

Dedicated light source Specification

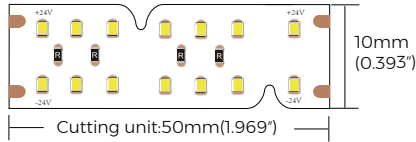
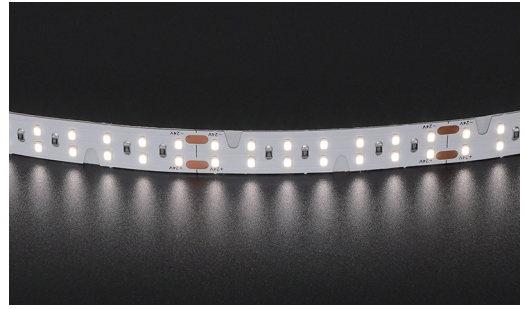
# DT6280

## 24V-10mm



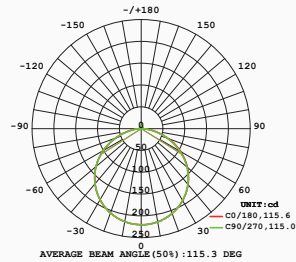
## 【General description】

- High efficiency up to 110lm/w@4000K, CRI90+ strip.
- Suitable for BR1613(BA)/BR2013(BA)/BR2013(A).
- High quality FPC, high thermal 3M adhesive.
- Easy to bend, suitable for curved profiles of various angles.
- Ta: -25~40°C; Tc: 75°C(max)
- 5 years warranty.

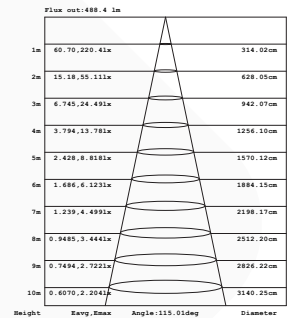


## 【Dimension-5M/REEL】

- |                                      |  |
|--------------------------------------|--|
| Input voltage: DC24V                 | Max.length: 5000mm(16.4')              |
| CRI: 90@4000K                        | Cutting unit: 14leds/50mm(1.969")      |
| Max.power: 7.3W/M                    | LED pitch: 16mm(0.63")                 |
| Power range: 5.9~7.3W(1m)            | Min. bend diameter: $\Phi$ 60mm(2.36") |
| Rated current: 0.63A(1m) / 1.29A(5m) | Mounting: 3M tape                      |
| Typical Power: 6.6W(1m) / 31W(5m)    | Copper foil: 3oz                       |
| tape IP: IP20                        | Warranty: 5 years                      |



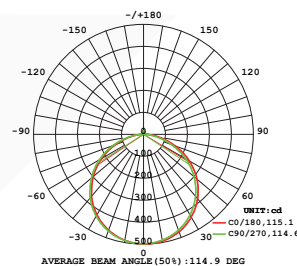
· Photometric of 1M strip



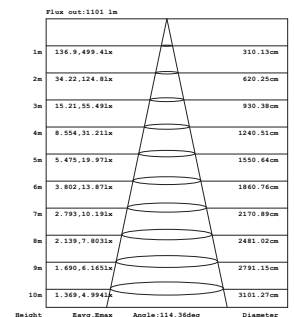
· AAI Figurestrip

## 【Dimension-4M/REEL】

- |                                      |  |
|--------------------------------------|--|
| Input voltage: DC24V                 | Max.length: 4000mm(13.12')             |
| CRI: 90@white light                  | Cutting unit: 14leds/50mm(1.969")      |
| Max.power: 16.5W/M                   | LED pitch: 16mm(0.63")                 |
| Power range: 13.5~16.5W(1m)          | Min. bend diameter: $\Phi$ 60mm(2.36") |
| Rated current: 0.63A(1m) / 2.35A(4m) | Mounting: 3M tape                      |
| Typical Power: 15W(1m) / 60W(4m)     | Copper foil: 3oz                       |
| tape IP: IP20                        | Warranty: 5 years                      |



