

CSP LINEAR Series Specification

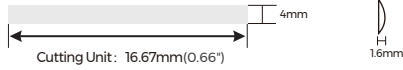
# DP7

## 24V-4mm



## 【General description】

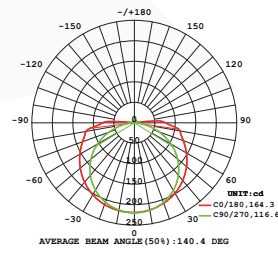
- Super slim 4mm for narrow space
- Free connecting by soldering-free connectors
- 4 optional 2700K/3000K/4000K/6500K
- Life longer than 54000H, Ta: -25~40°C; Tc: 75°C (max)
- UL/UACK/CE/ROHS/REACH certification



## 【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:  $\Phi$ 60mm(2.36")  
 Mounting: 3M tape  
 Copper foil: 2oz



- Photometric of 1M strip

Height	Ray	Angle	Diameter
1m	0	0	323.60mm
2m	0	0	646.96mm
3m	0	0	970.42mm
4m	0	0	1293.88mm
5m	0	0	1617.34mm
6m	0	0	1940.80mm
7m	0	0	2264.26mm
8m	0	0	2587.72mm
9m	0	0	2911.18mm
10m	0	0	3234.64mm

- 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/Imertex, data of 5m in only for reference.
- 4.IP protection process leads changes to size, CCT and luminous flux.

**【Electronic & output data】**

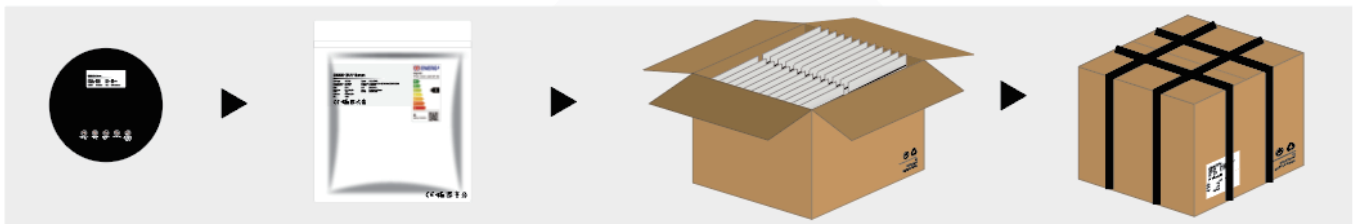
IP Process	Picture	Picture description	Size	optional CCT/color for finished product	lumen output rate
NO		No proof	4mm*1.6mm	2700K/3000K/4000K/6500K	100%
NANO		Nano-proof	4mm*1.6mm	2700K/3000K/4000K/6500K	98%

**【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°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.