

TRONIX

LED STRIP SPECIFICATION

3528SMD 60LEDs LED STRIP



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Description

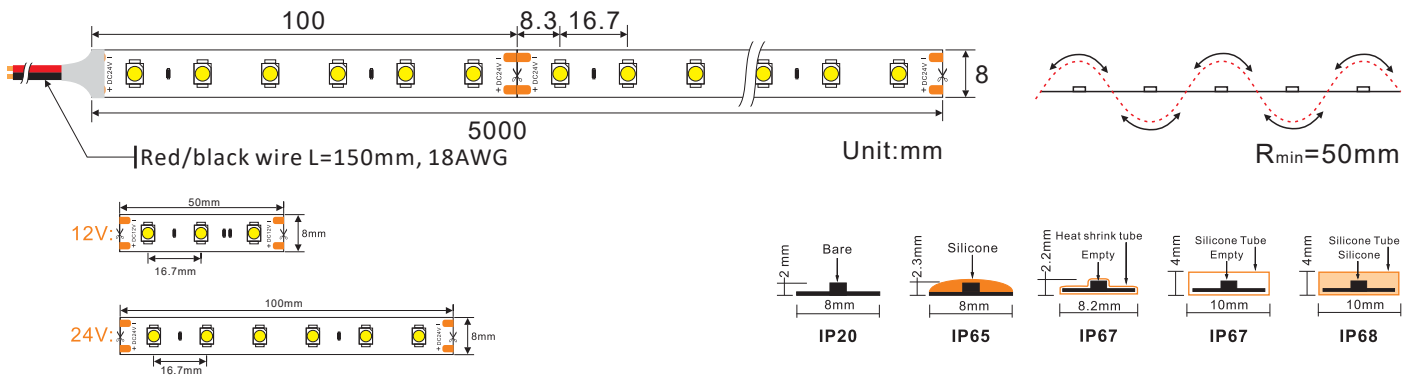
12V or 24V for option, flexible LED strip (3LED/step =50mm(12V)/6LED/step =100mm(24V)) with 3M adhesive tape on the back for easy installed.

308.78lm/m at 4.8W/m. 120° beam angle. Very good color reproduction with CRI>90. "One Bin Only" within 3 MacAdam guarantees constant color temperature and high light quality at a lifetime of 54,000 hours (L70).

Double-layer FPC(2Oz) for good heat dissipation.



Dimensions & Waterproof



Product Specification

| | |
|--------------|-----------------------|
| Dimension | 5000x8x2mm |
| Chip Type | 3528SMD |
| Chip Density | 60LEDs/m |
| Step LEDs | 3LEDs(12V)/6LEDs(24V) |
| Step Length | 50mm(12V)/100mm(24V) |

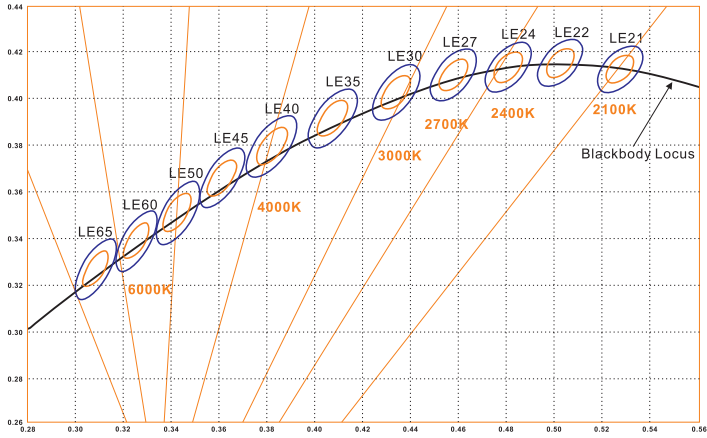
| | |
|-----------------------|---------------------|
| Voltage(V) | DC12V/DC24V |
| Current(A/m) | 0.4A(12V)/0.2A(24V) |
| Power(W/m) | 4.8W |
| Beam Angle | 120° |
| Operation Temperature | -20°C~50°C |

Product Photometrics (Data base on IP20 CRI>90)

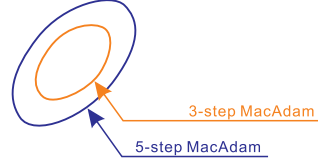
| CCT (K) | Lumen (lm/m) | Efficacy (lm/w) | CRI | R9 | TM-30-15 | |
|----------|--------------|-----------------|-------|-------|---------------|------------|
| | | | | | Rf (Fidelity) | Rg (Gamut) |
| 2100±100 | 250.94 | 52.28 | 91.28 | 82.33 | 89.54 | 100.3 |
| 2400±100 | 268.65 | 55.97 | 91.56 | 81.04 | 89.91 | 100.9 |
| 2700±100 | 277.72 | 57.86 | 94.37 | 82.05 | 91.38 | 101.7 |
| 3000±100 | 288.24 | 60.05 | 93.22 | 85.81 | 90.76 | 101.3 |
| 4000±200 | 299.32 | 62.36 | 95.89 | 90.36 | 93.66 | 102.8 |
| 6000±300 | 308.78 | 64.33 | 92.33 | 83.63 | 90.18 | 100.9 |