· Photometric of 1M strip



· AAI Figurestrip

## 【Photo-electric Parameters】

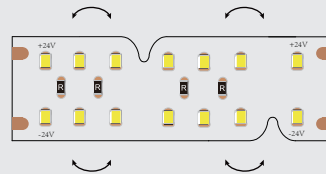
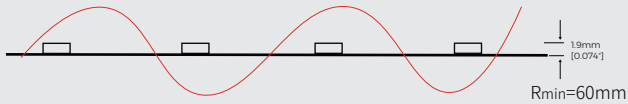
CRI	Color	CCT	Lumen (lm/m)	Lumen (lm/ft)	lm/W
Ra>90(6.6W)	SW	2700K	614	187	93
Ra>90(6.6W)	WW	3000K	660	201	100
Ra>90(6.6W)	PW	3500K	700	213	106
Ra>90(6.6W)	NW	4000K	726	221	110
Ra>90(6.6W)	DW	5000K	726	221	110
Ra>90(6.6W)	W	6000K	726	221	110
Ra>90(15W)	SW	2700K	1290	393	86
Ra>90(15W)	WW	3000K	1380	421	92
Ra>90(15W)	PW	3500K	1470	448	98
Ra>90(15W)	NW	4000K	1530	466	102
Ra>90(15W)	DW	5000K	1530	466	102
Ra>90(15W)	W	6000K	1530	466	102

- 1.The tolerance of output data can be vary up to 10%.
- 2.the output data tested according to the spectrum test report.
- 3.the output data is based on IP20/1 merter.

## 【Product mechanical data】

·Bending angle:  $0^\circ < \theta < 10^\circ$

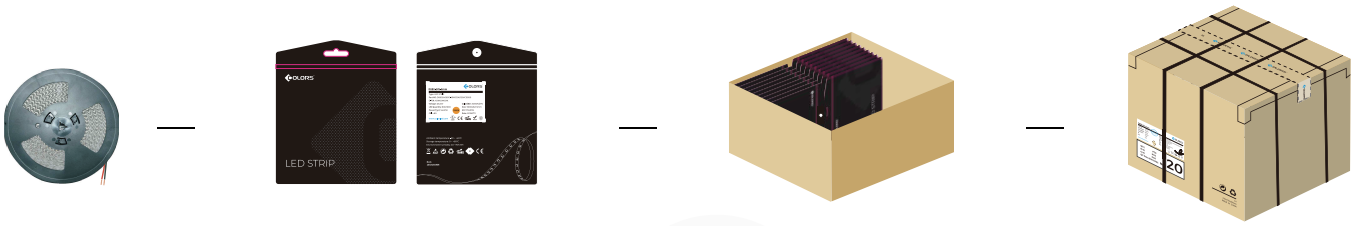
·Min.bend diameter:  $\phi 60\text{mm}[2.36"]$



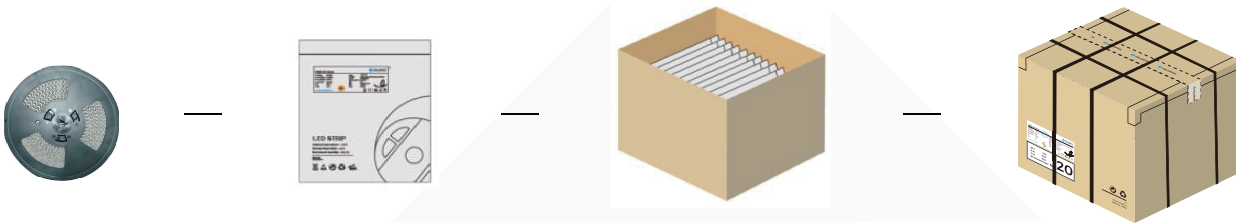
· Horizontal bending:  $D_{\text{min}} \geq 320\text{mm}$

## 【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	100	0.3	6	7.1	41*41*26
NO	4000*10*1.5	4	80	0.25	5	6.3	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: -40℃~85℃.Storage temperature: 0℃~85℃.
- 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).