

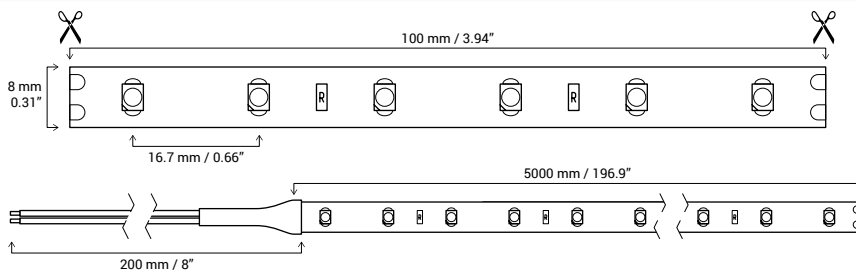
B3528-24V-60-8mm-4.8W-XXK-IPYY

Specification Sheet



PHYSICAL

Product Type	Flexible LED Strip		
SMD Type	3528		
Strip Width	5/16 in	8 mm	
Strip Total Length (Roll)	16.4 ft	5 m	
LED Linear Density	18.3 LED/ft	60 LED/m	300 LED/roll total
Can be cut at every	3.94 in	100 mm	6 LED
Lifespan	50 000 Hrs		



ELECTRICAL

Input Type	DC, Constant Voltage		
Input Voltage	24V DC		
Rated Power (Max.)	1.5 W/ft	4.8 W/m	24 W/roll total

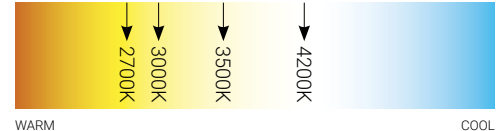


Electrical Input

Rated Power (Max.)

CONSTANT VOLTAGE	24V DC	24 W/roll
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Correlated Color Temperature (CCT)



PRODUCT RANGE

Part Number	Code	IP	CCT*	Luminous Flux			Luminous Efficacy	CRI**	R9	duv***
B3528-24V-60-8mm-4.8W-2700K-IP22	LM28096-95	IP22	2700K	-	-	-	-	-	-	-
B3528-24V-60-8mm-4.8W-2700K-IP68		IP68	(Soft White)							
B3528-24V-60-8mm-4.8W-3000K-IP22	LM28095-01	IP22	3000K	109.8 lm/ft	360.4 lm/m	1802 lm/roll	82.1 lm/W	92.6	64	0.0001
B3528-24V-60-8mm-4.8W-3000K-IP68	LM28096-24	IP68	(Warm White)							
B3528-24V-60-8mm-4.8W-3500K-IP22	LM28061-24	IP22	3500K	106.9 lm/ft	350.7 lm/m	1753 lm/roll	77.8 lm/W	93.2	87	0.0021
B3528-24V-60-8mm-4.8W-3500K-IP68	LM28063-24	IP68	(Bright White)							
B3528-24V-60-8mm-4.8W-4200K-IP22	LM28071-24	IP22	4200K	119.6 lm/ft	392.5 lm/m	1963 lm/roll	80.1 lm/W	94.4	84	0.0011
B3528-24V-60-8mm-4.8W-4200K-IP68	LM28072-24	IP68	(Neutral White)							

Other CCT available upon request. Please contact your authorized representative.

CCT* - Correlated Color Temperature
 CRI** - Colour Rendering Index
 duv*** - Black-body Curve Deviation

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B3528-24V-60-8mm-4.8W-2700K-IP22/IP68
Test Data for 1 Meter LED Strip Length



Coming Soon

B3528-24V-60-8mm-4.8W-3000K-IP22/IP68

Test Data for 1 Meter LED Strip Length



Chroma Parameters

Chromaticity Coordinates: $x=0.4261, y=0.4004, u=0.2452, v=0.3455, duv=0.0001$
 Correlated Color Temperature: 3067K
 Dominant Wave.: 582.1nm
 Purity: 48.1%
 Flux RGB Ratio: R=23.1%, G=75.1%, B=1.8%
 Peak Wave: 626.6nm
 Half Width: 171.3nm

