

Specification

DS8256-24V-12mm



▼General description

- Bridgelux led integrated, High efficiency up to 140lm/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: 2500mm

Cutting unit: 8leds/31.25mm

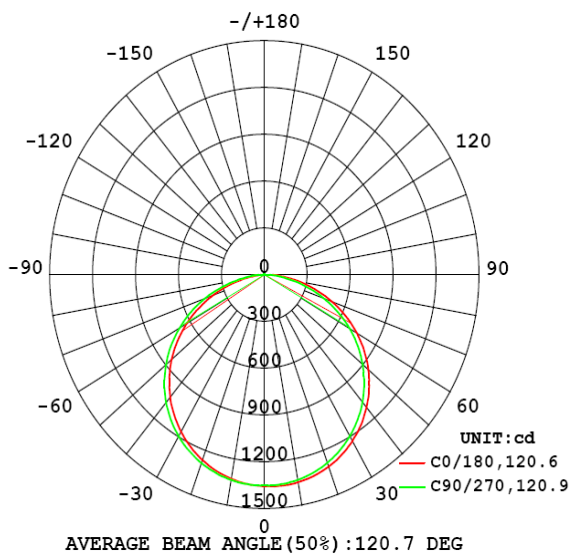
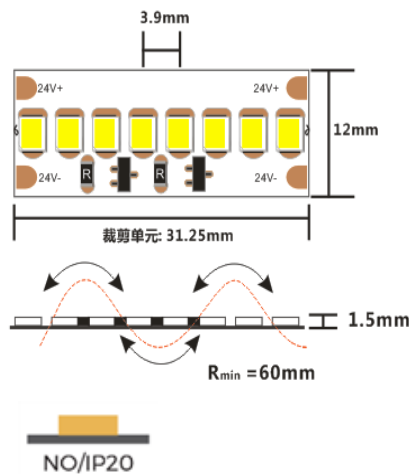
LED pitch: 3.9mm

Min. bend diameter: Φ60mm

Mounting: 3M tape

IP: IP20

※Warranty: 5years



Photometric of 1M strip

Height	Eavg, Emax	Angle: 120.61deg	Diameter
1m	325.3, 13561x		350.70cm
2m	81.31, 339.11x		701.40cm
3m	36.14, 150.71x		1052.10cm
4m	20.33, 84.771x		1402.80cm
5m	13.01, 54.251x		1753.50cm
6m	9.035, 37.681x		2104.20cm
7m	6.638, 27.681x		2454.90cm
8m	5.082, 21.191x		2805.60cm
9m	4.015, 16.751x		3156.30cm
10m	3.253, 13.561x		3507.00cm

AAI Figure

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

※Warranty is based on indoor use

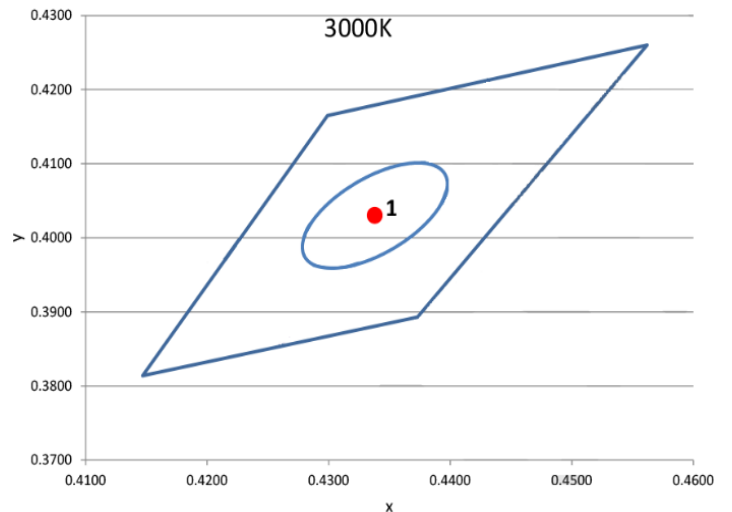
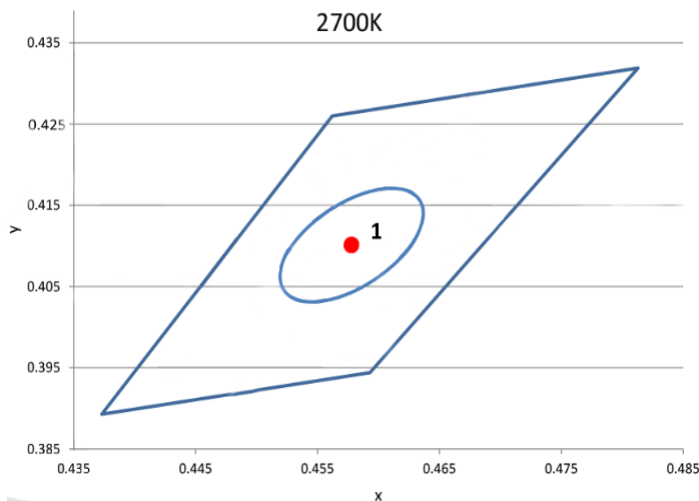
▼ Electronic & output data

