

# Specification

DS8128-24V-10mm



### ▼General description

- Bridgelux led integrated, High efficiency up to 155lm/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/62.5mm

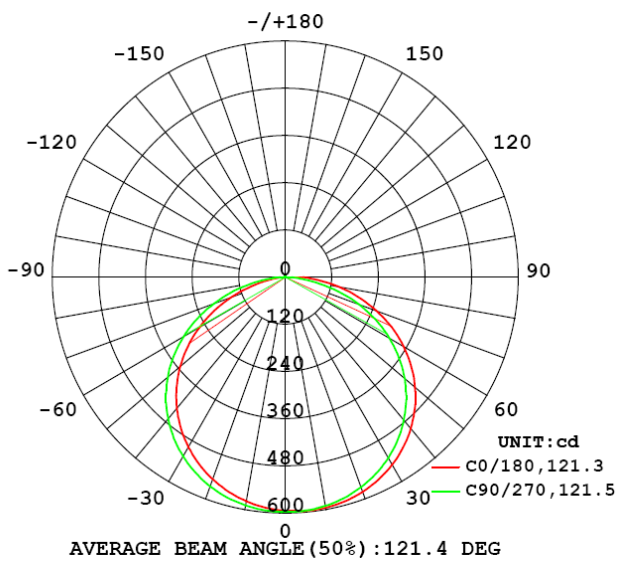
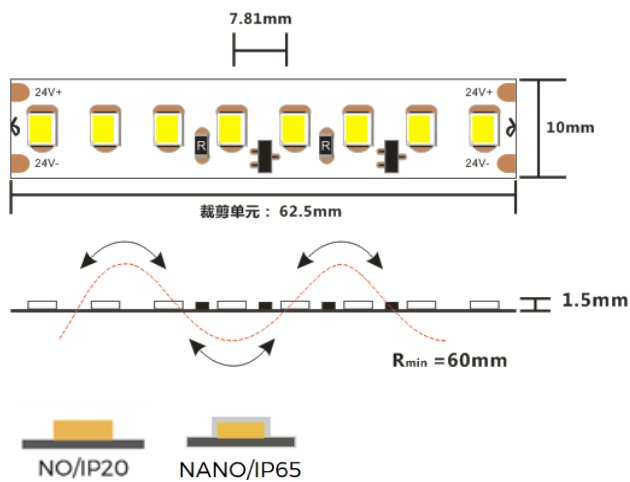
LED pitch: 7.81mm

Min. bend diameter: Φ60mm

Mounting: 3M tape

IP: IP20/IP65

※Warranty: 5years



Photometric of 1M strip

Height	Eavg, Emax	Angle: 121.26deg	Diameter
1m	143.4, 596.81x		355.37cm
2m	35.85, 149.21x		710.74cm
3m	15.93, 66.311x		1066.12cm
4m	8.963, 37.301x		1421.49cm
5m	5.736, 23.871x		1776.86cm
6m	3.983, 16.581x		2132.23cm
7m	2.927, 12.181x		2487.61cm
8m	2.241, 9.3251x		2842.98cm
9m	1.770, 7.3681x		3198.35cm
10m	1.434, 5.9681x		3553.72cm

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: 0.53A(1m) /2.5A(5m)

Typical Powe: 12.7W(1m) /60W(5m)

CRI: >80/90

Max.power: 14W/m

On-off times: 10000 (test times)

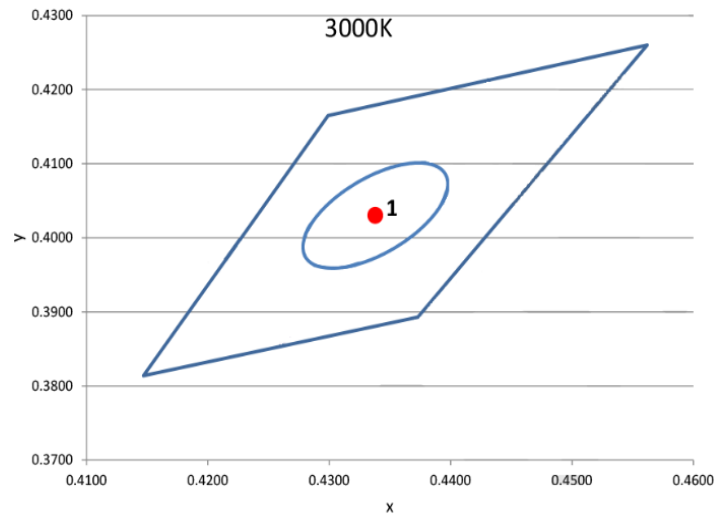
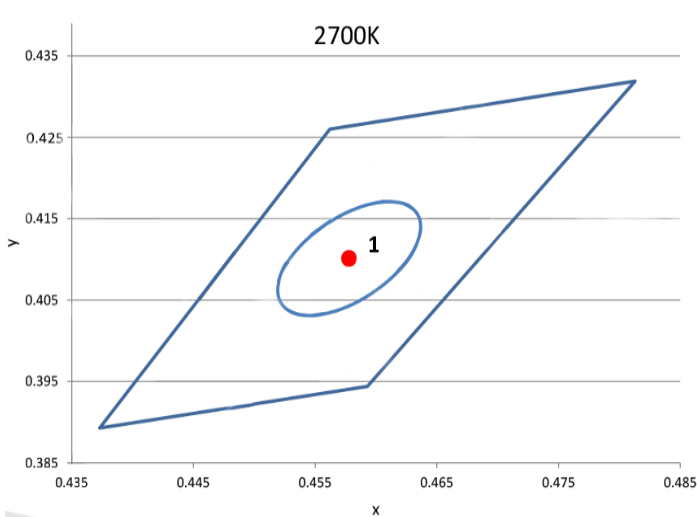
Power range: 11.6~14W

