

LUMIWISE®

LED STRIP SPECIFICATION

Flexi Range LED Strip light



Part Number: B12024V0830K02N10WYT

8MM

IP20/IP54/IP65/IP65H/IP67

12V/24VDC

01-CRI RA80,02-CRI RA>90

10W/15W

27K/30K/40K/65K



Description

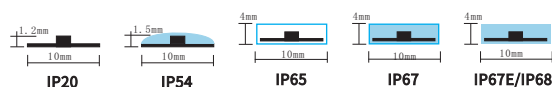
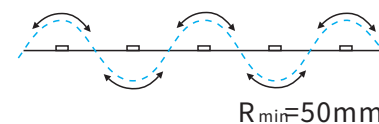
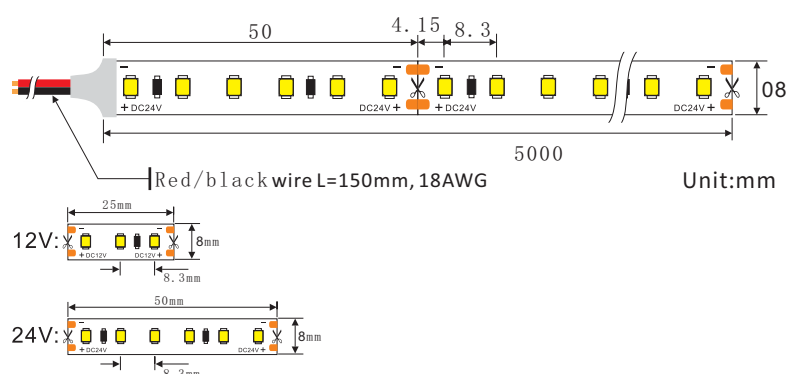
12V or 24V, flexible LED strip (3LED/step=25mm(12V)/6LED/step=50mm(24V)) with 3M adhesive tape on the back for easy installed.

940.80lm/m at 9.6W/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 (L70). Double-layer FPC(20z) for good heat dissipation.



Dimensions & Waterproof



Product Specification

Dimension	5000x08x1.2mm
Chip Type	2835SMD
Chip Density	120LEDs/m
Step LEDs	3LEDs(12V)/6LEDs(24V)
Step Length	25mm(12V)/50mm(24V)

Voltage(V)	DC12V/DC24V
Current(A/m)	2A(12V)/1A(24V)
Power(W/m)	9.6W
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)
2200±100	657.9	70.47	92.9	62	90.93	101.95
2400±100	747.26	77.84	91.47	76.83	90.81	101.82
2700±100	854.52	88.98	91.33	78.86	92.80	100.81
3000±100	890.72	92.78	92.65	84.93	90.80	103.96
4000±200	940.12	97.88	95.64	85.95	90.95	100.00
6000±300	925.80	96.45	93.37	18.52	91.96	101.89

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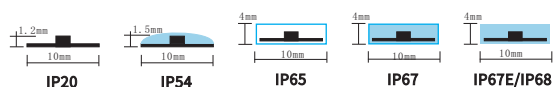
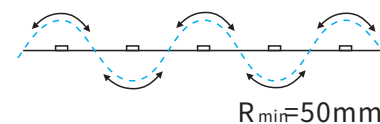
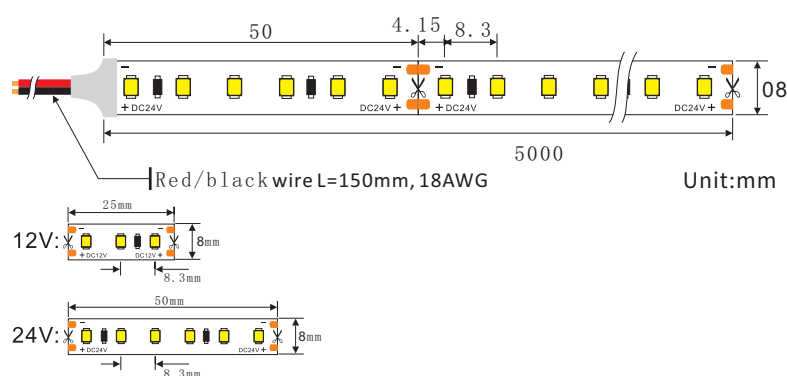


