LEDYI

LED STRIP SPECIFICATION

5630SMD 120LEDsSINGLE LINE LED STRIP

ETL
INTERTEK
C LISTED US
5000906

SGS

TÜV Rheinland®

5630SMD 120LEDs SINGLE LINE STRIP

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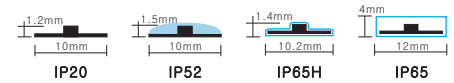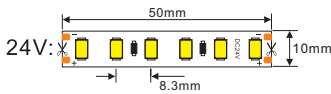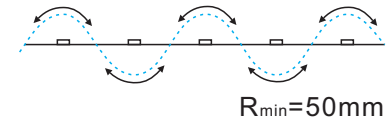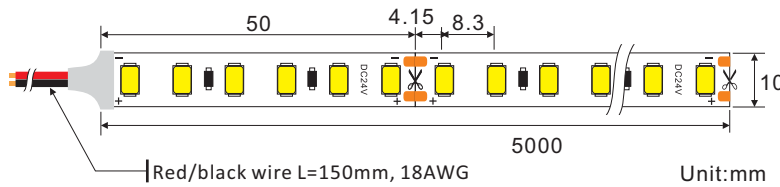**Part Number:** LY120-SS5630W30-W24-IP20 → IP20/IP52/IP65H/IP65

↓ W27/W30/W40/W60

Description

24V, flexible LED strip (6LED/step =50mm) with 3M adhesive tape on the back for easy installed.2395.20lm/m at 24W/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_{70}).Double-layer FPC(2Oz) for good heat dissipation.

cETLus CE RoHS 3~5 Y Warranty

Dimensions & Waterproof

50   4.15   8.3   10

5000

Red/black wire L=150mm, 18AWG   Unit:mm

24V: 50mm   10mm   8.3mm

R_{min}=50mm

IP20 (1.2mm, 10mm)   IP52 (1.5mm, 10mm)   IP65H (1.4mm, 10.2mm)   IP65 (4mm, 12mm)

Product Specification

Dimension	5000x10x1.2mm		Voltage(V)	DC24V
Chip Type	5630SMD		Current(A/m)	1A
Chip Density	120LEDs/m		Power(W/m)	24W
Step LEDs	6LEDs		Beam Angle	120°
Step Length	50mm		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)
2700±100	1979.76	82.49	93.93	68.89	91.93	100.91
3000±100	2275.44	94.81	89.92	60.91	90.97	98.86
4000±200	2399.52	99.98	89.88	67.96	89.86	98.98
6000±300	2395.20	99.80	88.84	58.81	89.00	96.95

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Bining

Graphic Description:

