

LUMIWISE®

LED STRIP SPECIFICATION

High efficiency Range LED Strip light 140



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

Part Number: B14024V0830K02N10WYT

8MM/10mm

IP20/IP54/IP65/IP65H/IP67

12V/24VDC

01-CRI RA80,02-CRI RA>90

10W/15W

27K/30K/40K/65K



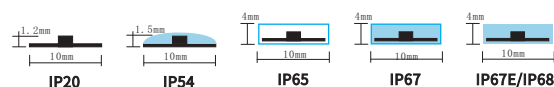
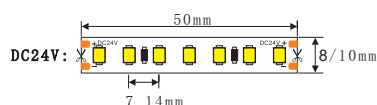
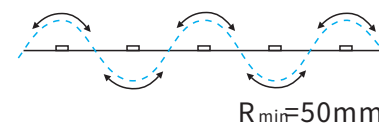
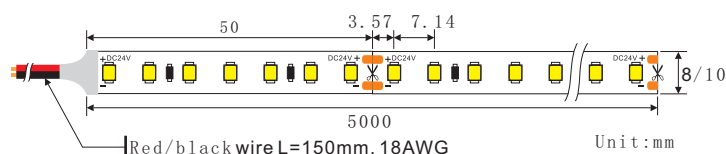
Description

24V, flexible LED strip 7LEDs/step=50mm with 3M adhesive tape on the back for easy installed. 2227. 21lm/m at 19. 2W/m (max) 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(2Oz) for good heat dissipation.



Dimensions & Waterproof



Product Specification

Dimension	5000x08x1.2mm
Chip Type	2835SMD
Chip Density	140LEDs/m
Step LEDs	7LEDs(24V)
Step Length	50mm(24V)

Voltage(V)	DC24V
Current(A/m)	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	784.03	81.67	91.51	69.99	90.93	101.95
2400 100	864.4	90.00	90.03	76.83	90.81	101.82
2700 100	912.3	95.00	91.18	78.86	92.80	100.81
3000 100	936	97.50	91.06	84.93	90.80	103.96
4000 200	1063.97	110.83	94.15	85.95	90.95	100.00
6000 300	1120.12	116.68	92.14	98.82	91.96	101.89

Part Number: B14024V0830K02N10WYT

8MM/10mm
IP20/IP54/IP65/IP65H/IP67
12V/24VDC
01-CRI RA80,02-CRI RA>90
10W/15W
27K/30K/40K/65K



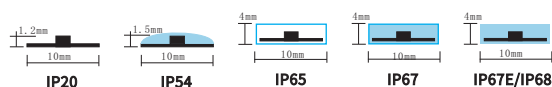
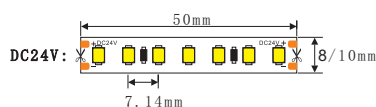
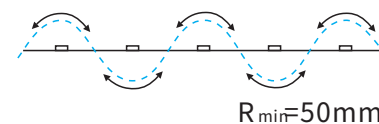
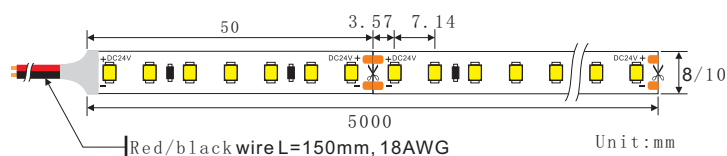
Description

24V, flexible LED strip 7LEDs/step=50mm with 3M adhesive tape on the back for easy installed. 2227 lm/m at 19. 2W/m (max) 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(2Oz) for good heat dissipation.