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Chip Density	120LEDs/m
Step LEDs	3LEDs(12V)/6LEDs(24V)
Step Length	25mm(12V)/50mm(24V)

Voltage(V)	DC12V/DC24V
Current(A/m)	2A(12V)/1A(24V)
Power(W/m)	5W
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)
2200±100	352.35	70.47	92.9	62	90.93	101.95
2400±100	389.2	77.84	91.47	76.83	90.81	101.82
2700±100	444.9	88.98	91.33	78.86	92.80	100.81
3000±100	463.9	92.78	92.65	84.93	90.80	103.96
4000±200	489.4	97.88	95.64	85.95	90.95	100.00
6000±300	482.25	96.45	93.37	18.52	91.96	101.89

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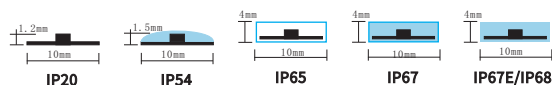
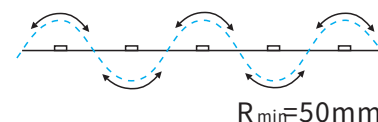
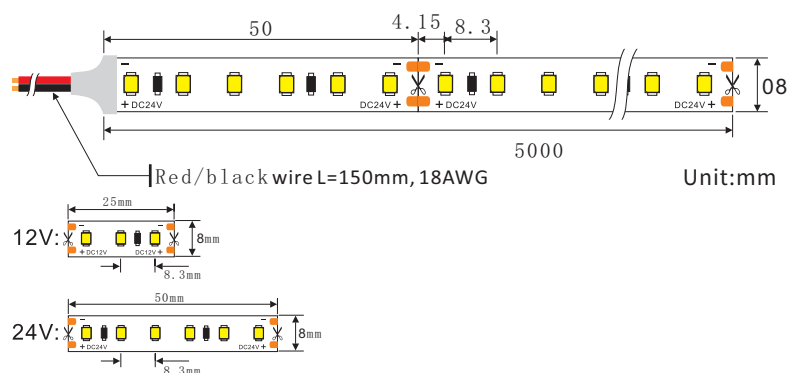
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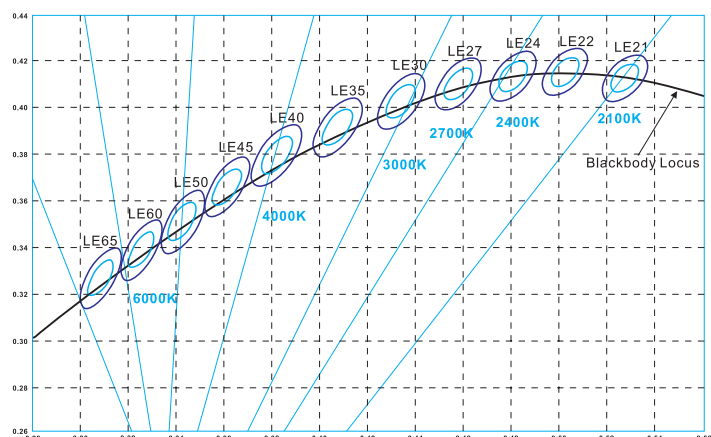
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Chip Density	120LEDs/m
Step LEDs	3LEDs(12V)/6LEDs(24V)
Step Length	25mm(12V)/50mm(24V)

Voltage(V)	DC12V/DC24V
Current(A/m)	2A(12V)/1A(24V)
Power(W/m)	15W
Beam Angle	120°
Operation Temperature	-20°C~50°C

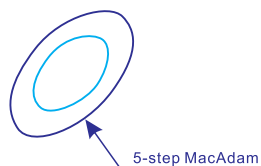
Product Photometrics (Data base on IP20 CRI>90)

CCT (K)	Lumen (lm/m)	Efficacy (lm/w)	CRI	R9	TM-30-15	
					R _f (Fidelity)	R _g (Gamut)
2200±100	1056.75	70.45	92.9	62	90.93	101.95
2400±100	1167.6	77.84	91.47	76.83	90.81	101.82
2700±100	1334.25	88.95	91.33	78.86	92.80	100.81
3000±100	1310.5	93.34	92.65	84.93	90.80	103.96
4000±200	1467.75	97.85	95.64	85.95	90.95	100.00
6000±300	1445.25	96.35	93.37	18.52	91.96	101.89

