

# 172W WHITE 5050 144leds 20mm



Note: LEDYI may change product specifications and installation guidance without prior notice.

# 5050SMD 144LEDs LED STRIP

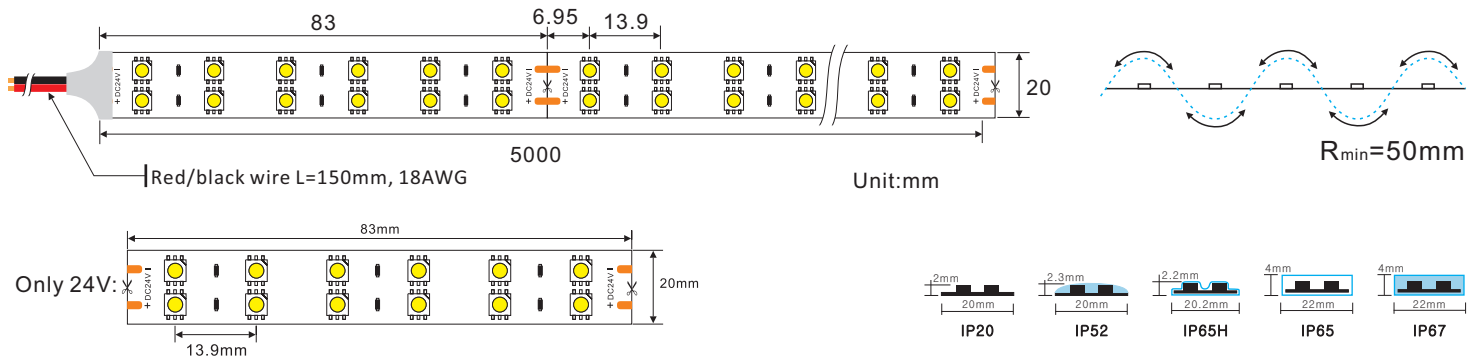


## Description

24V, flexible LED strip (12LED/step =83mm) with 3M adhesive tape on the back for easy installed.2551.56lm/m at 34.56W/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	5000x15x2mm
Chip Type	5050SMD
Chip Density	144LEDs/m
Step LEDs	12LEDs(24V)
Step Length	83mm(24V)

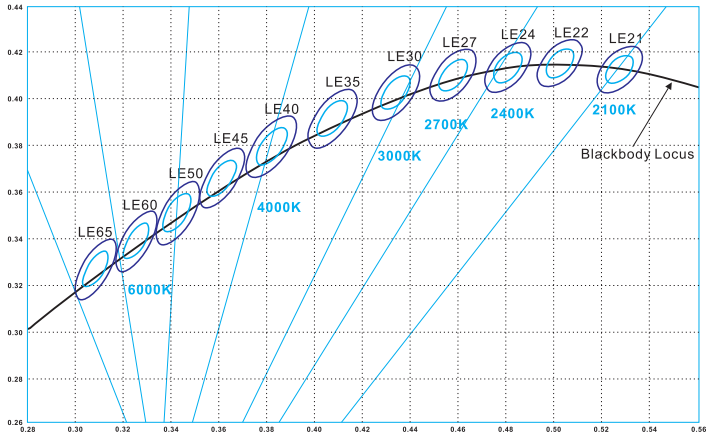
Voltage(V)	DC24V
Current(A/m)	7.2A
Power(W/m)	34.56W
Beam Angle	120°
Operation Temperature	-20°C~50°C

## Product Photometrics (Data base on IP20 CRI>90)

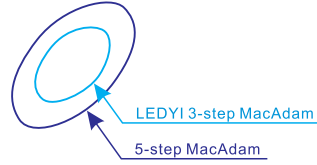
CCT (K)	Lumen (lm/m)	Efficacy (lm/w)	CRI	R9	TM-30-15	
					Rf (Fidelity)	Rg (Gamut)
2100±100	1869.00	54.08	90.01	80.17	90.57	100.92
2400±100	2046.99	59.23	90.09	80.24	90.21	99.99
2700±100	2229.81	64.52	93.29	81.47	91.75	101.08
3000±100	2377.38	68.79	94.28	83.09	92.46	101.99
4000±200	2495.92	72.22	94.97	84.66	94.46	102.48
6000±300	2551.56	73.83	91.28	82.03	91.19	100.91

