

Dedicated light source Specification

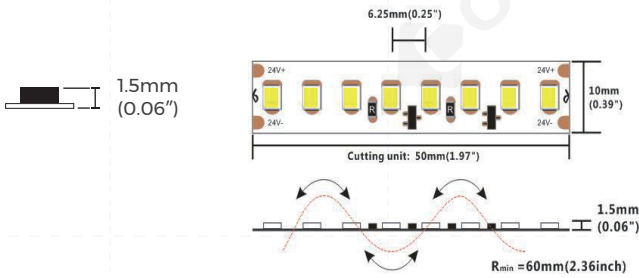
DS8160(A)

24V-10mm



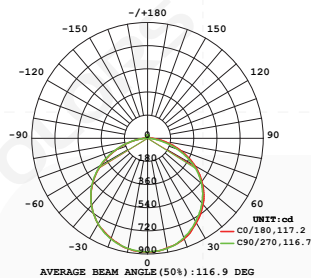
【General description】

- 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)

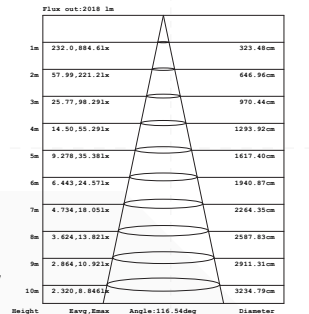


【Dimension】

Input voltage: DC24V	Max.length: 5000mm(16.4')
CRI: 80/90	Cutting unit: 8leds/50mm(1.97")
Max.power: 22.0W(1m)	LED pitch: 6.25mm(0.25")
Power range: 18.0~22.0W(1m)	Min. bend diameter: Φ60mm(2.36")
Rated current: 0.833A(1m) /4.167(5m)	Mounting: 3M tape
Typical Power: 20.0W(1m) /100.0W(5m)	Copper foil: 3oz
tape IP: IP20	
On-off times: 10000 (test times)	
Warranty: 5years	
(Warranty is based on indoor use)	



luminous intensity distribution diagram



AAI Figure

【Photo-electric Parameters】

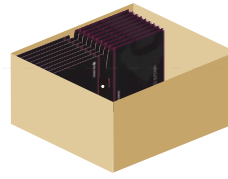
CRI	Color	CCT	Lumen(lm/m)	Lumen(lm/ft)	lm/W
Ra>80	SW	2700K	2595	790	130
Ra>80	WW	3000K	2655	810	133
Ra>80	PW	3500K	2695	820	135
Ra>80	NW	4000K	2800	855	140
Ra>80	DW	5000K	2800	855	140
Ra>80	W	6500K	2800	855	140
Ra>90	SW	2700K	2185	665	109
Ra>90	WW	3000K	2225	680	111
Ra>90	PW	3500K	2285	695	114
Ra>90	NW	4000K	2390	730	119
Ra>90	DW	5000K	2390	730	119
Ra>90	W	6500K	2390	730	119

Note:

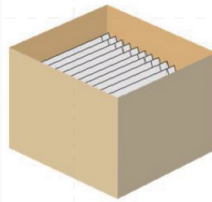
- 1.The tolerance of output data can be vary up to 15%.
- 2.the output data tested according to IES TM-30-15.
- 3.the output data is based on IP20/1merter,4000K,CRI 80,data of 5m in only for reference.

【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).
- Do not scratch the product when IP process of the product is NA. Ultraviolet rays will damage the nano-layers on the product and seriously affect the life of the product.