

PROTECH LED

be creative



LED STRIP SPECIFICATION

AT-RGBW60-CC-1





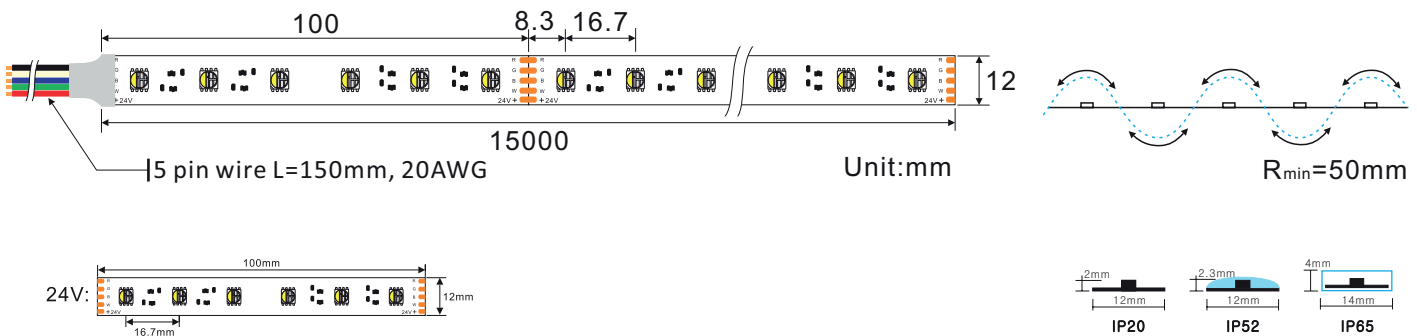
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DESCRIPTION

24V, super long flexible LED strip (6LED/step =100mm) with 3M adhesive tape on the back for easy installed.771.76lm/m at 11W/m. 120° beam angle. "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(3Oz) for good heat dissipation.



DIMENSIONS & WATERPROOF



PRODUCT SPECIFICATION

Dimension	15000x12x2mm	Voltage (V)	DC24V
Chip Type	5050SMD	Current (A/m)	0.45A
Chip Density	60 LEDs/m	Power (W/m)	11W (4 colors 100% on)
Step LEDs	6 LEDs	Beam Angle	120°
Step Length	100 mm	Operation Temperature	-20°C~50°C

PRODUCT PHOTOMETRICS- WHITE DIODES ONLY (DATA BASE ON IP20)

CCT (K)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)	CRI	R9
2700±100	303.56	2.7	112.43	74.29	2.96
3000±100	327.08	2.7	121.14	78.18	7.97
4000±200	332.86	2.7	123.28	79.96	19.92
6000±300	347.57	2.7	128.73	79.84	19.86



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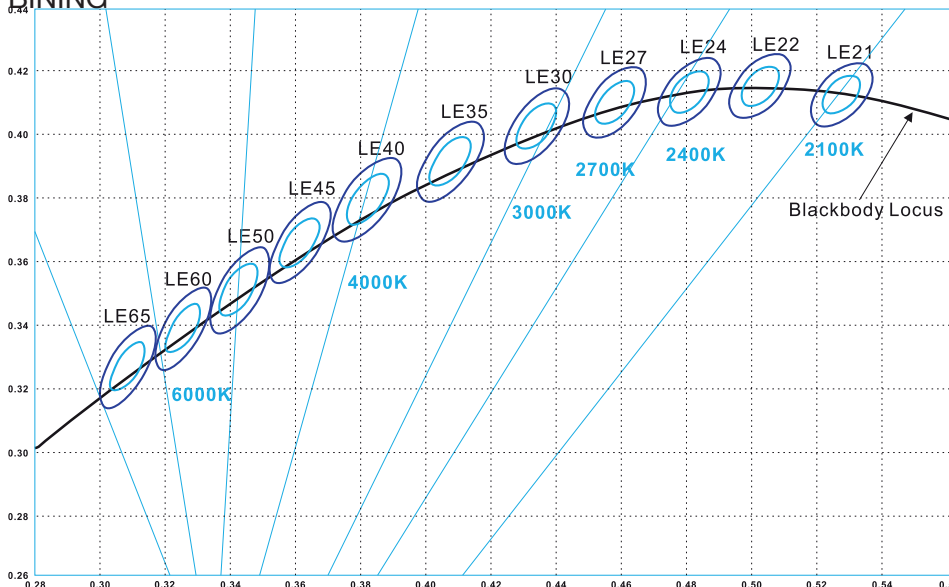
PRODUCT PHOTOMETRICS - RED, GREEN AND BLUE (DATA BASE ON IP20)

Color	Peak Wavelength (nm)	Dominant Wavelength (nm)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)
RED	630	622	98.91	2.69	36.77
GREEN	520	528	284.89	2.95	96.57
BLUE	466	470	81.35	2.52	32.28

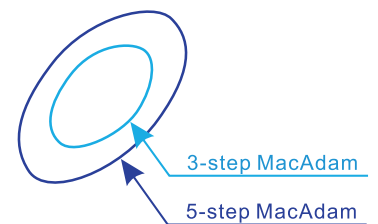
PRODUCT PHOTOMETRICS - ALL FOUR COLOR AT 100% ON (DATA BASE ON IP20)

CCT (K)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)	CRI	R9
RGB+2700	730.18	11	66.38	59.14	-
RGB+3000	758.34	11	68.94	56.87	-
RGB+4000	765.38	11	69.58	62.82	-
RGB+6000	771.76	11	70.16	70.76	-

BINNING



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.