

CSP LINEAR Series Specification

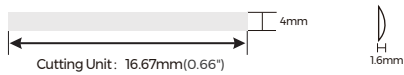
DP7

24V-4mm



【General description】

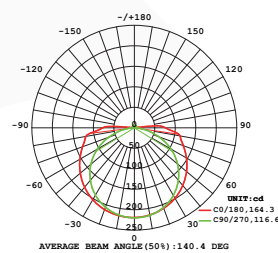
- Super slim 4mm for narrow space
- Free connecting by soldering-free connectors
- 4 optional 2700K/3000K/4000K/6500K
- Life longer than 54000H, Ta: -25~40°C; Tc: 75°C (max)
- UL/UACK/CE/ROHS/REACH certification



【Dimension】

Input voltage: DC24V
 CRI: 90
 Max.power: 10W(1m)
 Power range: 8~10W(1m)
 Rated current: 0.375A(1m)
 Typical Power: 9W(1m)
 tape IP: IP20/IP65
 On-off times: 10000 (test times)
 Warranty: 7 years indoors / 5 years outdoors

Max.length: 2500mm(8.2')
 Cutting unit: 16.67mm(0.66")
 LED pitch: 2.38mm(0.09")
 Min. bend diameter: $\Phi 60\text{mm}(2.36")$
 Mounting: 3M tape
 Copper foil: 2oz



· Photometric of 1M strip

Plot unit: 0.05, 6 cm

Height	Beam Diameter	Angle (1/2 Beam)	Diameter
1m	41.55, 210.71mm	15.5deg	323.49mm
2m	13.59, 54.93mm	15.5deg	646.96mm
3m	9.03, 24.81mm	15.5deg	970.44mm
4m	7.94, 11.72mm	15.5deg	1293.90mm
5m	7.46, 8.19mm	15.5deg	1617.40mm
6m	7.12, 6.13mm	15.5deg	1940.87mm
7m	6.85, 4.48mm	15.5deg	2264.35mm
8m	6.61, 3.43mm	15.5deg	2587.83mm
9m	6.39, 2.71mm	15.5deg	2911.31mm
10m	6.19, 2.18mm	15.5deg	3234.79mm

· AAI Figurestrip

【Photo-electric Parameters】

CRI	Color	CCT	Lumen(lm/m)	Lumen(lm/ft)	lm/W	ErP 2019
Ra>90	SW	2700K	800	244	89	G
Ra>90	WW	3000K	855	260	95	F
Ra>90	NW	4000K	935	285	104	F
Ra>90	W	6500K	900	274	100	F

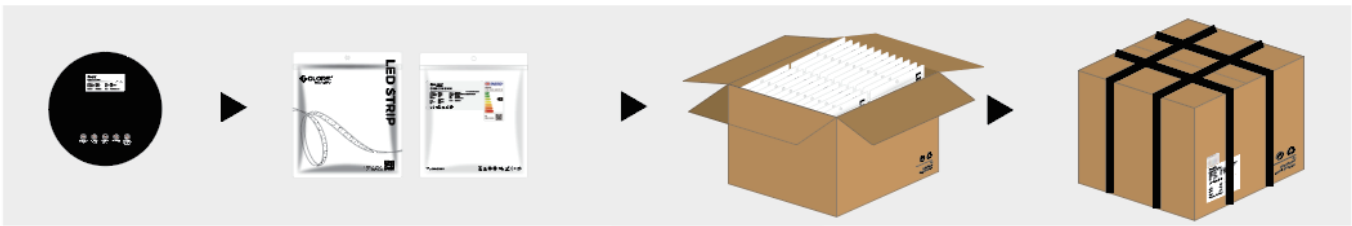
- 1.The tolerance of output data can be vary up to 10%.
- 2.the output data tested according to IES TM-30-15.
- 3.the output data is based on IP20/1merter, data of 5m in only for reference.
- 4.IP protection process leads changes to size, CCT and luminous flux.

【Electronic & output data】

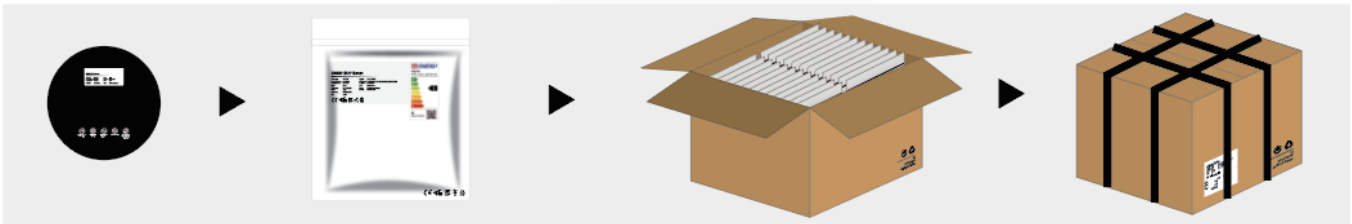
IP Process	Picture	Picture description	Size	optional CCT/color for finished product	lumen output rate
NO		No proof	4mm*1.6mm	2700K/3000K/4000K/6500K	100%
NANO		Nano-proof	4mm*1.6mm	2700K/3000K/4000K/6500K	98%

【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	2500*4*1.6	2.5	400	0.13	10.4	11.96	41*41*26
NA	2500*4*1.6	2.5	400	0.14	11.2	12.88	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℃~40℃. Storage temperature: 0℃~60℃. 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.