Rendering Index: Ra=92.6

R1=92 R2=95 R3=96 R4=93 R5=92 R6=92 R7=94 R8=85
 R9=64 R10=87 R11=93 R12=76 R13=93 R14=97 R15=90

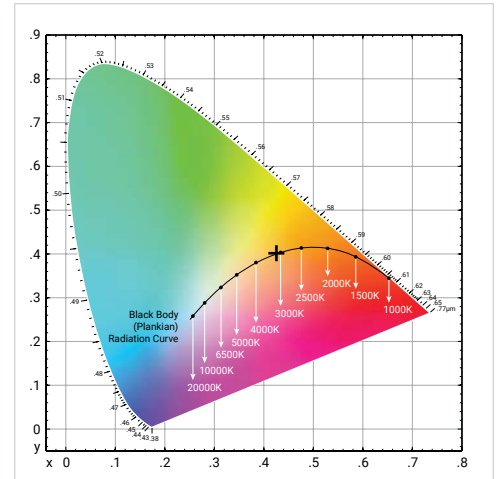
Photo Parameters

Luminous Flux: 360.4 lm
 Luminous Efficacy: 82.1 lm/W
 Radiant Flux: 1165.14 mW
 Iv: 0.0 mcd

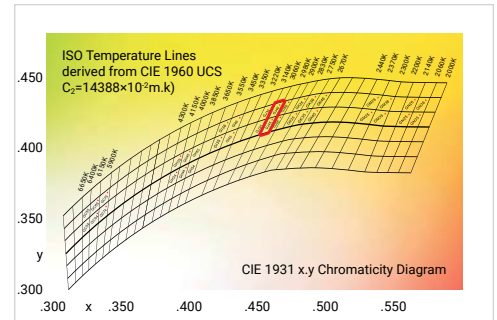
Electrical Parameters

Voltage: U=24.000V
 Current: I=0.18A
 Power: P=4.4W
 Power Factor: PF=1.000

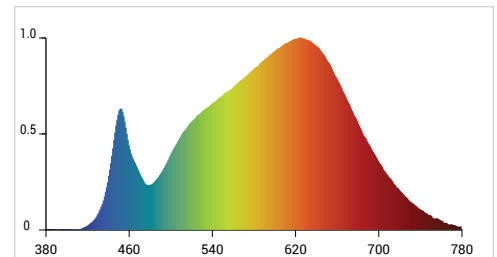
C.I.E. 1931 Chromaticity Diagram



Binning: GJ45-46 (3060-3140K)



Spectral Ratio: R=49.1, %G=39.6%, B=11.3%



B3528-24V-60-8mm-4.8W-3500K-IP22/IP68

Test Data for 1 Meter LED Strip Length



Chroma Parameters

Chromaticity Coordinates: $x=0.3984, y=0.3918, u=0.2308, v=0.3405, duv=0.0021$
 Correlated Color Temperature: 3633K
 Dominant Wave.: 579.4nm
 Purity: 37.2%
 Flux RGB Ratio: R=19.6%, G=78.1%, B=2.3%
 Peak Wave: 600.6nm
 Half Width: 150.1nm

Rendering Index: Ra= 93.2

R1=95 R2=94 R3=93 R4=95 R5=94 R6=91 R7=97 R8=97
 R9=87 R10=87 R11=96 R12=73 R13=96 R14=95 R15=97

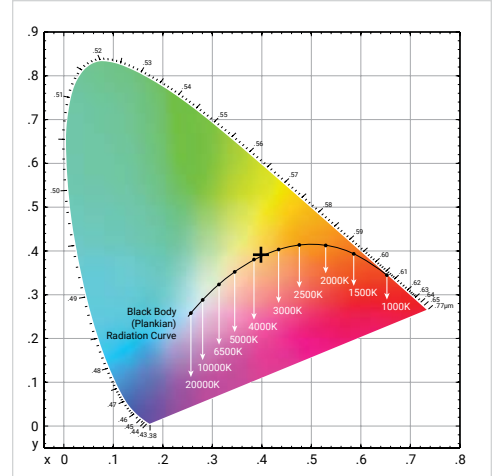
Photo Parameters

Luminous Flux: 350.7 lm
 Luminous Efficacy: 77.8 lm/W
 Radiant Flux: 1070.5 mW
 Iv: 0.0 mcd

