



# ATENDI

| protech led



## LED STRIP SPECIFICATION

AT-WW30-4





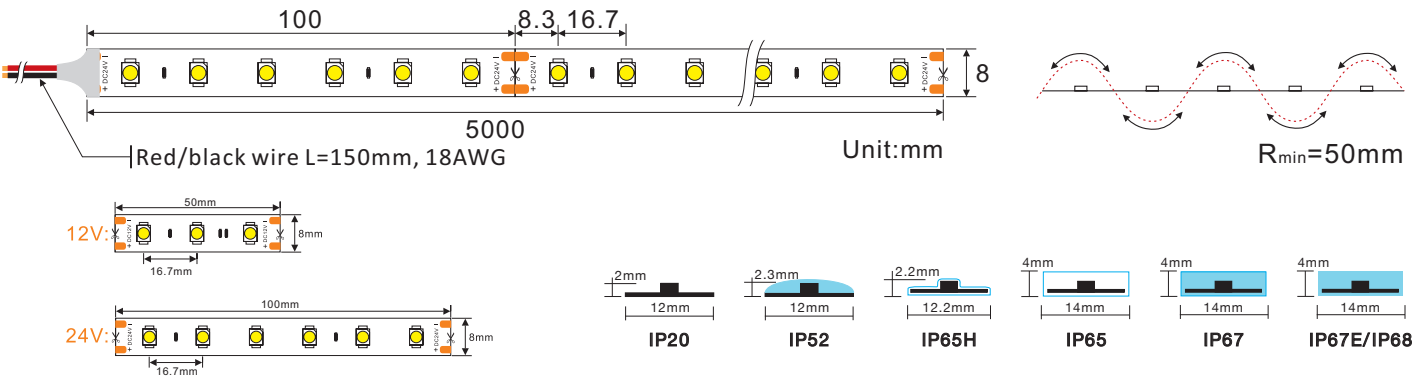
# AT-WW30-4

## 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. 308.78lm/m at 4.8W/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    | 5000x8x2mm            | Voltage (V)           | DC12V/DC24V         |
| Chip Type    | 3528SMD               | Current (A/m)         | 0.4A(12V)/0.2A(24V) |
| Chip Density | 60LEDs/m              | Power (W/m)           | 4.8W                |
| Step LEDs    | 3LEDs(12V)/6LEDs(24V) | Beam Angle            | 120°                |
| Step Length  | 50MM(12V)/100MM(24V)  | Operation Temperature | -20°C~50°C          |

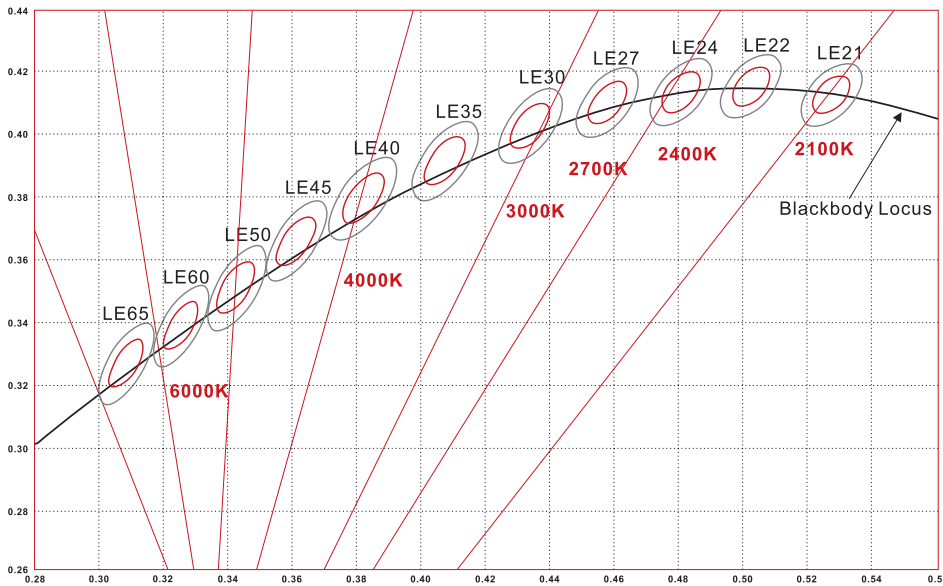
## PRODUCT PHOTOMETRICS (DATA BASE ON IP20 CRI>90)

| CCT (K)         | Lumen (lm/m)  | Efficacy (lm/w) | CRI          | R9           | TM-30-15      |              |
|-----------------|---------------|-----------------|--------------|--------------|---------------|--------------|
|                 |               |                 |              |              | Rf (Fidelity) | Rg (Gamut)   |
| 2100±100        | 250.94        | 52.28           | 91.28        | 82.33        | 89.54         | 100.3        |
| 2400±100        | 268.65        | 55.97           | 91.56        | 81.04        | 89.91         | 100.9        |
| 2700±100        | 277.72        | 57.86           | 94.37        | 82.05        | 91.38         | 101.7        |
| <b>3000±100</b> | <b>288.24</b> | <b>60.05</b>    | <b>93.22</b> | <b>85.81</b> | <b>90.76</b>  | <b>101.3</b> |
| 4000±200        | 299.32        | 62.36           | 95.89        | 90.36        | 93.66         | 102.8        |
| 6000±300        | 308.78        | 64.33           | 92.33        | 83.63        | 90.18         | 100.9        |

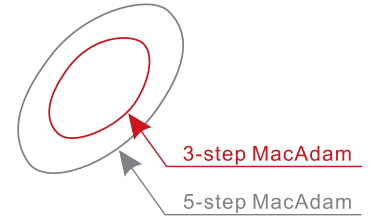


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## BINING



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)

