

Specification

DS8160-24V-10mm

CRI>80 21.6W



▼ General description

- Bridgelux led integrated,
High efficiency up to 146lm/w@4000K, CRI>80
- 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/50mm

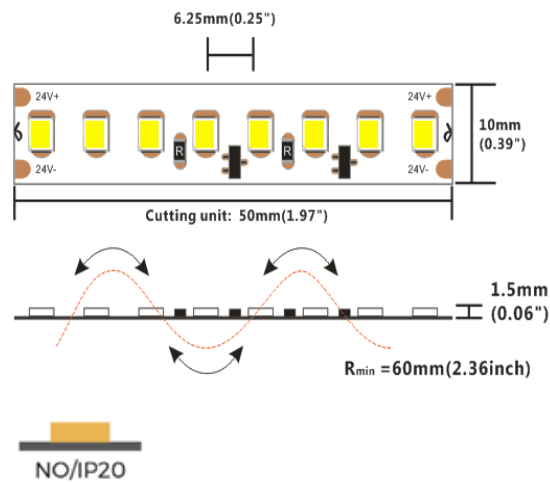
LED pitch: 6.25mm

Min. bend diameter: Φ60mm

Mounting: 3M tape

IP: IP20

※Warranty: 5years



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

※Warranty is based on indoor use


▼ Electronic & output data

Input voltage: DC24V	Rated current: 0.9A(1m) /4.5A(5m)
Typical Powe: 21.6W(1m) /108W(5m)	CRI: >80
Max.power: 23.8W/m	On-off times: 10000 (test times)
Power range: 19.4 ~ 23.8W	Copper foil: 3oz







CRI	Color	CCT	Lumen(lm)	lm/W	Energy efficiency class
Ra>80	SW	2700K	2870	133	A+
Ra>80	WW	3000K	3020	140	A++
Ra>80	NW	4000K	3150	146	A++
Ra>80	DW	5000K	3150	146	A++
Ra>80	W	6500K	3020	140	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

▼ 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	100%

▼ 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 wire 18- 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		94-02-00-0003	Silicone clip, screw: PA 3*8mm, suitable for 10mm FPC, SF/ST strip
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

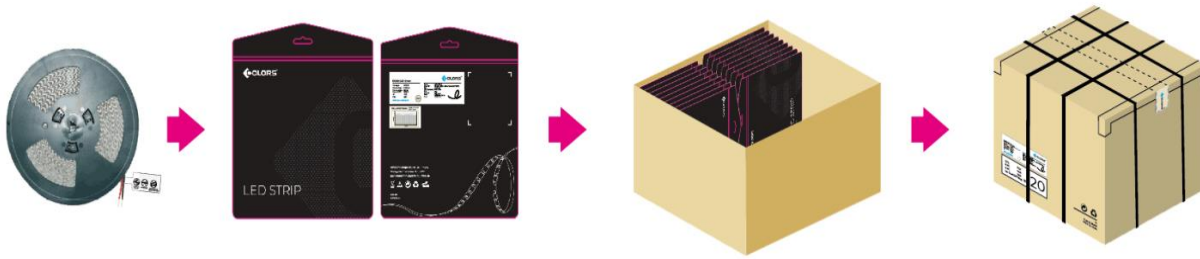
1: Category		2: LED		3: LED/m		4: Voltage		5:FPC Width		6: IP Process		7: CRI		8: CCT	
DS	-	8	2835	160	160 LED	24	24V	10	10mm	NO	NO	8	> 80	WW	3000K
DS	-	8		160		24		10		NO		8		WW	

9: Silk Printing		10: Entery 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	R	Red tape			0100	1m
				X	Nothing	100	100cm	X	Nothing				
						0	Nothing						
N		S		A		012		W		C		0500	

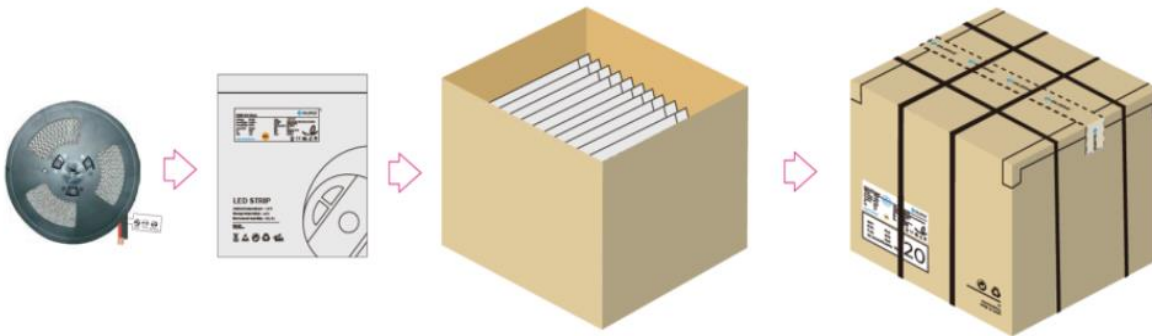
DS81602410NO-8W/WNSA012WC0500

▼ 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	0.157	7.85	9.03	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).