



LED STRIP SPECIFICATION

1808SMD 700LEDs 10mm PCB LED STRIP



Note: LEDYI may change product specifications and installation guidance without prior notice.

1808SMD 700LEDs 10mm PCB LED STRIP



Part Number: LY700-S1808W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

→ W25/W27/W30/W35/W40/W50/W60

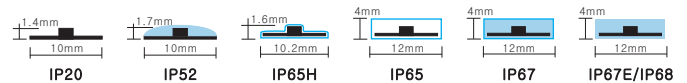
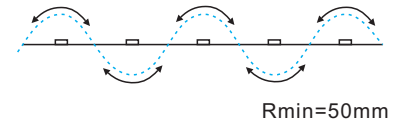
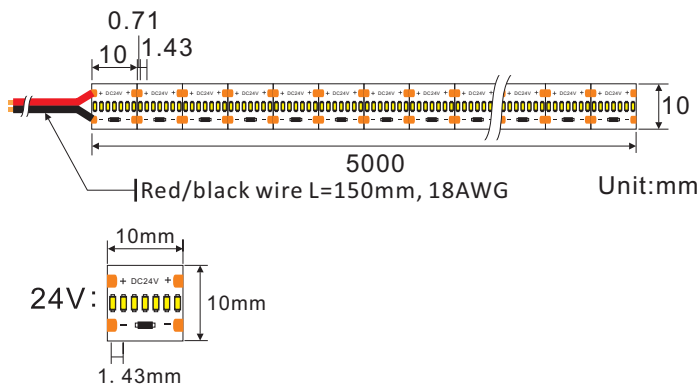


Description

24V, flexible LED strip (7LED/step = 10mm) with 3M adhesive tape on the back for easy installed. 2236lm/m at 20W/m. 120° beam angle. Very good color reproduction with CRI>95. "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

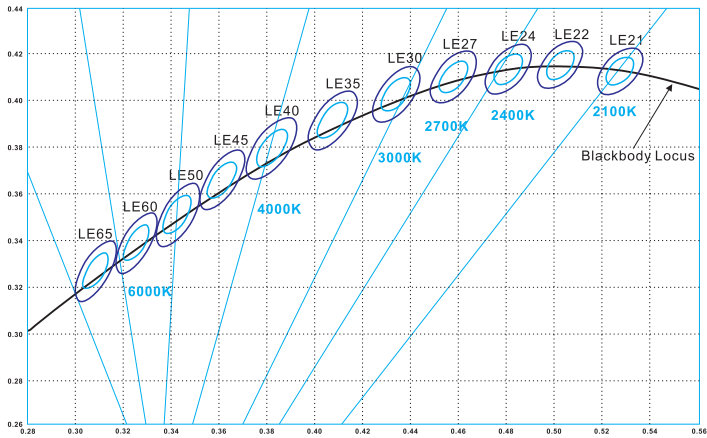
| | |
|--------------|---------------|
| Dimension | 5000x10x1.4mm |
| Chip Type | 1808SMD |
| Chip Density | 700LEDs/m |
| Step LEDs | 7LEDs |
| Step Length | 10mm |

| | |
|-----------------------|------------|
| Voltage(V) | DC24V |
| Current(A/m) | 0.84A |
| Power(W/m) | 20W |
| Beam Angle | 120° |
| Operation Temperature | -20°C~50°C |

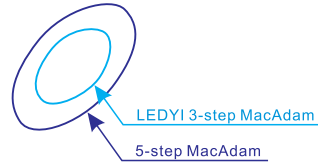
Product Photometrics (Data base on IP20 CRI>95)

| CCT (K) | Lumen (lm/m) | Efficacy (lm/w) | CRI | R9 | TM-30-15 | |
|----------|--------------|-----------------|------|------|---------------|------------|
| | | | | | Rf (Fidelity) | Rg (Gamut) |
| 2500±100 | 1832 | 91.6 | 95.6 | 92.3 | 96.5 | 100.1 |
| 2700±100 | 1862 | 93.1 | 96.1 | 93.9 | 95.7 | 101.2 |
| 3000±100 | 2126 | 106.3 | 96.9 | 95.6 | 95.2 | 101.7 |
| 3500±150 | 2132 | 106.6 | 96.8 | 96.3 | 96.9 | 102.9 |
| 4000±200 | 2206 | 110.3 | 97.2 | 96.2 | 96.5 | 100.1 |
| 5000+500 | 2218 | 110.9 | 96.3 | 96.4 | 95.7 | 102.9 |
| 6000+500 | 2236 | 111.8 | 95.1 | 96.1 | 95.0 | 100.2 |

Bining



Graphic Description:



