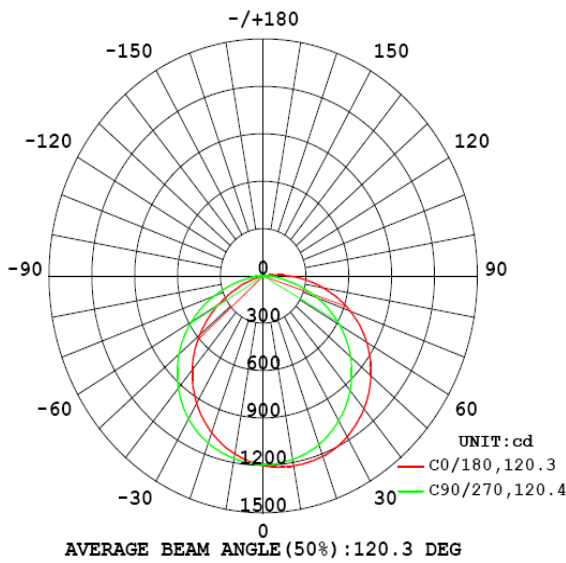
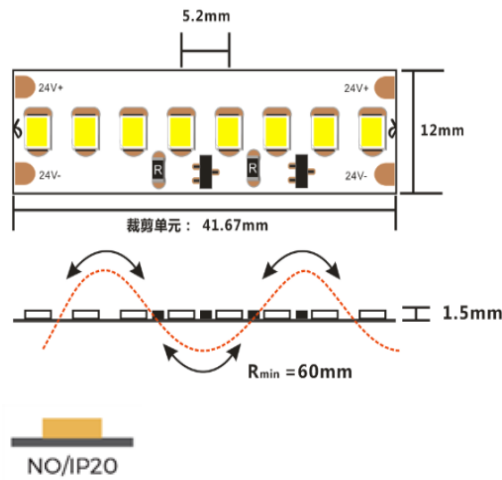
LED pitch: 5.2mm

Min. bend diameter: Φ60mm

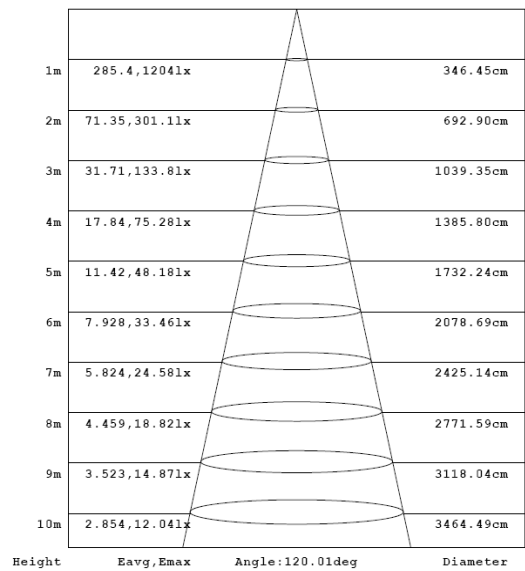
Mounting: 3M tape

IP: IP20

※Warranty: 5years



Photometric of 1M strip



Height	Eavg, Emax	Angle: 120.01deg	Diameter
1m	285.4, 1204lx		346.45cm
2m	71.35, 301.1lx		692.90cm
3m	31.71, 133.8lx		1039.35cm
4m	17.84, 75.28lx		1385.80cm
5m	11.42, 48.18lx		1732.24cm
6m	7.928, 33.46lx		2078.69cm
7m	5.824, 24.58lx		2425.14cm
8m	4.459, 18.82lx		2771.59cm
9m	3.523, 14.87lx		3118.04cm
10m	2.854, 12.04lx		3464.49cm

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: 1.04A(1m) /4.2A(5m)

Typical Powe: 25W(1m) /100.8W(5m)

CRI: >80/90

Max.power: 29W/m

On-off times: 10000 (test times)

