

PROTECH LED

be creative



LED STRIP SPECIFICATION

AT-W60-3





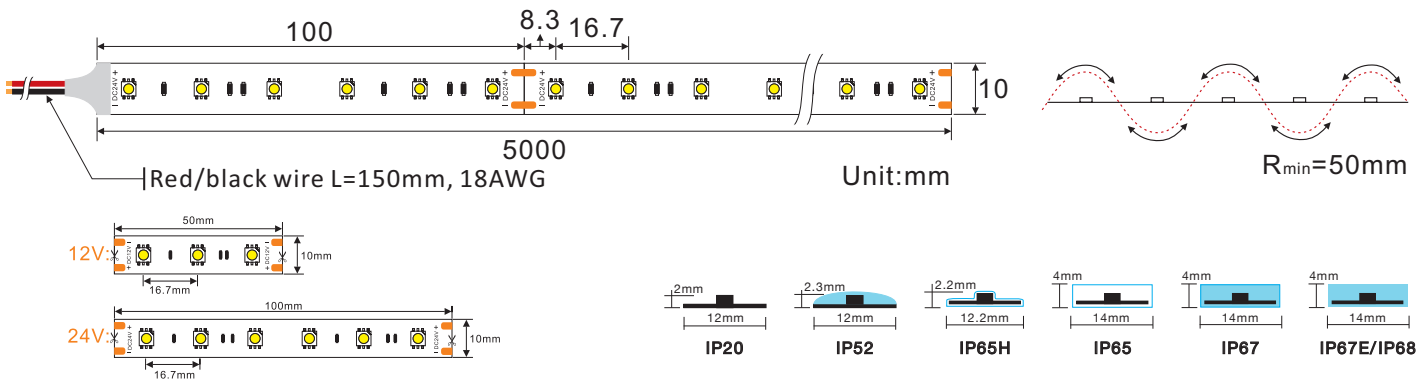
AT-W60-3

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.
1067.47lm/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 (L70).
Double-layer FPC(2Oz) for good heat dissipation.



DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

| | | | |
|--------------|-----------------------|-----------------------|---------------------|
| Dimension | 5000x10x2mm | Voltage (V) | DC12V/DC24V |
| Chip Type | 5050SMD | Current (A/m) | 1.2A(12V)/0.6A(24V) |
| Chip Density | 60LEDs/m | Power (W/m) | 14.4W |
| Step LEDs | 3LEDs(12V)/6LEDs(24V) | Beam Angle | 120° |
| Step Length | 50mm(12V)/100mm(24V) | Operation Temperature | -20°C~50°C |

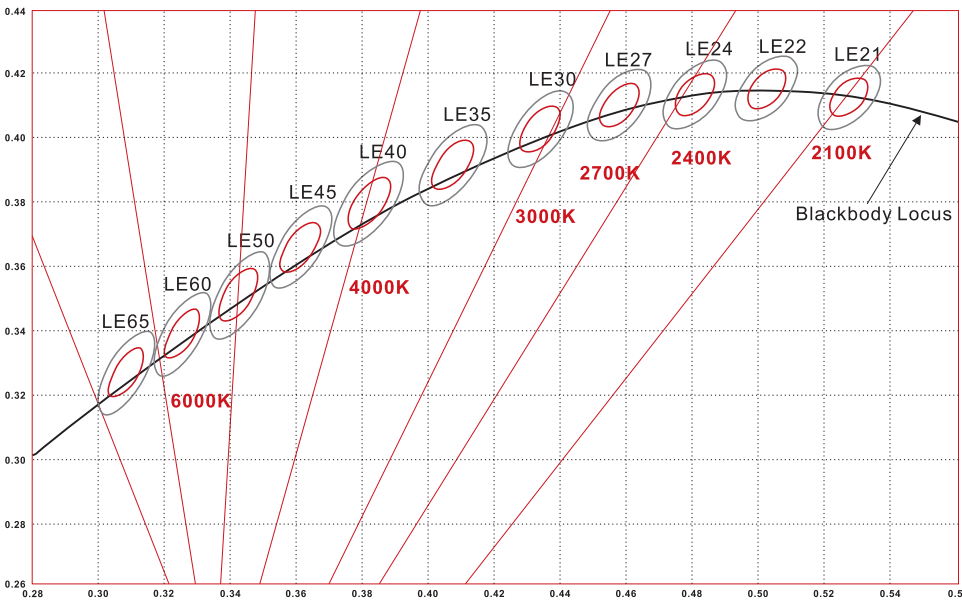
PRODUCT PHOTOMETRICS (DATA BASE ON IP20 CRI>90)

| CCT (K) | Lumen (lm/m) | Efficacy (lm/w) | CRI | R9 | TM-30-15 | |
|-----------------|----------------|-----------------|--------------|--------------|---------------|--------------|
| | | | | | Rf (Fidelity) | Rg (Gamut) |
| 2100±100 | 742.75 | 51.58 | 90.2 | 78.54 | 90.04 | 99.7 |
| 2400±100 | 817.49 | 56.77 | 91.51 | 79.04 | 90.11 | 99.9 |
| 2700±100 | 866.30 | 60.16 | 93.17 | 82.05 | 91.35 | 100.8 |
| 3000±100 | 926.64 | 64.35 | 93.80 | 79.82 | 90.26 | 101.5 |
| 4000±200 | 1012.60 | 70.32 | 96.75 | 89.36 | 92.16 | 103.8 |
| 6000±300 | 1067.47 | 74.13 | 91.28 | 79.63 | 90.13 | 99.91 |

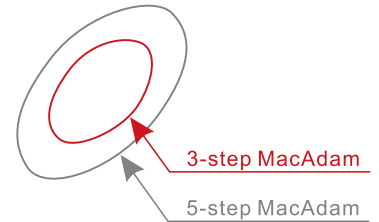


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BINING



Graphic Description:



- 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 3000K CRI>90, UNIT:CD)

