LED STRIP SPECIFICATION

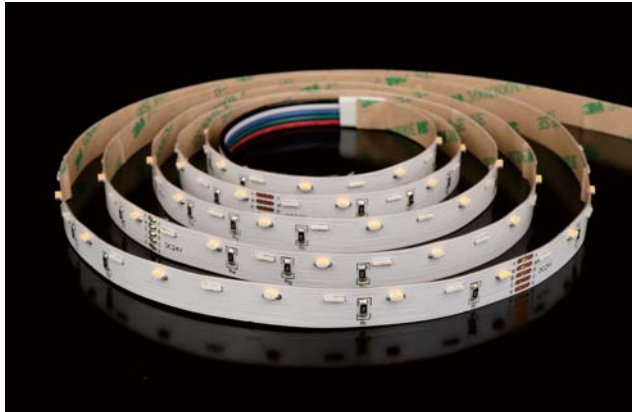(3014+020)SMD 72LEDs RGB+W SIDE EMITTING LED STRIP

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Part Number: MON72-ES3014RGBW27-W24-IP20 → IP20/IP65H/IP65/IP67/IP67E/IP68
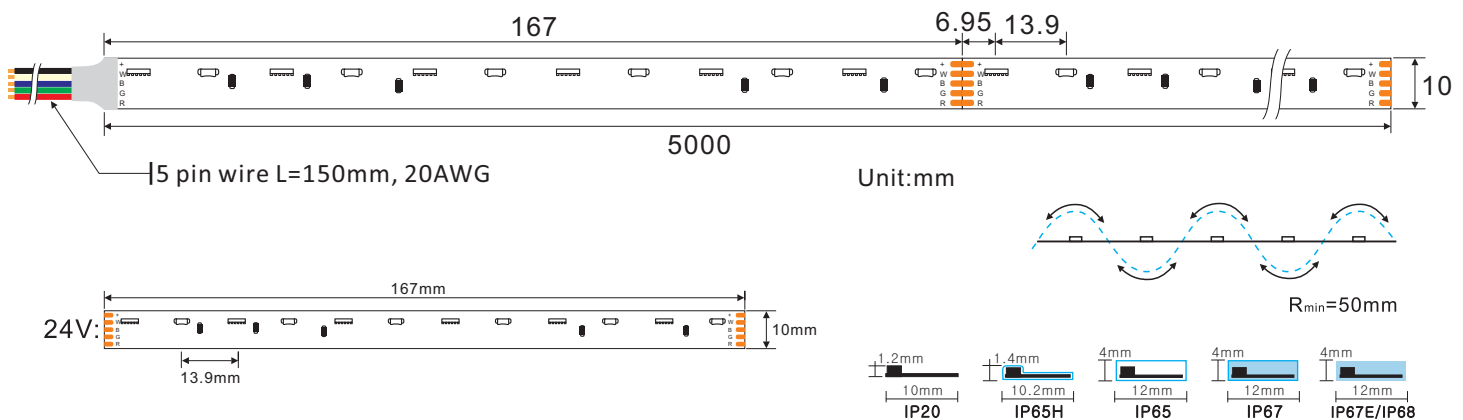
→ RGBW27/RGBW30/RGBW40/RGBW60

Description

DC24V, flexible LED strip (12LED/step =167mm) with 3M adhesive tape on the back for easy installed. 445.44lm/m at 9.6W/m. 120° beam angle. Very good color reproduction with CRI>80. "One Bin Only" within 3 MacAdam guarantees constant color temperature and high light quality at a lifetime of 54,000 hours (L_{70}).

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

ETL us   CE   RoHS   3~5 Y Warranty

Dimensions & Waterproof

167   6.95   13.9   10

5000

5 pin wire L=150mm, 20AWG

Unit:mm

24V: 167mm   13.9mm   10mm

$R_{min}=50mm$

1.2mm / 10mm — IP20
1.4mm / 10.2mm — IP65H
4mm / 12mm — IP65
4mm / 12mm — IP67
4mm / 12mm — IP67E/IP68

Product Specification

Dimension	5000x10x2mm	Voltage(V)	DC24V
Chip Type	3014SMD+020SMD	Current(A/m)	0.4A
Chip Density	72LEDs/m	Power(W/m)	9.6W(4 colors 100% on)
Step LEDs	12LEDs	Beam Angle	120°
Step Length	167mm	Operation Temperature	-20°C~50°C

Product Photometrics- White Diodes only (Data base on IP20)

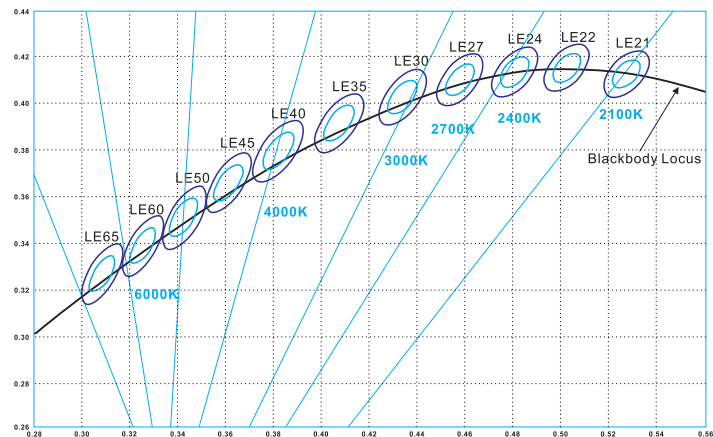| CCT (K)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)	CRI	R9
2700±100	202.32	2.4	84.30	76.98	4.87
3000±100	210.60	2.4	87.75	80.37	12.82
4000±200	228.77	2.4	95.32	81.84	21.90
6000±300	231.31	2.4	96.38	81.53	26.86

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	624	48.24	2.09	23.07
Green	516	521	139.05	2.50	55.62
Blue	462	468	36.21	2.46	14.71

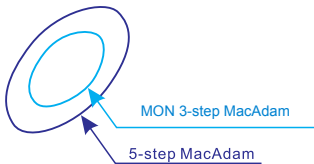## Product Photometrics - All Four color at 100% on (Data base on IP20)

CCT (K)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)	CRI	R9
RGB+2700	427.58	9.6	44.54	55.54	-
RGB+3000	431.33	9.6	44.93	57.77	-
RGB+4000	439.87	9.6	45.82	65.78	-
RGB+6000	445.44	9.6	46.40	70.81	-

Bining

Graphic Description:

MON 3-step MacAdam

5-step MacAdam

For all your order

ONE BIN ONLY

Today and tomorrow

IP20: bare, max. light output and the best color consistency, indoor use.
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)

| 5meters/reel | 1reel/bag | 60bags/carton | 26x28x68cm, 7.8kgs/carton |