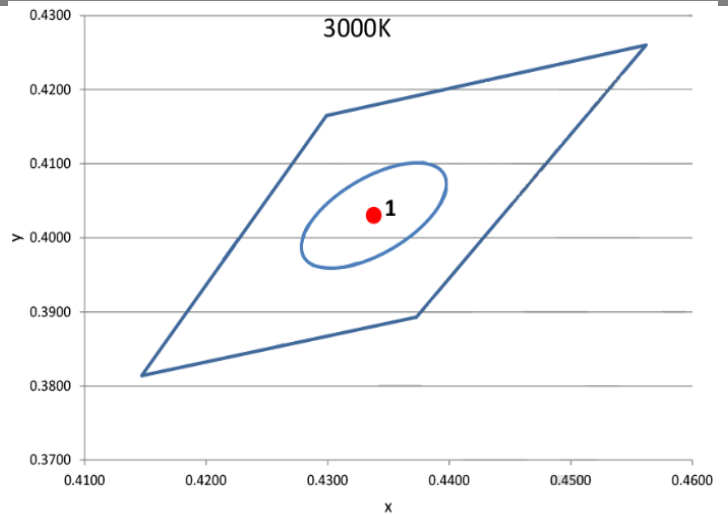
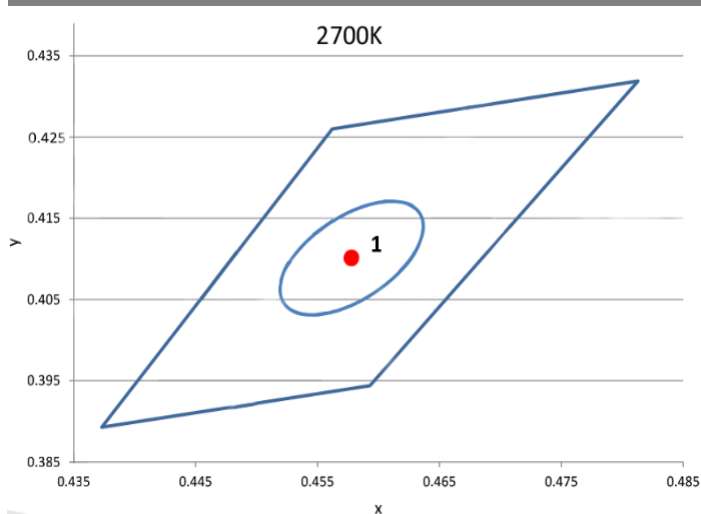
Power range: 22 ~ 27W

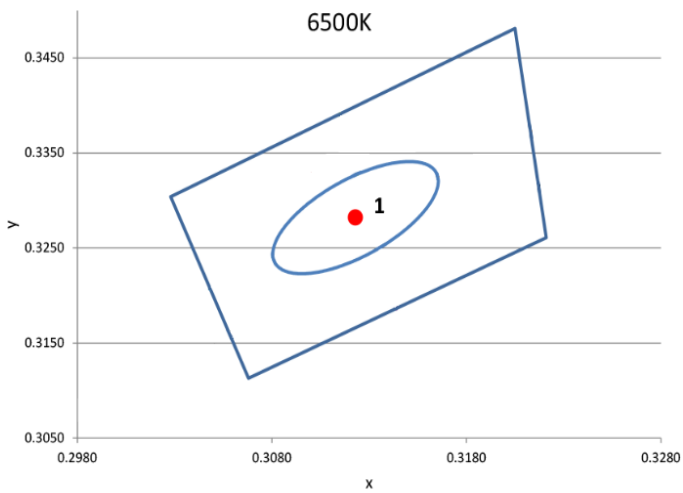
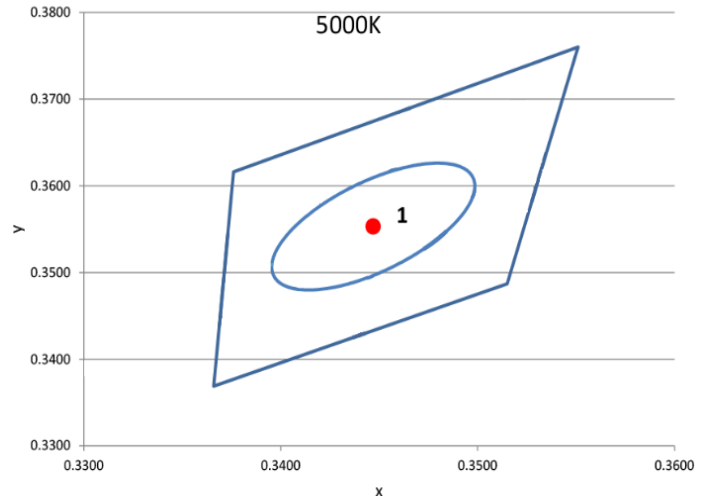
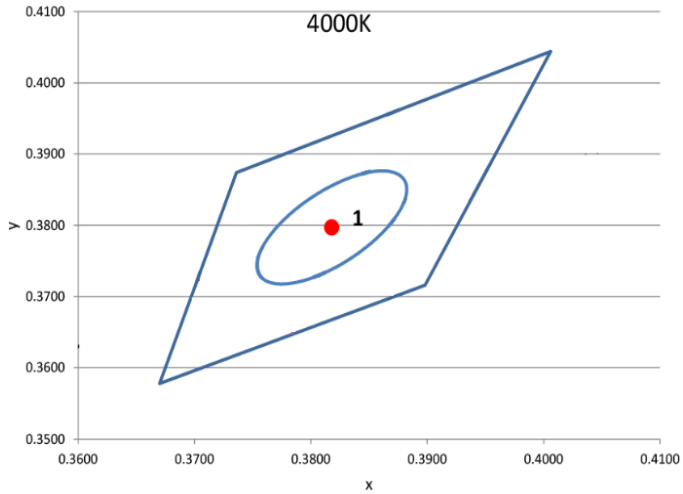
Copper foil: 3oz

