

LED STRIP SPECIFICATION

FULL SPECTRUM 2835SMD 120LEDs LED STRIP



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Part Num: LCE120-S2835W30-W24-IP20 → IP20/IP52/IP65H/IP65/IP67/IP67E/IP68
→ W12/W24
→ W21/W24/W27/W30/W40/W60



Description

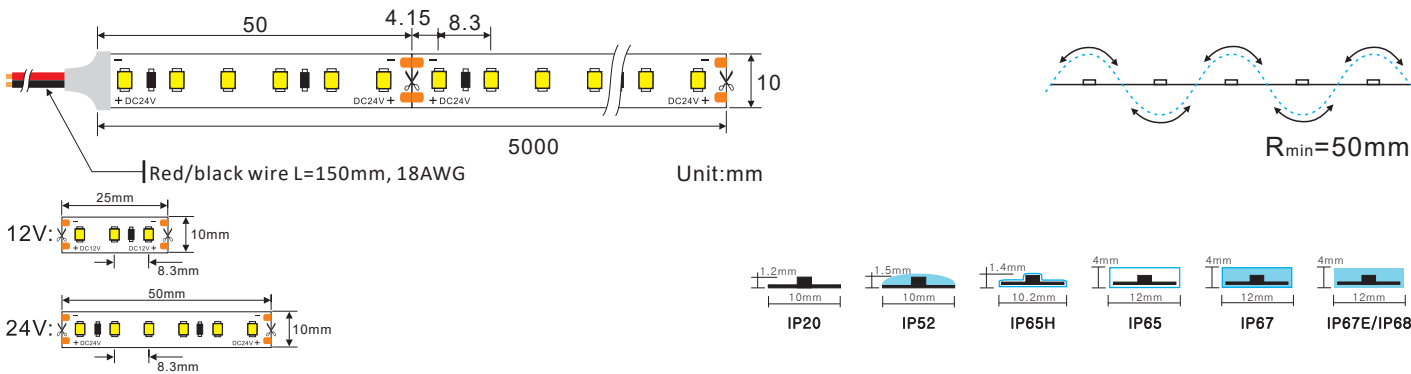
12V or 24V, flexible LED strip (3LED/step =25mm(12V)/6LED/step = 50mm(24V)) with 3M adhesive tape on the back for easy installed.

2066.64lm/m at 24W/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	5000x10x1.2mm	Voltage(V)	DC12V/DC24V
Chip Type	2835SMD	Current(A/m)	2A(12V)/1A(24V)
Chip Density	120LEDs/m	Power(W/m)	24W
Step LEDs	3LEDs(12V)/6LEDs(24V)	Beam Angle	120°
Step Length	25mm(12V)/50mm(24V)	Operation Temperature	-20°C~50°C

Product Photometrics (Data base on IP20)

CCT (K)	Lumen (lm/m)	Efficacy (lm/w)	CRI	R9	TM-30-15	
					Rf (Fidelity)	Rg (Gamut)
2700±100	1887.12	78.63	96.6	91	92.91	102.81
3000±100	1982.16	82.59	97.1	91	95.89	101.97
4000±200	2015.52	83.98	96.4	94	94.76	102.82
5000±300	2034.24	84.76	96.2	92	92.98	101.83
6000±300	2066.64	86.11	96.1	91	92.82	101.94