Bining



Graphic Description:



For all your order

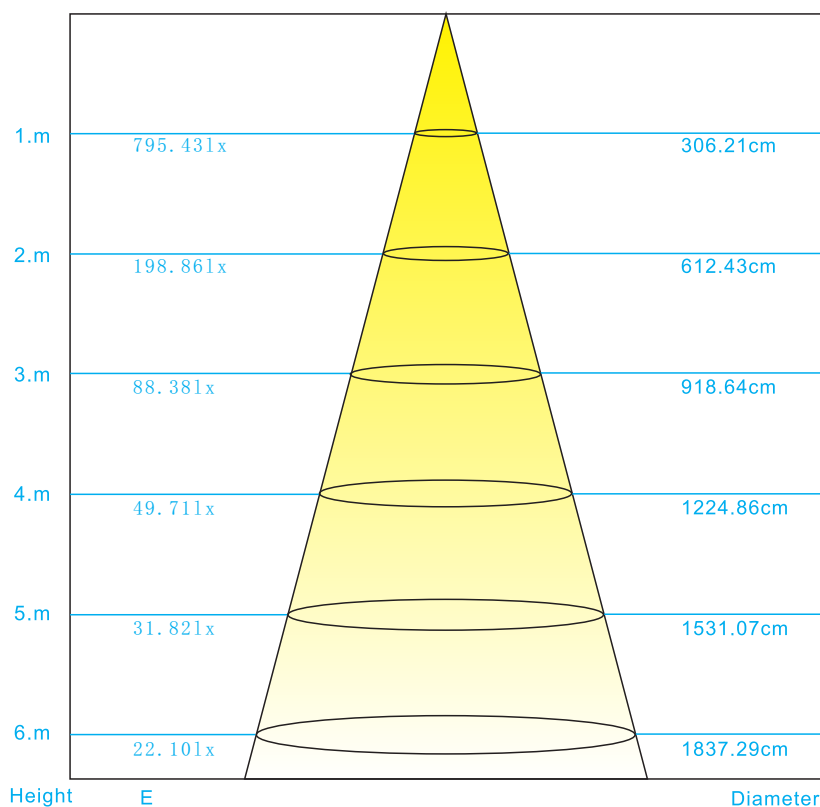
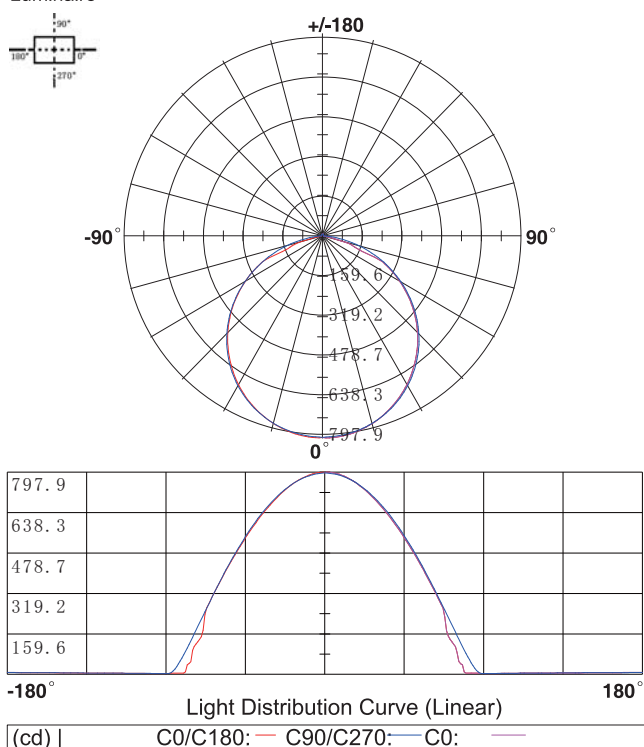
**ONE
BIN
ONLY**

Today and tomorrow

IP20: bare, max. light output and the best color consistency, indoor use.
 IP54: 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>90, Unit:cd]

Luminaire



Packing Information (Data base on IP20)