CRI	Color	CCT	Lumen(lm)	lm/W	Energy efficiency class
Ra>80	SW	2700K	3374	135	A++
Ra>80	WW	3000K	3552	142	A++
Ra>80	NW	4000K	3700	148	A++
Ra>80	DW	5000K	3700	148	A++
Ra>80	W	6500K	3552	142	A++
Ra>90	SW	2700K	2740	109	A+
Ra>90	WW	3000K	2880	115	A+
Ra>90	NW	4000K	3000	120	A+
Ra>90	DW	5000K	3000	120	A+
Ra>90	W	6500K	2880	115	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





▼ Accessories Information

Name	Picture	Code	description
Connector for wire and FPC		94-03-00-0038	12mm width, 2PIN connector of wire and FPC, suitable for white color strip, NO/NA, 2PIN wire
Connector for FPC and FPC		94-03-00-0040	12mm width, 2PIN connector of FPC and FPC, suitable for white color strip, NO/NA
Fixed Clip		94-02-00-0019	Fixed clip, transparent, 3*8mm self-tapping screws, suitable for 12mm FPC, NO/NA LED strip

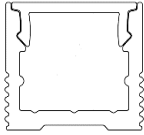
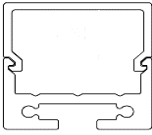
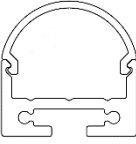
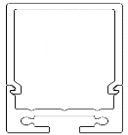
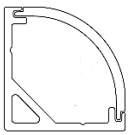
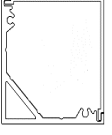
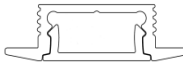
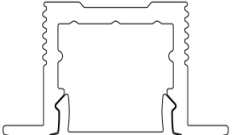

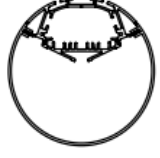

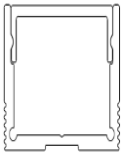
▼ Order Code Formats

1: Category	2: LED	3: LED/m	4: Voltage	5:FPC Width	6: IP Process	7: CRI	8: CCT
DS -	8 2835	192 192 LED	24 24V	12 12mm	NO NO	8 >80 9 >90	SW 2700K WW 3000K NW 4000K DW 5000K W 6500K
DS -	8	192	24	12	NO	8	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 Double	B SM-male wire	020 20cm	Y Yellow 3M	S Customized	0050 0.5m
S Customized	X Nothing	C SM-female wire	050 50cm	X Nothing		0100 1m
		X Nothing	100 100cm			
			0 Nothing			
N	S	A	012	W	C	0500