Dimensions & Waterproof



Product Specification

Dimension	5000x08x1.2mm
Chip Type	2835SMD
Chip Density	140LEDs/m
Step LEDs	7LEDs(24V)
Step Length	50mm(24V)

Voltage(V)	DC24V
Current(A/m)	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	408.03	81.67	91.51	69.99	90.93	101.95
2400 100	450.4	90.00	90.03	76.83	90.81	101.82
2700 100	475.3	95.00	91.18	78.86	92.80	100.81
3000 100	487.5	97.50	91.06	84.93	90.80	103.96
4000 200	554.15	110.83	94.15	85.95	90.95	100.00
6000 300	583.40	116.68	92.14	98.82	91.96	101.89

Part Number: **B14024V0830K02N10WYT**

8MM/10mm
IP20/IP54/IP65/IP65H/IP67
12V/24VDC
01-CRI RA80,02-CRI RA>90
10W/15W
27K/30K/40K/65K



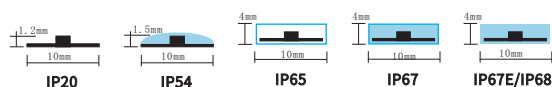
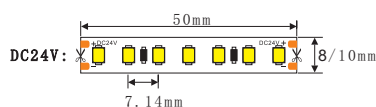
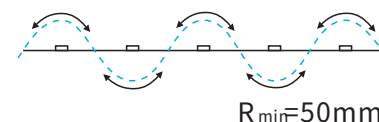
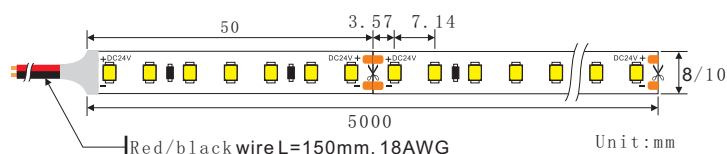
Description

24V, flexible LED strip 7LEDs/step=50mm with 3M adhesive tape on the back for easy installed. 2227lm/m at 19.2W/m (max) 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(2Oz) for good heat dissipation.



Dimensions & Waterproof



Product Specification

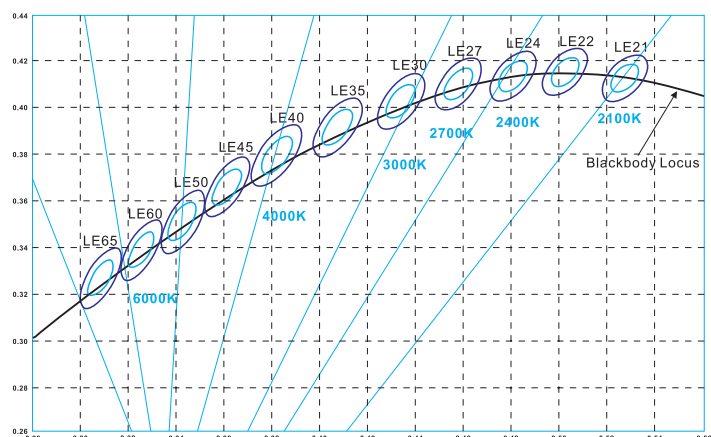
Dimension	5000x08x1.2mm
Chip Type	2835SMD
Chip Density	140LEDs/m
Step LEDs	7LEDs(24V)
Step Length	50mm(24V)

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

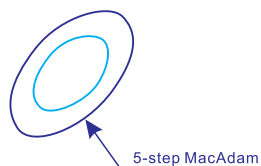
Product Photometrics (Data base on IP20 CRI>90)

CCT (K)	Lumen (lm/m)	Efficacy (lm/w)	CRI	R9	TM-30-15	
					Rf (Fidelity)	Rg (Gamut)
2200 100	1225.05	81.67	91.51	69.99	90.93	101.95
2400 100	1350	90.00	90.03	76.83	90.81	101.82
2700 100	1425	95.00	91.18	78.86	92.80	100.81
3000 100	1462.50	97.50	91.06	84.93	90.80	103.96
4000 200	1662.45	110.83	94.15	85.95	90.95	100.00
6000 300	1750.20	116.68	92.14	98.82	91.96	101.89

