

B3528-24V-120-8mm-9.6W-3000K-IP22

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 | 36.6 LED/ft | 120 LED/m | 600 LED/roll total |
| Can be cut at every | 1.97 in | 50 mm | 6 LED |
| Lifespan | 50 000 Hrs | | |
| IP Code (IEC standard 60529) | IP22 | | |



ELECTRICAL

| | | | |
|--------------------|----------------------|---------|-----------------|
| Input Type | DC, Constant Voltage | | |
| Input Voltage | 24V DC | | |
| Rated Power (Max.) | 2.9 W/ft | 9.6 W/m | 48 W/roll total |

LIGHTING

| | | | |
|----------------------------------|---------------------------|------------|--------------------|
| Luminous Flux | 200.4 lm/ft | 657.4 lm/m | 3287 lm/roll total |
| Luminous Efficacy | 85.6 lm/W | | |
| Correlated Color Temperature | 3000K (Warm White) | | |
| Colour Rendering Index | 93.6 | | |
| R9 | 71 | | |
| duv (black-body curve deviation) | -0.0000 | | |

Electrical Input

Rated Power (Max.)

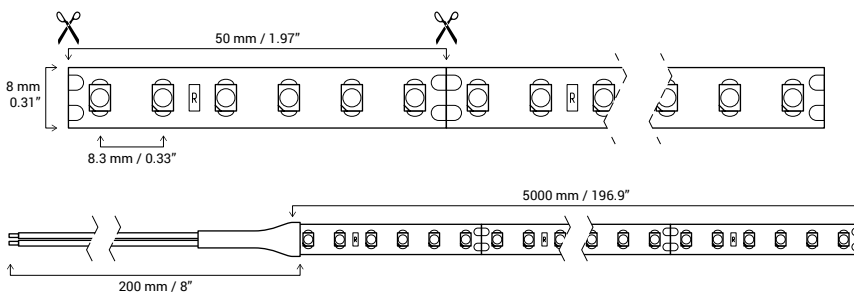
| | | |
|------------------|---------------|------------------|
| CONSTANT VOLTAGE | 24V DC | 48 W/roll |
|------------------|---------------|------------------|

Correlated Color Temperature (CCT)

3000K



DIMENSIONS



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Test Data for 1 Meter LED Strip Length



Chroma Parameters

Chromaticity Coordinates: x=0.4220, y=0.3983, u=0.2434, v=0.3446, duv=-0.0000
 Correlated Color Temperature: 3102K
 Dominant Wave.: 581.9nm
 Purity: 46.2%
 Flux RGB Ratio: R=23.0%, G=75.1%, B=1.9%
 Peak Wave: 626.6nm
 Half Width: 178.1nm

Rendering Index: Ra=93.6

R1=94 R2=96 R3=95 R4=94 R5=93 R6=93 R7=95 R8=88
 R9=71 R10=89 R11=94 R12=77 R13=95 R14=97 R15=92

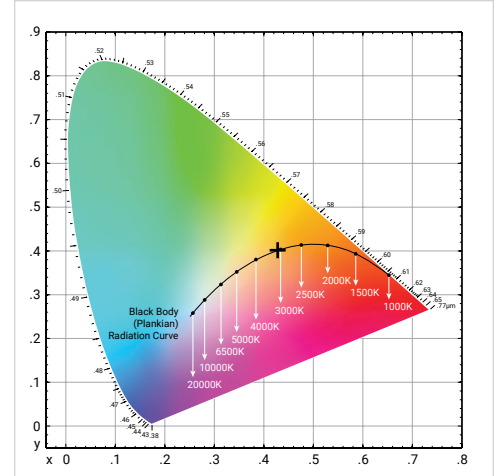
Photo Parameters

Luminous Flux: 657.4 lm
 Luminous Efficacy: 85.6 lm/W
 Radiant Flux: 2248.2 mW
 Iv: 0.0 mcd

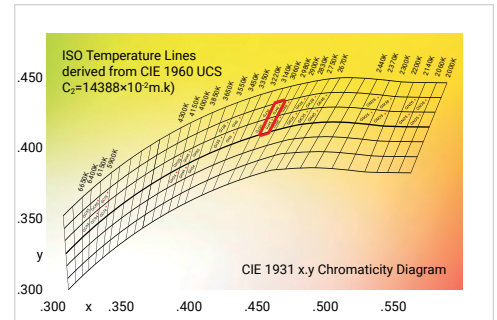
Electrical Parameters

Voltage: U=24.000V
 Current: I=0.3200A
 Power: P=7.68W
 Power Factor: PF=1.000

C.I.E. 1931 Chromaticity Diagram



Binning: GJ45-46 (3060-3140K)



Spectral Ratio: R=49.5%, G=38.9%, B=11.5%