LEDYI 3-step MacAdam
5-step MacAdam

For all your order
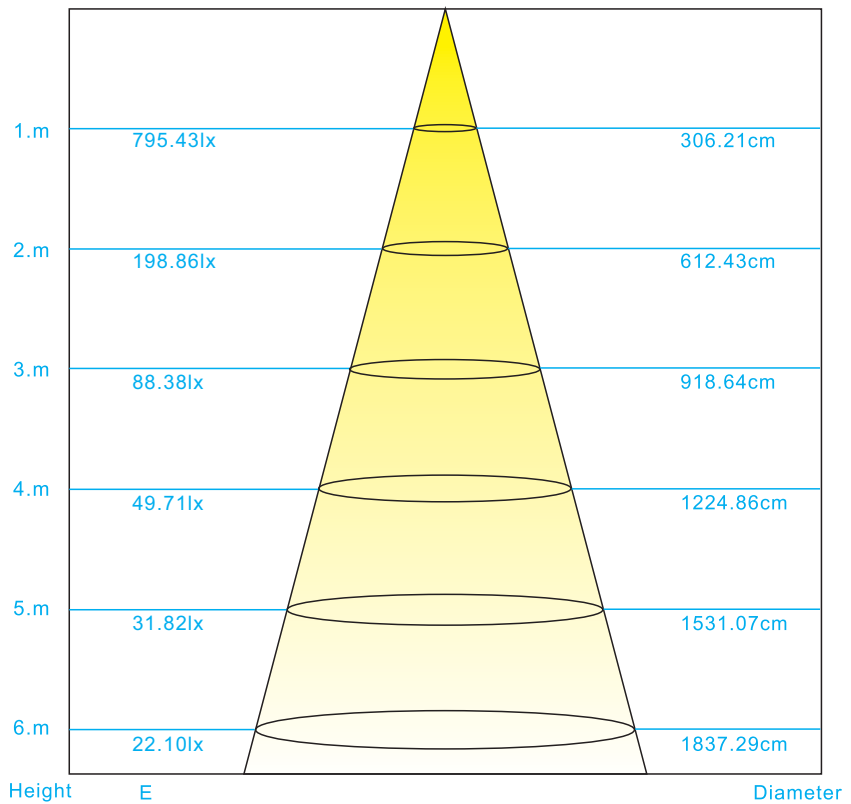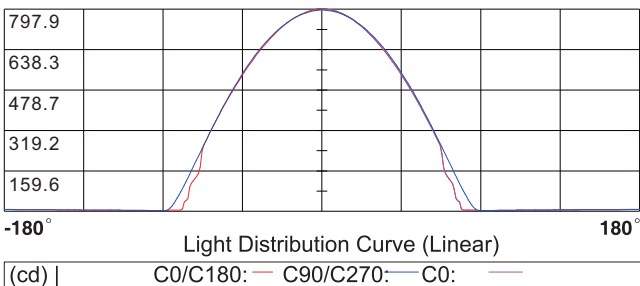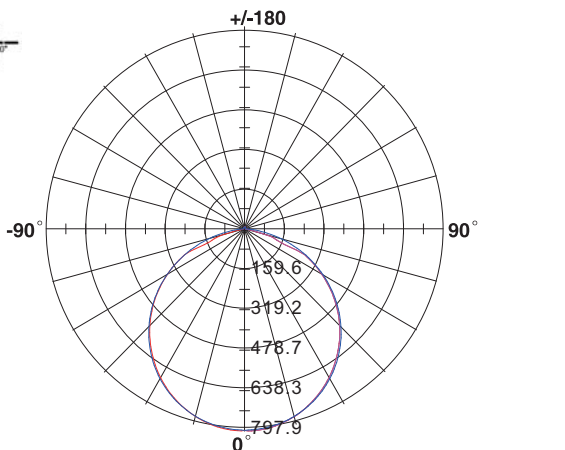
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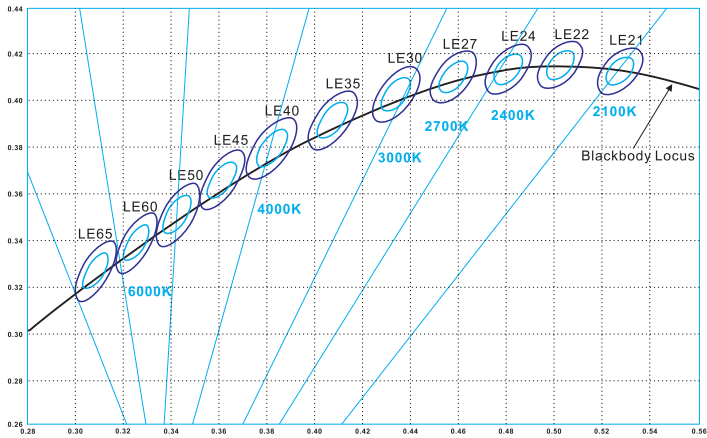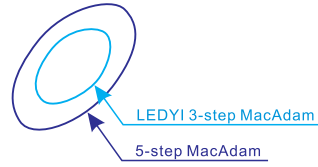
Today and tomorrow

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.

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

Luminaire

+/-180

-90°   90°

159.6
319.2
478.7
638.3
797.9

0°

(cd)			
797.9			
638.3			
478.7			
319.2			
159.6			

-180° Light Distribution Curve (Linear) **180°**

(cd) | C0/C180: — C90/C270: — C0: —

Height		Diameter
1.m	795.43lx	306.21cm
2.m	198.86lx	612.43cm
3.m	88.38lx	918.64cm
4.m	49.71lx	1224.86cm
5.m	31.82lx	1531.07cm
6.m	22.10lx	1837.29cm

E

Beam Angle:113.40°

Packing Information(Data base on IP20)

LED Strip   Anti-static bag

5meters/reel   1reel/bag   60bags/carton   26x28x68cm, 8.3kgs/carton