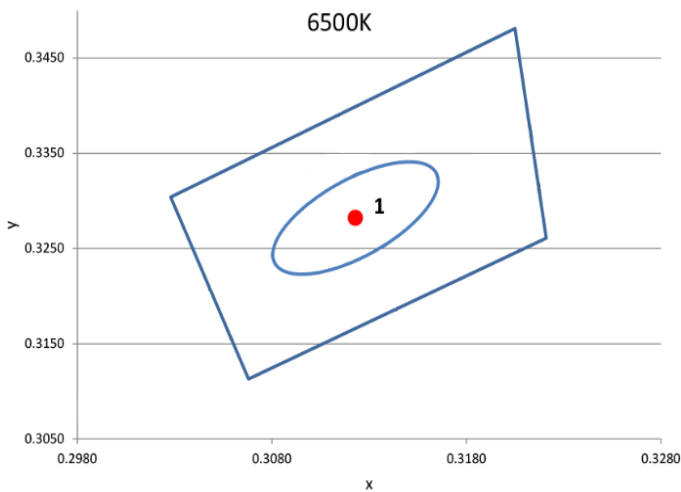
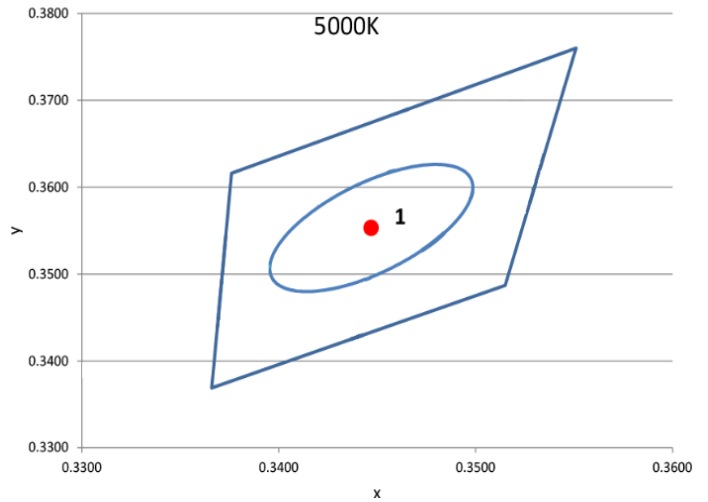
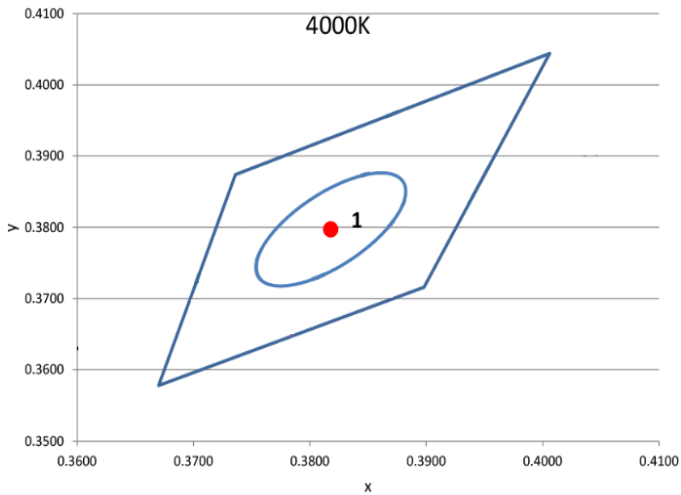
Copper foil: 3oz

CRI	Color	CCT	Lumen(lm)	lm/W	Energy efficiency class
Ra>80	SW	2700K	1790	141	A++
Ra>80	WW	3000K	1890	149	A++
Ra>80	NW	4000K	1970	155	A++
Ra>80	DW	5000K	1970	155	A++
Ra>80	W	6500K	1890	149	A++
Ra>90	SW	2700K	1390	109	A+
Ra>90	WW	3000K	1460	115	A+
Ra>90	NW	4000K	1530	120	A+
Ra>90	DW	5000K	1530	120	A+
Ra>90	W	6500K	1460	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










### ▼ IP Process

IP Process	Picture	description	Size	optional CCT/color for finished product	lumen output rate
NO		No proof	10mm*1.5mm	2700K/3000K/4000K/5000K/6500K	100%
NA		Nano-proof	10mm*1.6mm	2700K/3000K/4000K/5000K/6500K	98%

