



# LED STRIP SPECIFICATION

2216SMD 180LEDs LED STRIP



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

# 2216SMD 180LEDs LED STRIP



Part Number: LY180-S2216W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68  
 → W27/W30/W40/W60

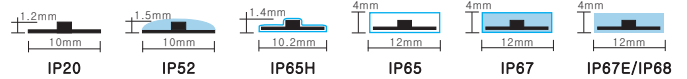
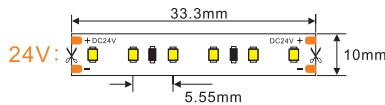
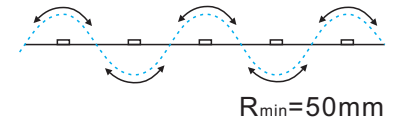
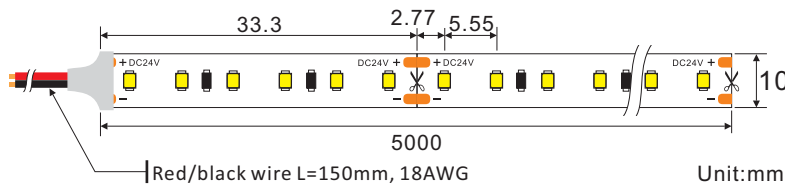


## Description

24V, flexible LED strip (6LED/step=33.3mm) with 3M adhesive tape on the back for easy installed. 1249.92lm/m at 14.4W/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 (L<sub>70</sub>). Double-layer FPC(2Oz) for good heat dissipation.



## Dimensions & Waterproof



## Product Specification

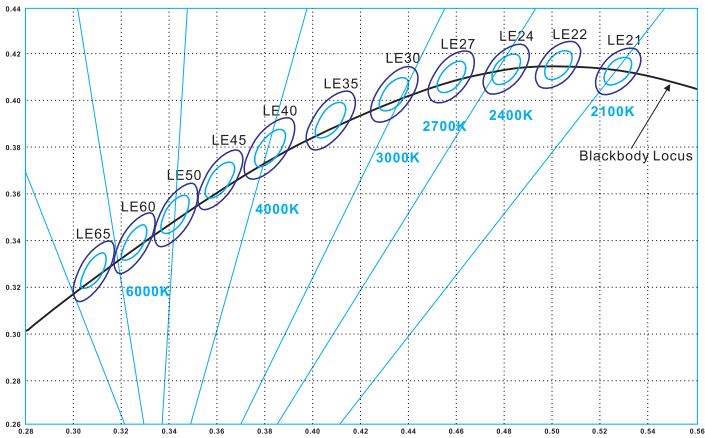
|              |               |
|--------------|---------------|
| Dimension    | 5000x10x1.2mm |
| Chip Type    | 2216SMD       |
| Chip Density | 180LEDs/m     |
| Step LEDs    | 6LEDs         |
| Step Length  | 33.3mm        |

|                       |            |
|-----------------------|------------|
| Voltage(V)            | DC24V      |
| Current(A/m)          | 0.6A       |
| Power(W/m)            | 14.4W      |
| 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) |
| 2700±100 | 1173.02      | 81.46           | 90.51 | 54.90 | 88.82         | 99.91      |
| 3000±100 | 1178.06      | 81.81           | 89.93 | 51.90 | 89.80         | 98.83      |
| 4000±200 | 1216.66      | 84.49           | 90.02 | 68.98 | 89.96         | 99.91      |
| 6000±300 | 1249.92      | 86.80           | 90.57 | 72.97 | 88.93         | 97.90      |

## Bining



Graphic Description:



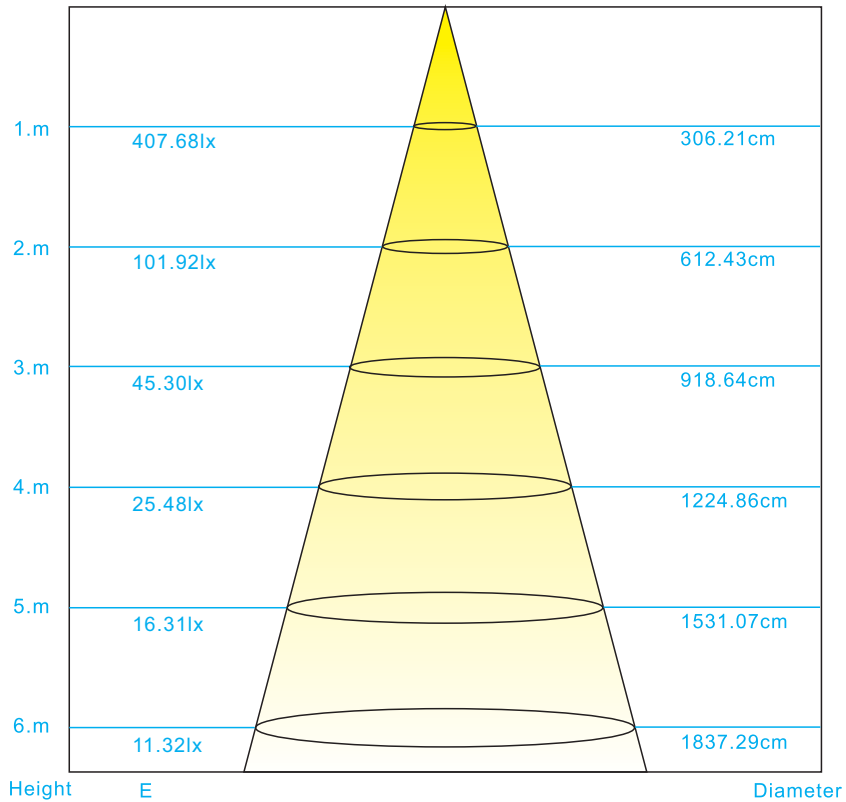
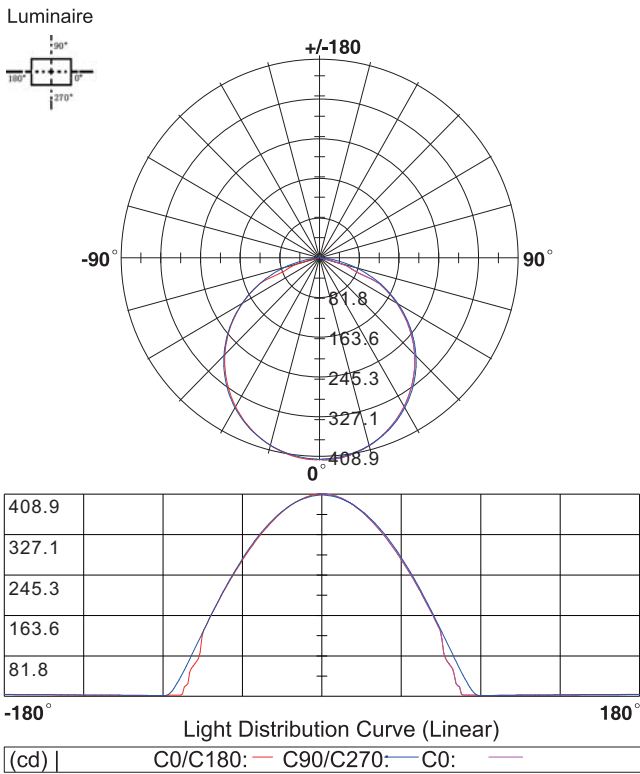
For all your order



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>90, Unit:cd]



## Packing Information (Data base on IP20)