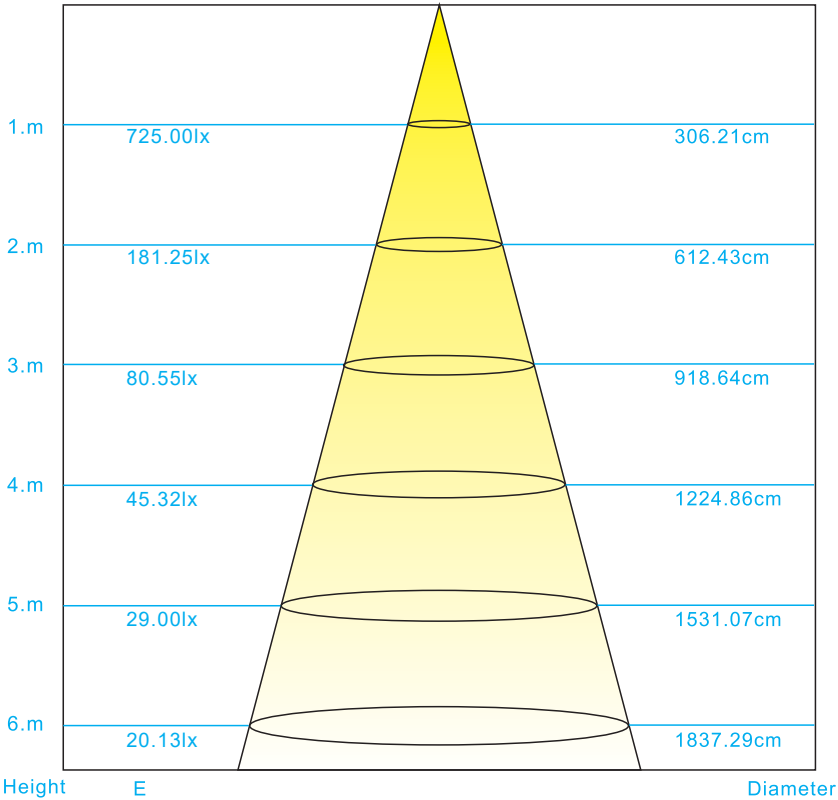
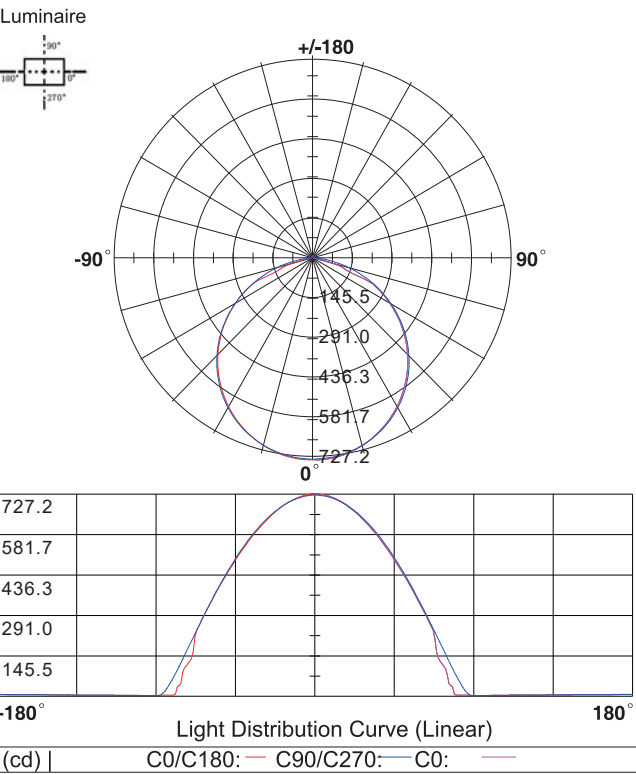
Light Color Parameter (Data base on IP20)

CRI:Ra=97.2 CRI=96.7 Avgr=96.9
Ra>97(R1~R8, all>95), CRI>95(R1~R15, all>90)

<div></div> R1	99	<div></div> R6	98	<div></div> R11	92
<div></div> R2	99	<div></div> R7	96	<div></div> R12	98
<div></div> R3	96	<div></div> R8	96	<div></div> R13	99
<div></div> R4	95	<div></div> R9	92	<div></div> R14	97
<div></div> R5	98	<div></div> R10	98	<div></div> R15	99

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 [Unit:cd] (Data base on IP20, 6000K)



Packing Information (Data base on IP20)

