

B3528-24V-240-14mm-19.5W-3500K-IP22

Specification Sheet



PHYSICAL

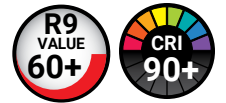
| | | | |
|------------------------------|--------------------|-----------|---------------------|
| Product Type | Flexible LED Strip | | |
| SMD Type | 3528 | | |
| Strip Width | 11/20 in | 14 mm | |
| Strip Total Length (Roll) | 16.4 ft | 5 m | |
| LED Linear Density | 54.9 LED/ft | 180 LED/m | 1200 LED/roll total |
| Can be cut at every | 0.98 in | 25 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.) | 5.9 W/ft | 19.5 W/m | 98 W/roll total |

LIGHTING

| | | | |
|----------------------------------|-----------------------------|-------------|--------------------|
| Luminous Flux | 388.5 lm/ft | 1274.6 lm/m | 6373 lm/roll total |
| Luminous Efficacy | 80.01 lm/W | | |
| Correlated Color Temperature | 3500K (Bright White) | | |
| Colour Rendering Index | 94.9 | | |
| R9 | 87 | | |
| dUV (black-body curve deviation) | -0.0000 | | |



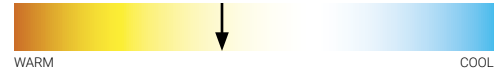
Electrical Input

Rated Power (Max.)

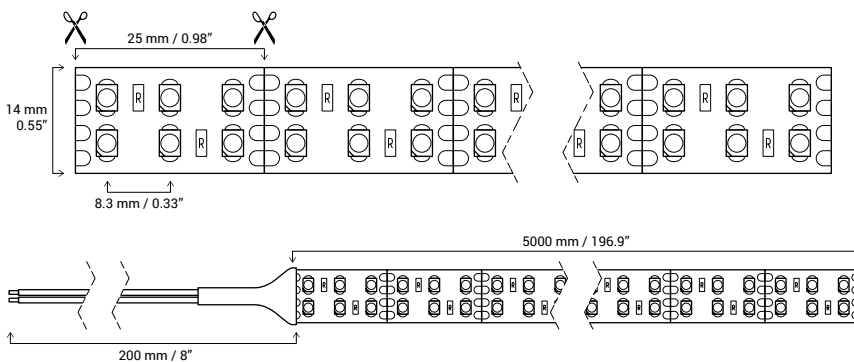
CONSTANT VOLTAGE 24V DC 98 W/roll

Correlated Color Temperature (CCT)

3500K



DIMENSIONS



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Test Data for 1 Meter LED Strip Length



Chroma Parameters

Chromaticity Coordinates: $x=0.4030, y=0.3895, u=0.2347, v=0.3403, duv=-0.0000$
 Correlated Color Temperature: 3598K
 Dominant Wave.: 580.7nm
 Purity: 37.9%
 Flux RGB Ratio: R=21.6%, G=76.3%, B=2.1%
 Peak Wave: 634.8nm
 Half Width: 190.4nm

Rendering Index: Ra=94.9

R1=96 R2=96 R3=93 R4=95 R5=94 R6=92 R7=97 R8=96
 R9=87 R10=88 R11=95 R12=74 R13=96 R14=95 R15=97

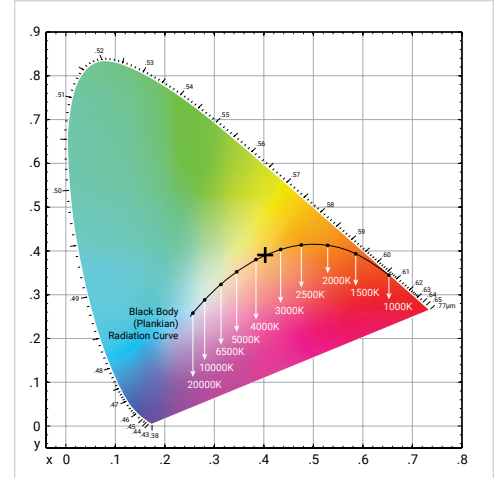
Photo Parameters

Luminous Flux: 1274.6 lm
 Luminous Efficacy: 80.01 lm/W
 Radiant Flux: 4280.7 mW
 Iv: 0.0 mcd

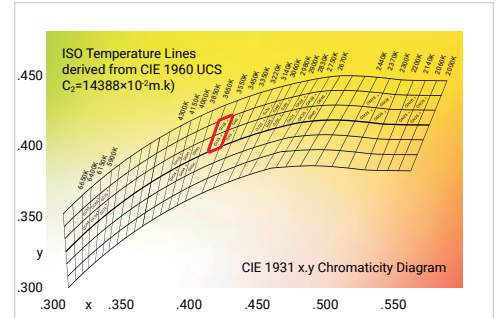
Electrical Parameters

Voltage: U=24.000V
 Current: I=0.66A
 Power: P=15.93W
 Power Factor: PF=1.000

C.I.E. 1931 Chromaticity Diagram



Binning: G135-36 (3550-3650K)



Spectral Ratio: R=48.6%, G=38.3%, B=13.1%