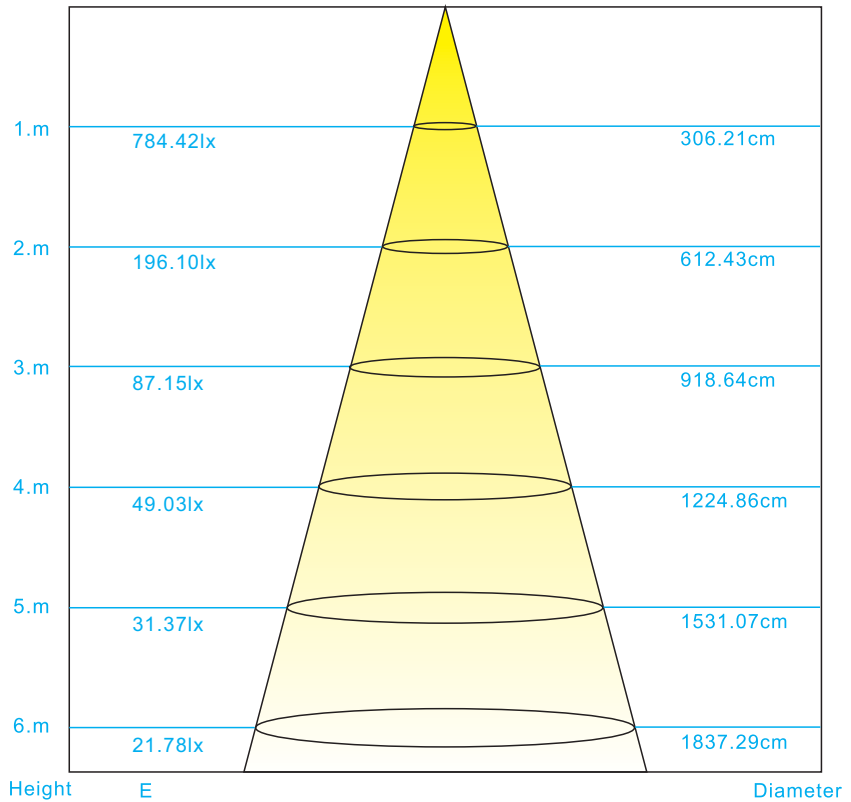
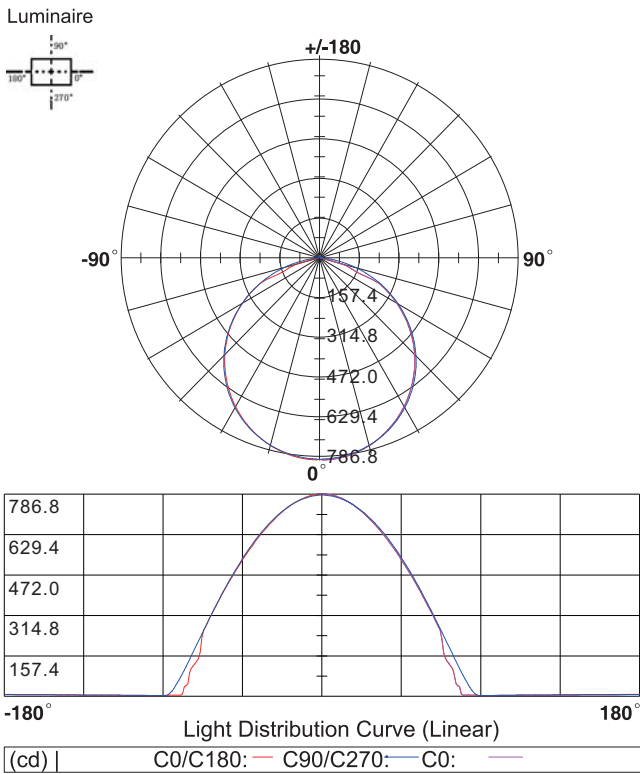
For all your order



Today and tomorrow

- IP20:** bare, max. light output and the best color consistency, indoor use.
- IP52:** Silicone coating, ~5% less output and 3rd best color consistency, indoor use, for damp environments.
- IP65:** Silicon tube / Heat shrink tube / Extrusion tube / U milky tube + clear cover, ~3% less output and 2nd best color consistency, Indoor use or semi-outdoor use, for raining environments.
- IP67:** Silicone tube + silicon filling, ~7% less output and 4th best color consistency, outdoor use, max length is 10 meters.
- IP67E:** Solid silicone extrusion, ~7% less output and 4th best color consistency, outdoor use, max length up to 50 meters.
- IP68:** PU(Polyurethane), ~7% less output and 4th best color consistency, under the water, within 2 meters deep.

Light Distribution Curve [Data base on 1m IP20 6000K CRI>95, Unit:cd]



Beam Angle: 116.30°

Packing Information (Data base on IP20)

