



LED STRIP SPECIFICATION

1808SMD 720LEDs 10mm PCB LED STRIP



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

1808SMD 720LEDs 10mm PCB LED STRIP



Part Number: LY720-S1808W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
 → W25/W27/W30/W35/W40/W50/W60



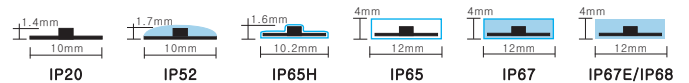
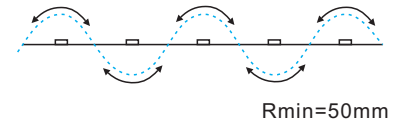
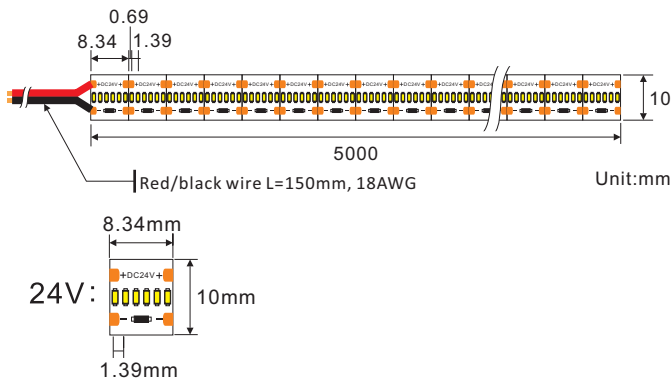
Description

24V, flexible LED strip (6LED/step = 8.34mm) with 3M adhesive tape on the back for easy installed. 1976lm/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

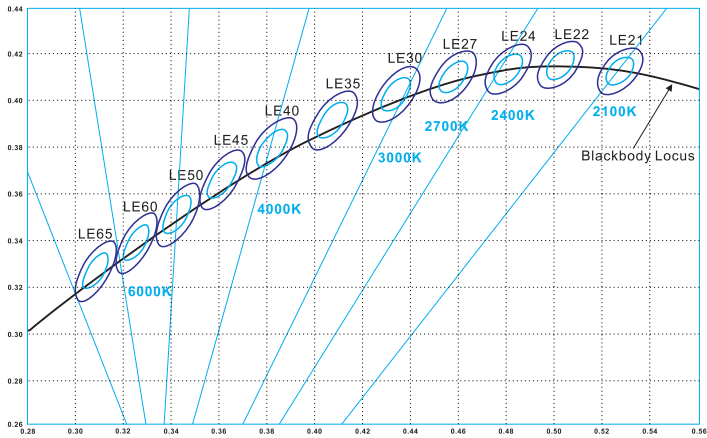
Dimension	5000x10x1.4mm
Chip Type	1808SMD
Chip Density	720LEDs/m
Step LEDs	6LEDs
Step Length	8.34mm

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

Product Photometrics (Data base on IP20 CRI>95)

CCT (K)	Lumen (lm/m)	Efficacy (lm/w)	CRI	R9	TM-30-15	
					Rf (Fidelity)	Rg (Gamut)
2500±100	1558	77.90	95.1	93.9	95.9	99.3
2700±100	1628	81.38	95.3	93.4	96.4	99.4
3000±100	1697	84.86	96.9	94.9	95.7	103.1
3500±150	1767	88.34	96.2	95.7	96.2	102.2
4000±200	1836	91.82	96.5	95.3	96.9	102.1
5000+500	1906	95.30	95.7	96.5	94.8	101.9
6000+500	1976	98.78	95.5	96.5	95.3	101.2

Bining



Graphic Description:



For all your order

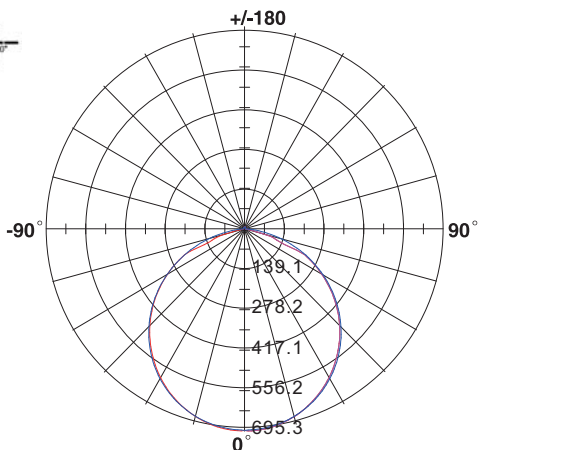


Today and tomorrow

- 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.
- 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 6000K CRI>95, Unit:cd]

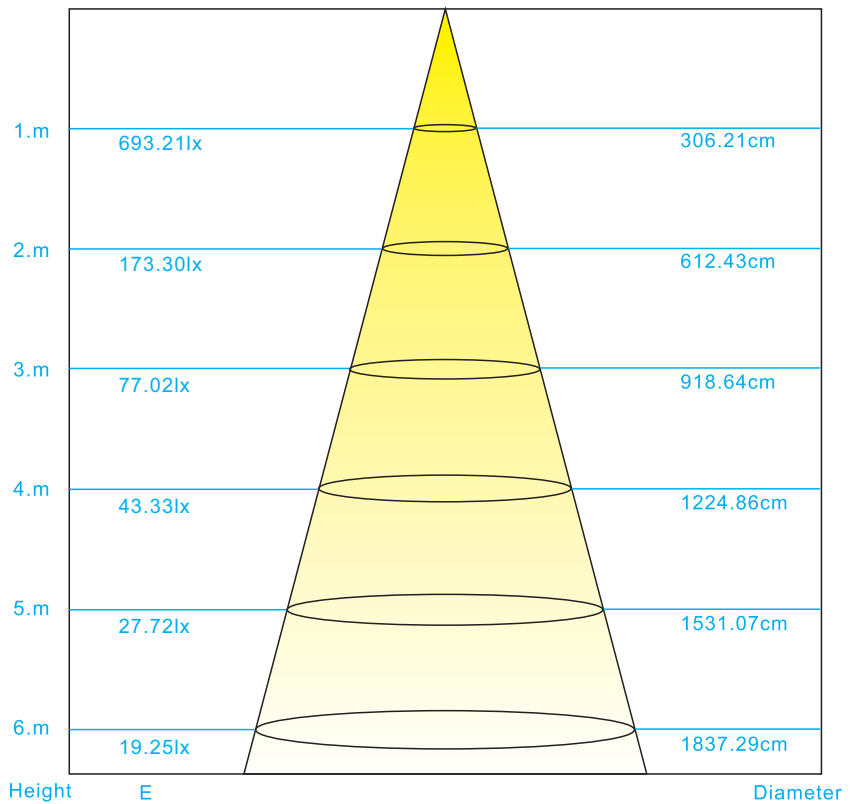
Luminaire



695.3	
556.2	
417.1	
278.2	
139.1	

Light Distribution Curve (Linear)

(cd) | C0/C180: — C90/C270: — C0: —



Beam Angle: 116.50°

Packing Information (Data base on IP20)

