



LED STRIP SPECIFICATION

1808SMD 364LEDs TUNABLE WHITE LED STRIP



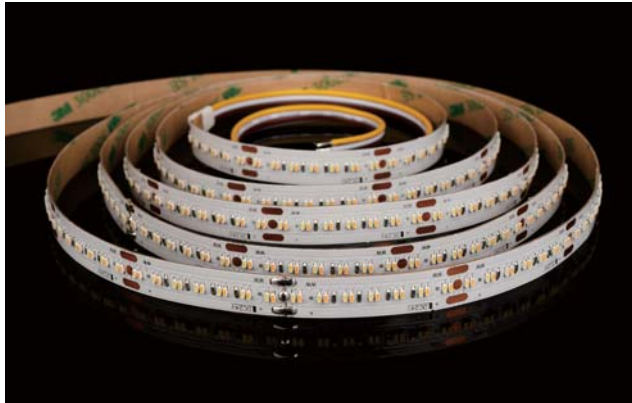
Note: LEDYI may change product specifications and installation guidance without prior notice.

1808SMD 364LEDs TUNABLE WHITE LED STRIP



Part Number: LY364-S1808TW2760-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68

→ TW2160/TW2460/TW2760/TW3060...

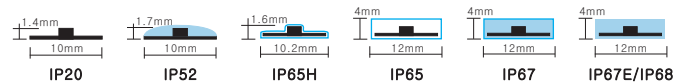
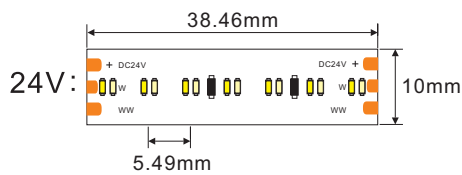
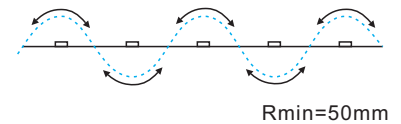
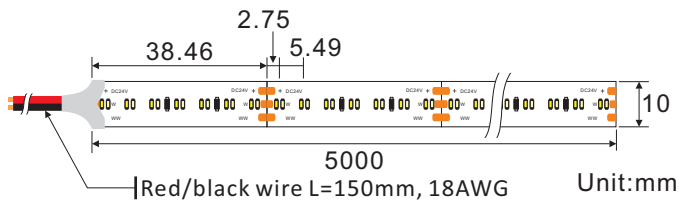


Description

24V, flexible LED strip (14LED/step =38.46mm) with 3M adhesive tape on the back for easy installed. 2116lm/m at 20W/m. 120° beam angle. Very good color reproduction with CRI>95. "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

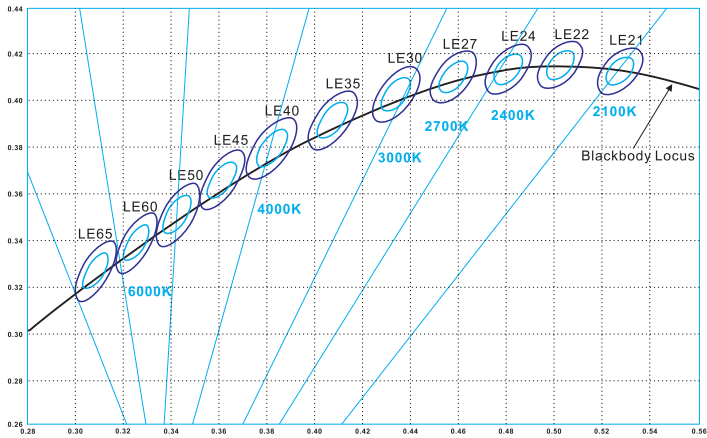
Dimension	5000x10x1.4mm
Chip Type	1808SMD
Chip Density	364LEDs/m
Step LEDs	14LEDs
Step Length	38.46mm

Voltage(V)	DC24V
Current(A/m)	0.84A
Power(W/m)	20W(2 colors 100% on)
Beam Angle	120°
Operation Temperature	-20°C~50°C

Product Photometrics (Data base on IP20 CRI>95)