DS81922412NO-8SWNSA012WC0500

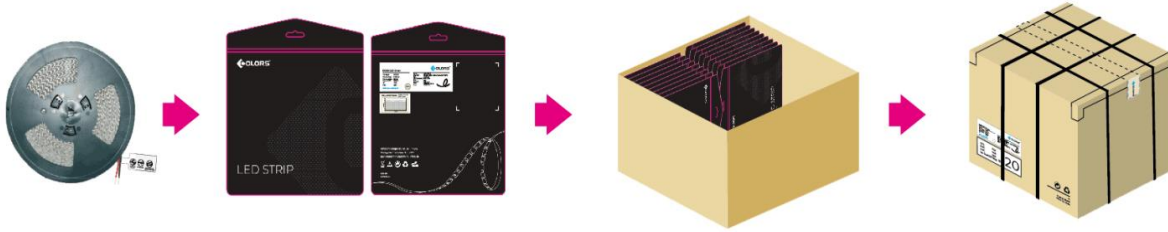
▼ Recommended profiles/optics

Model	LS1613(B)	LS1911K(B)	LS1911C(B)	LS1911P(B)	LG3030C(B)	LG3030K(B)
Size(mm)	16X13	19X11	19X11	19X11	30X30	30X30
Max.power (W/m)	28W	28W	28W	28W	28W	28W
Drawing						
Model	LE2507	LE2513	LT60	LT90	LT120	LS2820
Size(mm)	25X07	25X13	φ60	φ90	φ120	28X20
Max.power (W/m)	28W	28W	30W	50W	60W	35W
Drawing						

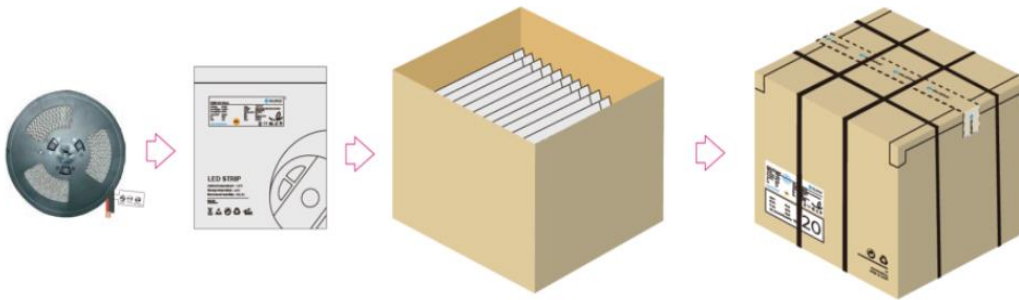
※ DS8192 must be used with heatsink or profiles, and the above profile are recommended.

▼ Packing

Colors brand package



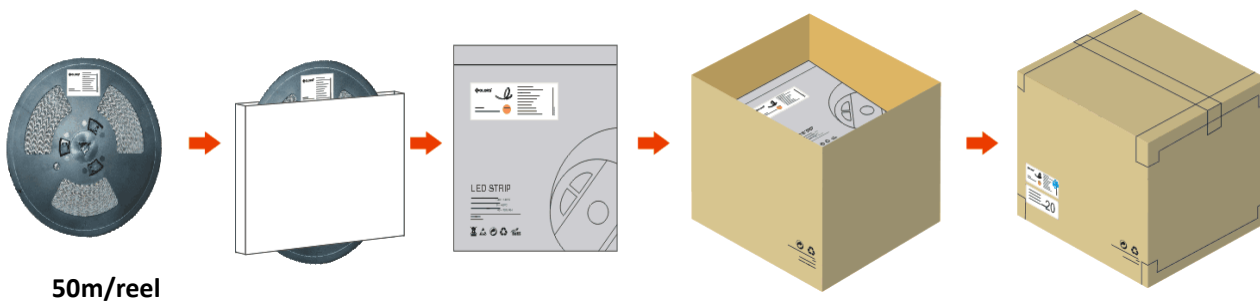
General customized package



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*12*1.5	5	250	0.178	8.9	10.235	41*41*26

Remark: data with 10% tolerance

Engineering packaging of NO(IP20)



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*12*1.5	50	500	1.78	17.8	20.47	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).