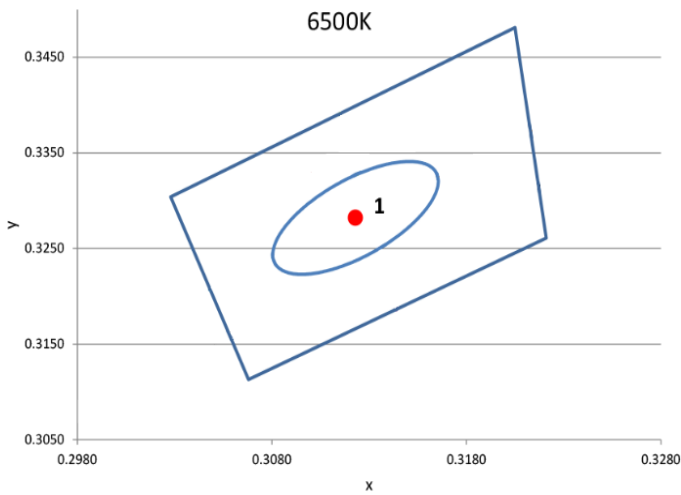
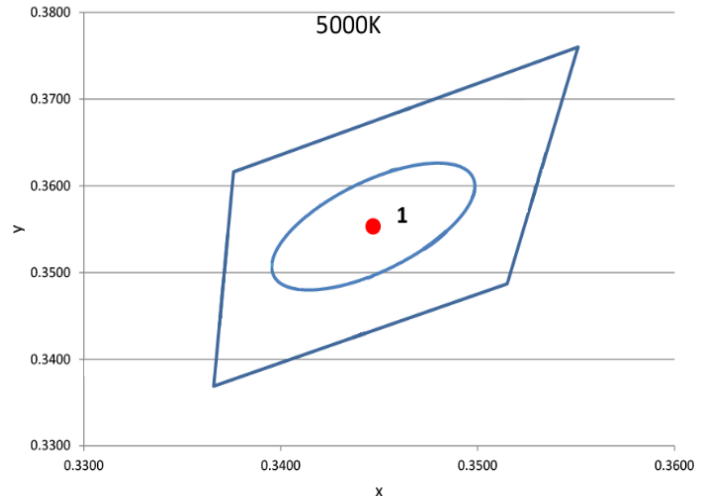
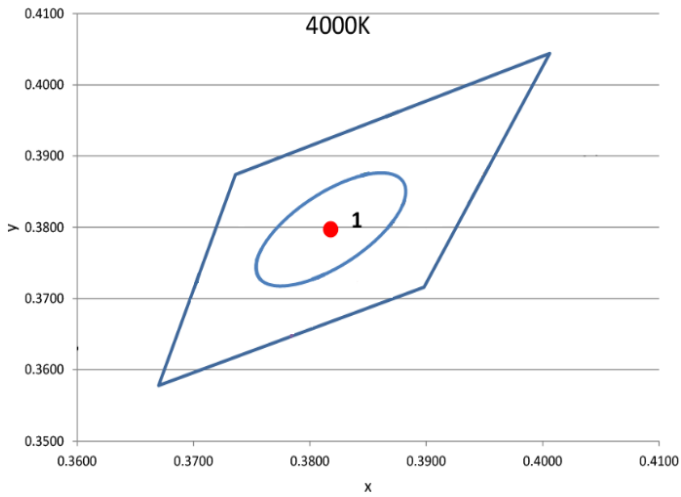
Input voltage: DC24V	Rated current: 1.42A(1m) /3.4A(2.5m)
Typical Powe: 34W(1m) /81.6W(2.5m)	CRI: >80/90
Max.power: 39W/m	On-off times: 10000 (test times)
Power range: 31 ~ 36W	Copper foil: 3oz