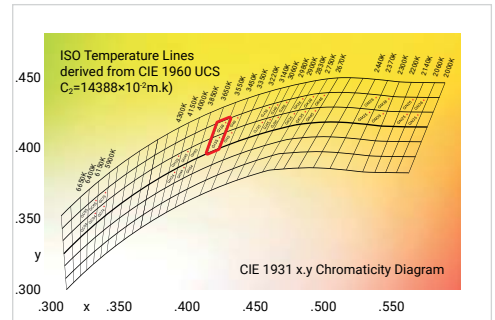
Electrical Parameters

Voltage: U=24.000V
 Current: I=0.19A
 Power: P=4.5W
 Power Factor: PF=1.000

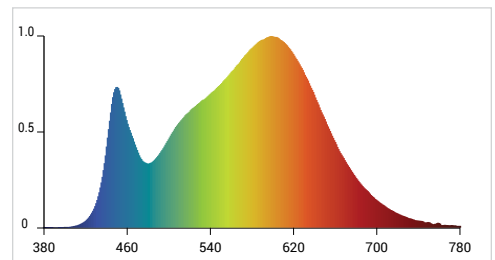
C.I.E. 1931 Chromaticity Diagram



Binning: G135-36 (3550-3650K)



Spectral Ratio: R=36.3%, G=47.4%, B=16.3%



B3528-24V-60-8mm-4.8W-4200K-IP22/IP68

Test Data for 1 Meter LED Strip Length



Chroma Parameters

Chromaticity Coordinates: $x=0.3782, y=0.3777, u=0.2232, v=0.3344, duv=0.0011$
 Correlated Color Temperature: 4205K
 Dominant Wave.: 578.2nm
 Purity: 26.9%
 Flux RGB Ratio: R=19.5%, G=77.8%, B=2.7%
 Peak Wave: 453.7nm
 Half Width: 27.9nm

Rendering Index: Ra=94.4

R1=95 R2=96 R3=94 R4=94 R5=93 R6=92 R7=98 R8=94
 R9=84 R10=87 R11=93 R12=69 R13=95 R14=96 R15=95

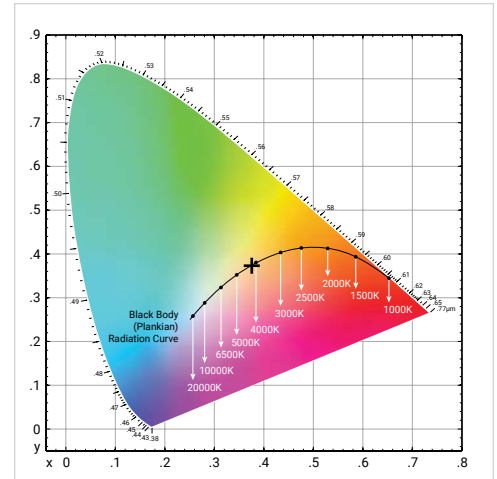
Photo Parameters

Luminous Flux: 392.5 lm
 Luminous Efficacy: 80.1 lm/W
 Radiant Flux: 1312.6 mW
 Iv: 0.0 mcd

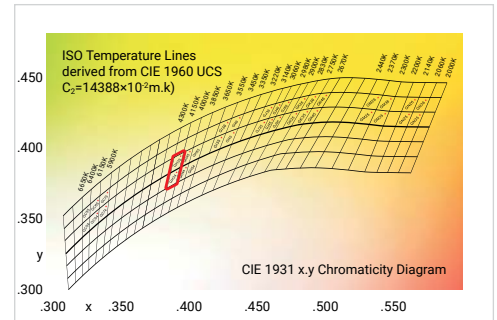
Electrical Parameters

Voltage: U=24.000V
 Current: I=0.2042A
 Power: P=4.90W
 Power Factor: PF=1.000

C.I.E. 1931 Chromaticity Diagram



Binning: GH34-35 (4150-4300K)



Spectral Ratio: R=42.9%,G=40.5%,B=16.6%

