

LED STRIP SPECIFICATION

5050SMD 96LEDs RGB LED STRIP



5050SMD 96LEDs RGB LED STRIP

Part Num. LCE96-S5050RGB-W24- IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68



Description

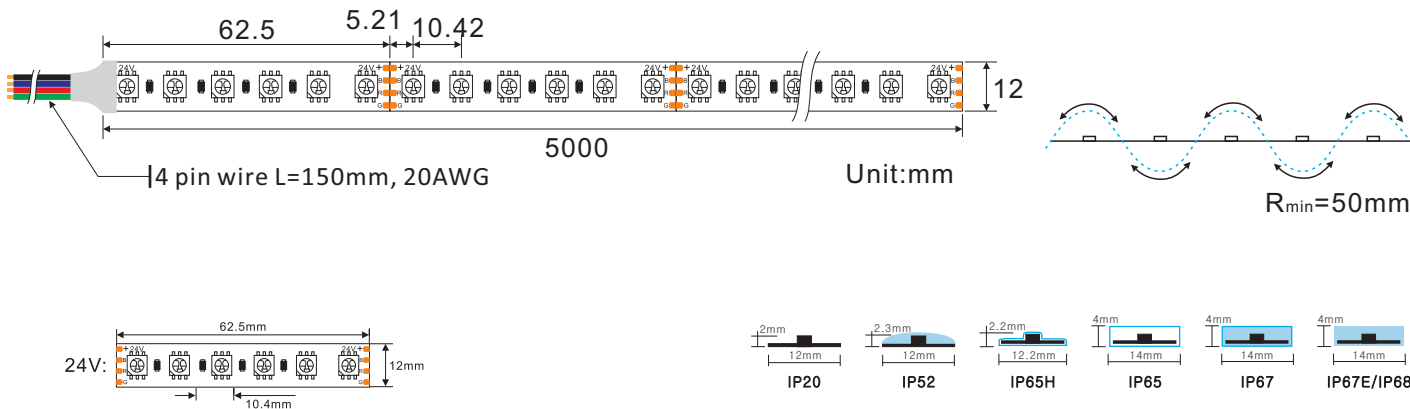
24V, flexible LED strip (6LED/step=62.5mm(24V)) with 3M adhesive tape on the back for easy installed.

23W/m. 120° beam angle,high light quality at a lifetime of 54,000 hours (L₇₀).

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



Dimensions & Waterproof



Product Specification

| | | | |
|--------------|-------------|-----------------------|-----------------------|
| Dimension | 5000x12x2mm | Voltage(V) | DC24V |
| Chip Type | 5050SMD | Current(A/m) | 0.96A |
| Chip Density | 96LEDs/m | Power(W/m) | 23W(3 colors 100% on) |
| Step LEDs | 6LEDs | Beam Angle | 120° |
| Step Length | 62.5mm | Operation Temperature | -20°C~50°C |

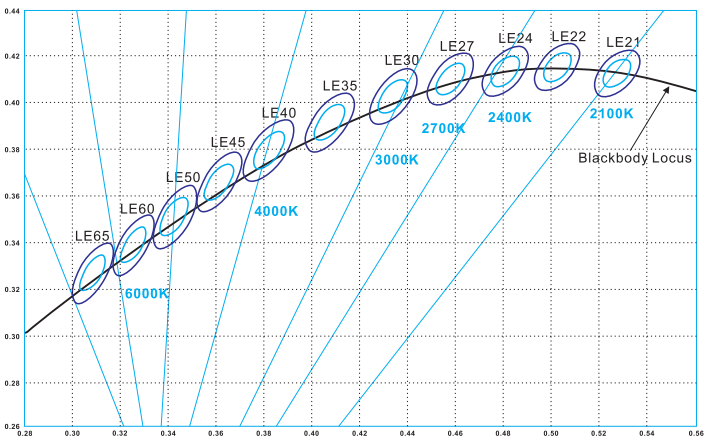
Product Photometrics - Red, Green and Blue Diodes(Data base on IP20)

| Color | Peak Wavelength (nm) | Dominant Wavelength (nm) | Lumen (lm/m) | Power (w/m) | Efficacy (lm/w) |
|-------|----------------------|--------------------------|--------------|-------------|-----------------|
| Red | 632 | 622 | 206 | 7.10 | 29 |
| Green | 517 | 523 | 670 | 7.79 | 86 |
| Blue | 462 | 466 | 120 | 7.06 | 17 |

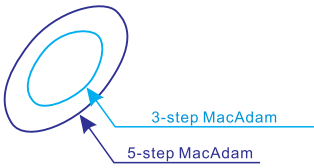
Product Photometrics - All Red, Green and Blue color at 100% on (Data base on IP20)

| CCT (K) | Lumen (lm/m) | Power (w/m) | Efficacy (lm/w) | CRI | R9 |
|------------|-----------------|----------------|--------------------|-----|----|
| 42300K | 980 | 22.27 | 44 | 50 | - |

Bining



Graphic Description:



For all your order

 **ONE
BIN
ONLY**

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.

Packing Information(Data base on IP20)