CCT (K)	Lumen (lm/m)	Power (w/m)	Efficacy (lm/w)	CRI	R9	TM-30-15	
						Rf (Fidelity)	Rg (Gamut)
2700 only	1002	10	100.2	95.29	95.99	96.85	100.86
6000 only	1123	10	112.3	96.84	95.80	97.90	102.97
2700+6000 both	2116	20	105.8	95.80	94.86	94.95	105.85

Bining



Graphic Description:



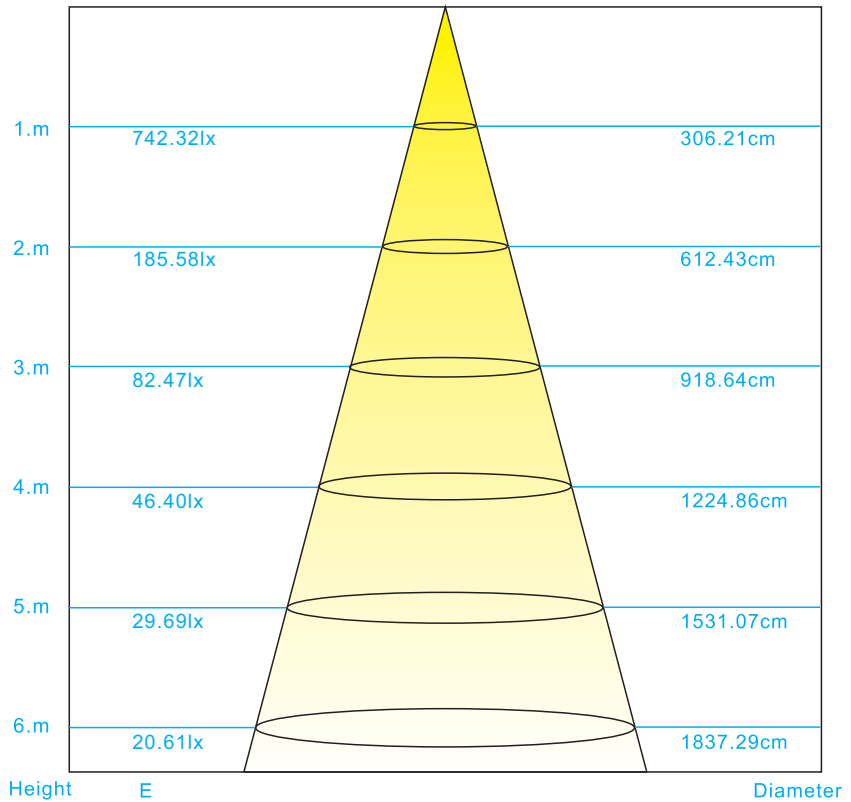
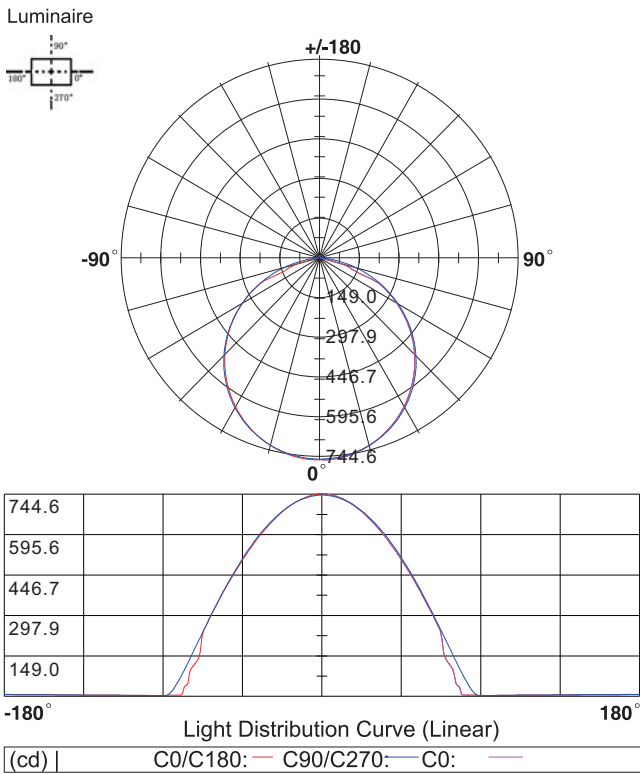
For all your order



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 / IP65H:** 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 2700K+6000K CRI>95, Unit: cd]



Packing Information (Data base on IP20)