Bining



Graphic Description:



For all your order

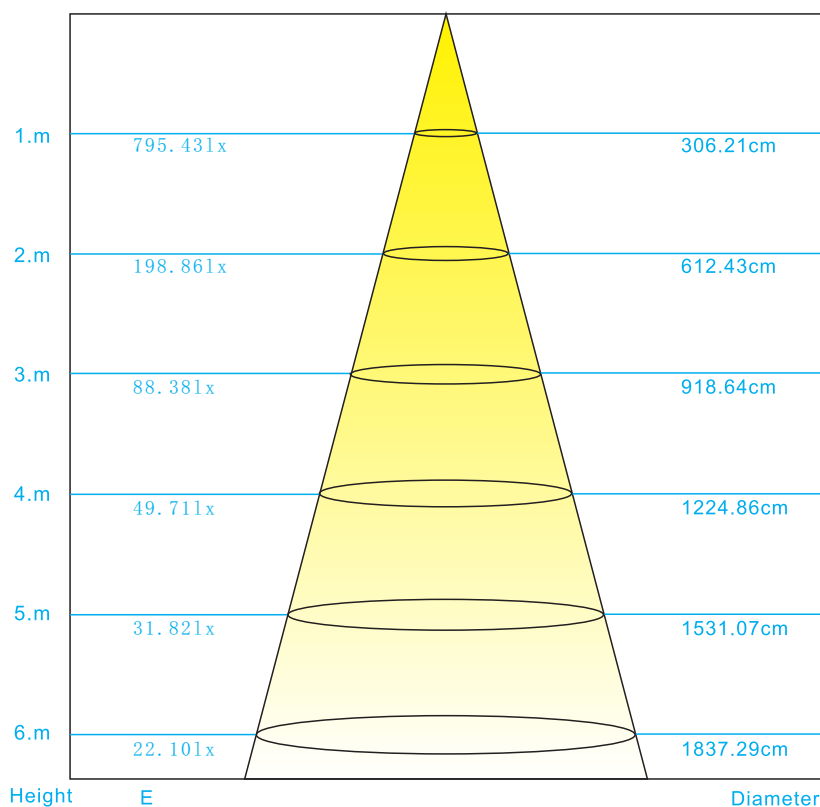
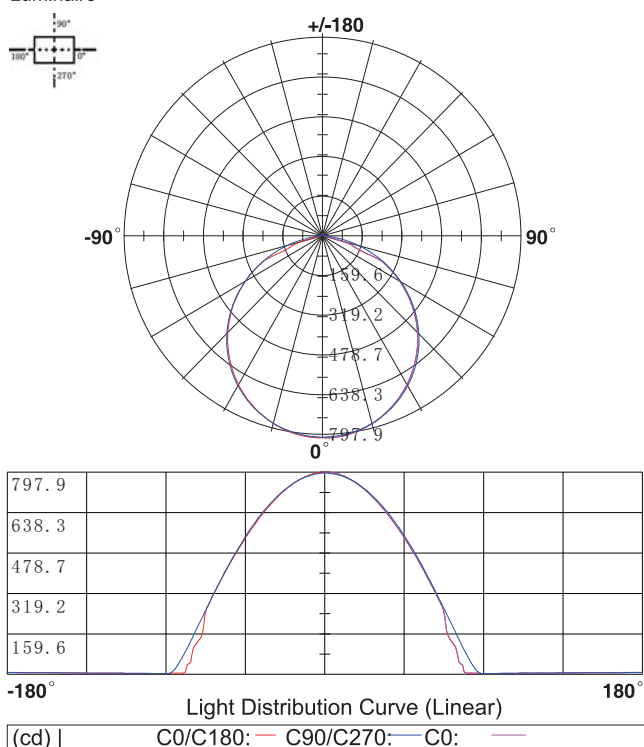
**ONE
BIN
ONLY**

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)