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## Bining



Graphic Description:



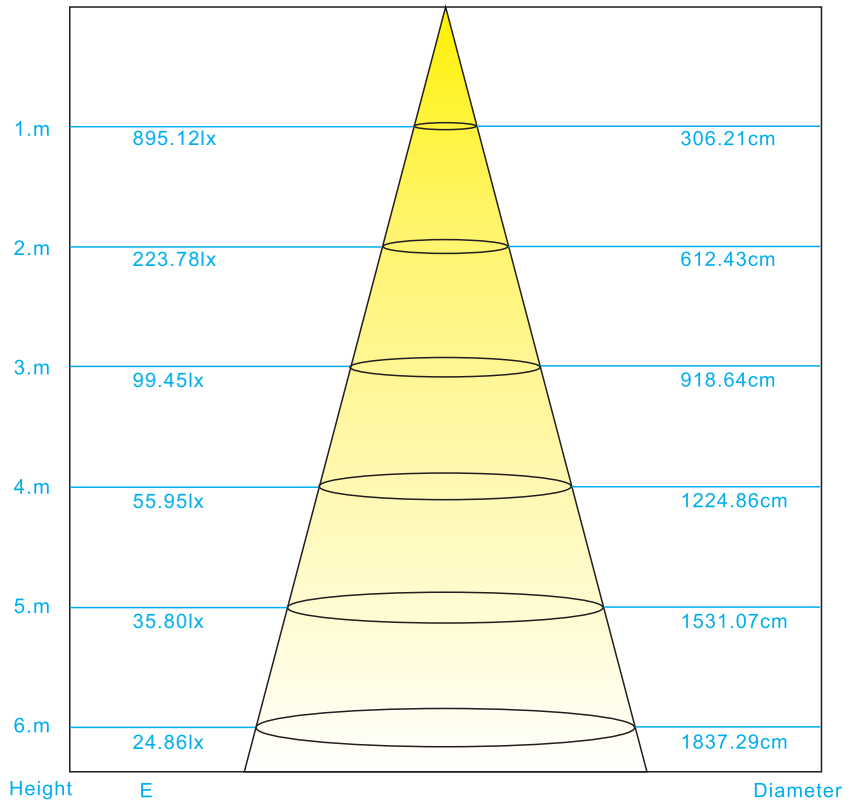
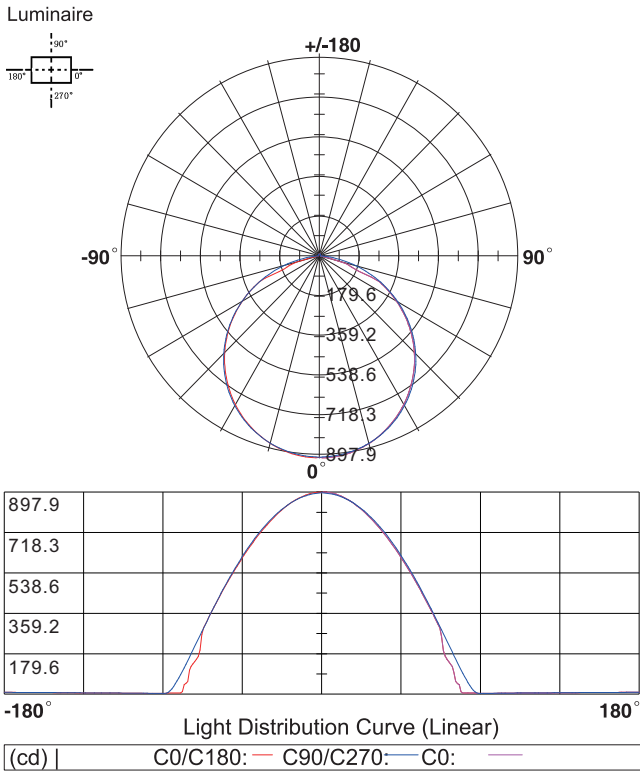
For all your order



Today and tomorrow

- 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.

## Light Distribution Curve [Data base on 1m IP20 6000K CRI>90, Unit:cd]



Beam Angle: 113.60°

## Packing Information (Data base on IP20)