CRI	Color	CCT	Lumen(lm)	lm/W	Energy efficiency class
Ra>80	SW	2700K	4380	129	A++
Ra>80	WW	3000K	4610	136	A++
Ra>80	NW	4000K	4800	141	A++
Ra>80	DW	5000K	4800	141	A++
Ra>80	W	6500K	4610	136	A++
Ra>90	SW	2700K	3720	109	A+
Ra>90	WW	3000K	3920	115	A+
Ra>90	NW	4000K	4080	120	A+
Ra>90	DW	5000K	4080	120	A+
Ra>90	W	6500K	3920	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 18- 22AWG
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


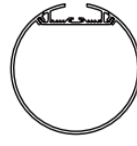
▼Order Code Formats

1: Category		2: LED		3: LED/m		4: Voltage		5:FPC Width		6: IP Process		7: CRI		8: CCT	
DS	-	8	2835	256	256 LED	24	24V	12	12mm	NO	NO	8	> 80	SW	2700K
												9	> 90	WW	3000K
														NW	4000K
														DW	5000K
														W	6500K
DS	-	8		256		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	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	

DS82562412NO-8SWNSA012WC0500

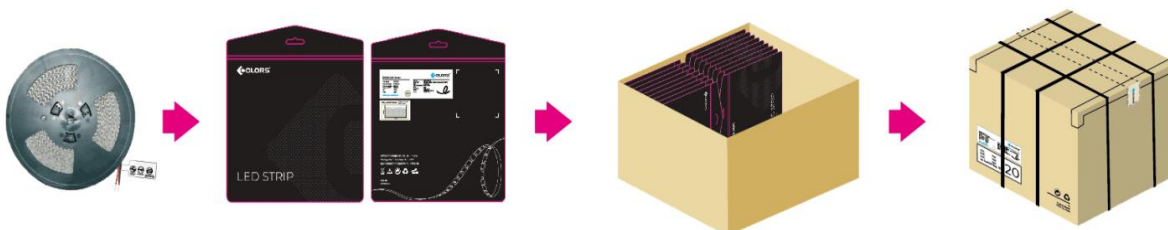
▼Recommended profiles/optics

Model	Size(mm)	Max.power(W/m)	Drawing
LT90	φ90	50W	
LT120	φ120	60W	

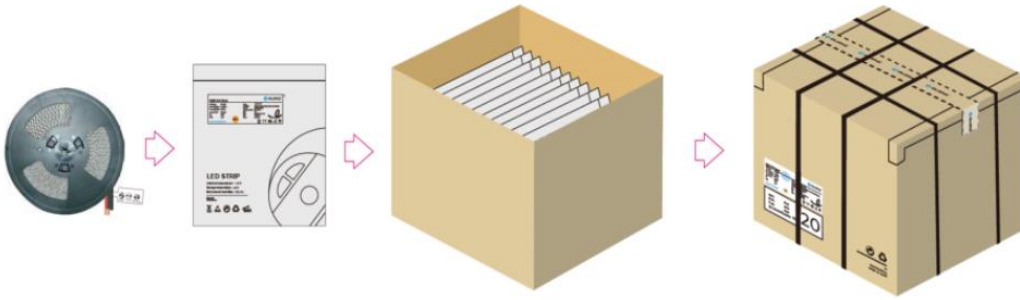
※ DS8256 must be used with heatsink or profiles,and the above profile are recomme

▼Packing

Colors brand package



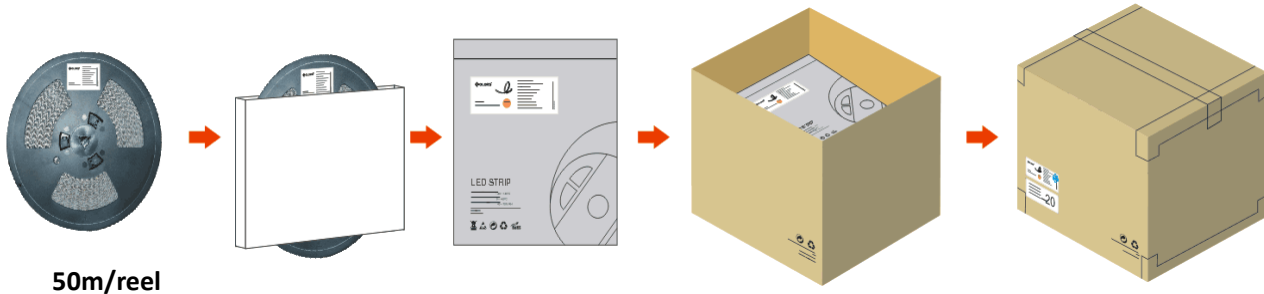
General customized package



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	2.5	125	0.125	6.25	7.18	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	400	2.5	20	23	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).