

Waterproof SMD₅₀₅₀ Flexible RGB LED Strip Light



Part No. JT-50506012-RGB

Features:

- 1) Length 1 with 60 superbright 5050 SMD LED
- 2) Low power consumption, high intensity
- 3) Beam angle: 140 degrees
- 4) Long life 50,000+ hours
- 5) Professionally encapsulated to be waterproof IP67
- 6) Working voltage: 12V DC
- 7) Easy connection with snap-in connectors
- 8) Solid-state, high shock and vibration resistant
- 9) Major reduction in power costs
- 10) No RF interference
- 11) Maintenance free, easy installation

Absolute Maximum Rating at TA=25°C

Parameter Symbol Absolute Maximum Rating Unit

Forward Current IF 200 mA

Power Dissipation PD 2.4 W

Electrostatic discharge ESD 800 V

Operating Temperature Topr -25+60 °C

Storage Temperature Tstg -40+80 °C

Electrical / Optical Characteristics at TA=25°C

Parameter Symbol Condition Product Name COLOR Min

Typ Max Unit

Forward Voltage DCVF IF=200mA -- 12 -- V

Applications:

- Cove lighting
- Architectural decorative lighting
- Emergency hallway lighting
- Auditorium walkway lighting
- Archway, canopy and bridge edge lighting
- Stairway accent lighting
- Concealed lighting
- Backlighting for signage letters
- Channel letter lighting
- Emergency exit path lighting

Dominant Wavelength

λ_d /CCT

IF=200mAOW-R60RF-12-AR- 621-- -- nm

OW-R60GF-12-AG520

OW-R60BF-12-AB470

OW-R60YF-12-AY588

Luminous flux ϕ_V IF=200mAOW-R60RF-12-AR30lm

OW-R60GF-12-AG55

OW-R60BF-12-AB24

OW-R60YF-12-AY40

Recommend Forward Current IF(rec) ---- 200 -- mA



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