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Bining



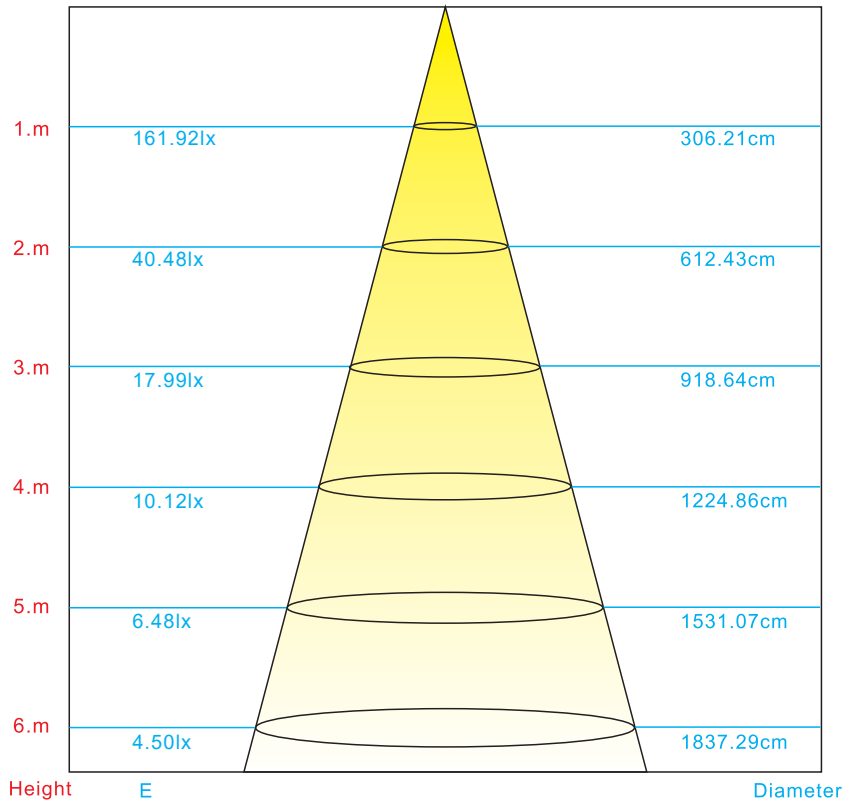
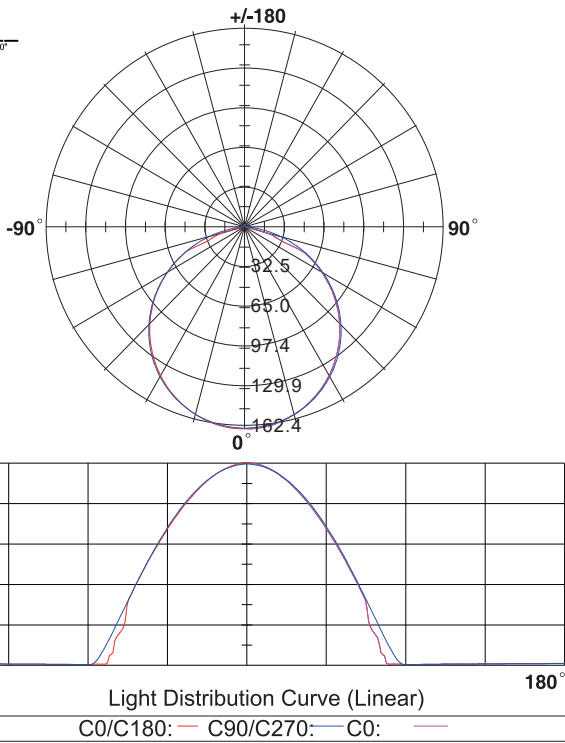
Graphic Description:



- IP20: bare, max. light output and the best color consistency, indoor use
- IP65: silicone dropped, ~5% less output and 3rd best color consistency, indoor use
- IP67: silicone tube, ~3% less output and 2nd best color consistency, indoor or semi-outdoor use
- IP68: silicone enclosed, ~7% less output and 4th best color consistency, underwater or outdoor use.

Light Distribution Curve [Data base on 1m IP20 3000K CRI>90, Unit:cd]

Luminaire



Beam Angle: 113.30°