### ▼ Accessories Information

Name	Picture	Code	description
Connector for wire and FPC		94-03-00-0037	10mm width, 2PIN connector of wire and FPC,suitable for white color strip, NO/NA, 2PIN wire18- 22AWG
Connector for FPC and FPC		94-42-621020004	10mm width, 2PIN connector of FPC and FPC,suitable for white color strip, NO/NA

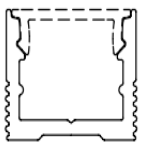
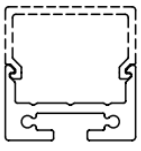

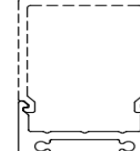
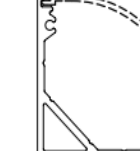
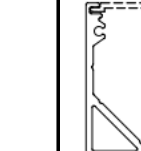
Slim connector		94-03-00-0064	TSC-10-2, suitable for 10mm fpc to fpc connection , IP20, 2pin, 10pcs per bag
FPC with wire		94-03-00-0067	wire connection when using together with TSC-10-2,IP20,2PIN, 10PCS per bag
Fixed Clip		94-02-00-0018	Fixed clip, transparent, 3*8mm self-tapping screws, suitable for 10mm 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	128	128 LED	24	24V	10	10mm	NO	NO	8	> 80	SW	2700K
										NA	NANO	9	> 90	WW	3000K
														NW	4000K
														DW	5000K
														W	6500K
DS	-	8		128		24		10		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	Doubel	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			

DS81282410NO-8SWNSA012WC0500

### ▼ Recommended profiles/optics

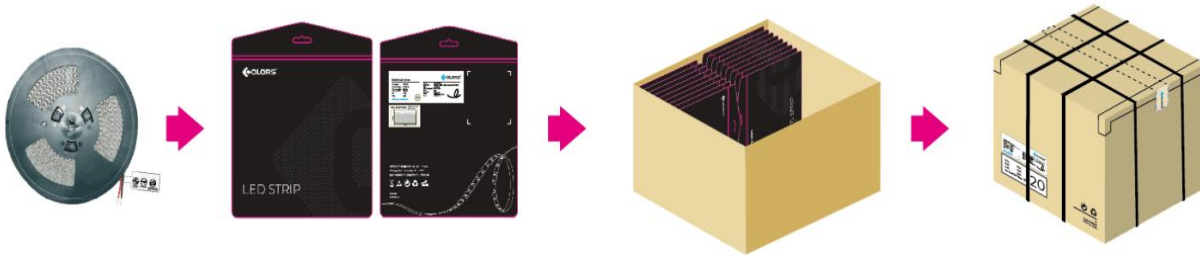
Model	LS1613(B)	LS1911K(B)	LS1911C(B)	LS1911P(B)	LG3030C(B)	LG3030K(B)
Size(mm)	16X13	19X11	19X11	19X11	30X30	30X30
Max.power (W/m)	28W	28W	28W	28W	28W	28W
Drawing						

Model	LE2507	LE2513	LT60	LT90	LT120	
Size(mm)	25X07	25X13	φ60	φ90	φ120	
Max.power (W/m)	28W	28W	30W	50W	60W	
Drawing						

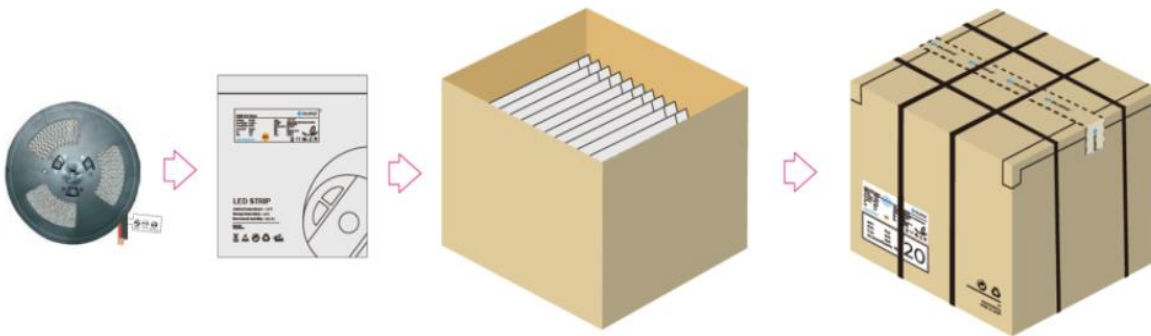
※ DS8128 can be used with heatsink or profiles, and the above profile are recommended.

## ▼ 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*10*1.5	5	250	0.122	6.1	7.015	41*41*26
NA	5000*10*1.5	5	250	0.124	6.2	7.13	41*41*26
ST	5000*12*4.5	5	200	0.343	13.72	15.778	41*41*26

Remark: data with 10% tolerance

## ▼ Precautions

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- ※ 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).