

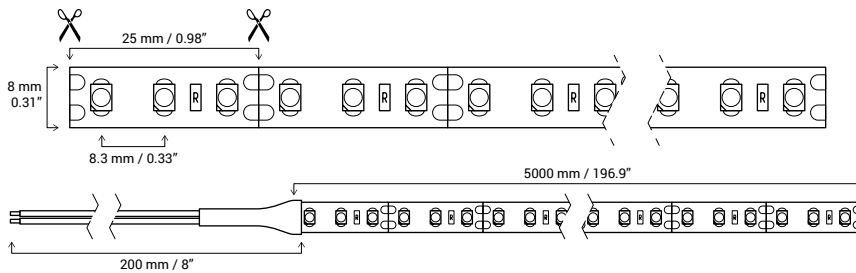
B3528-12V-120-8mm-9.6W-XX-IPYY

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	36.6 LED/ft	120 LED/m	600 LED/roll total
Can be cut at every	0.98 in	25mm	3 LED
Lifespan	50 000 Hrs		



ELECTRICAL

Input Type	DC, Constant Voltage		
Input Voltage	12V DC		
Rated Power (Max.)	2.9 W/ft	9.6 W/m	48 W/roll total



Electrical Input

Rated Power (Max.)

CONSTANT
VOLTAGE**12V DC****48 W/roll**

Wavelength

470nm

Blue

PRODUCT RANGE

Part Number	Code	IP	Color	Wavelength	CRI**	duv***
B3528-12V-120-8mm-9.6W-BLUE-IP22	LM28143-01	IP22	BLUE	467.1nm	0.0	-0.0239
B3528-12V-120-8mm-9.6W-BLUE-IP65		IP65				
B3528-12V-120-8mm-9.6W-RED-IP22	LM28143-05	IP22	RED	-	0.0	-
B3528-12V-120-8mm-9.6W-RED-IP65	LM28143-09	IP65				
B3528-12V-120-8mm-9.6W-AMBER-IP22	LM28143-07	IP22	AMBER	-	0.0	-
B3528-12V-120-8mm-9.6W-AMBER-IP65	LM28143-11	IP65				
B3528-12V-120-8mm-9.6W-GREEN-IP22	LM28143-03	IP22	GREEN	-	0.0	-
B3528-12V-120-8mm-9.6W-GREEN-IP65		IP65				

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

CRI** - Colour Rendering Index
duv*** - Black-body Curve Deviation

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B3528-12V-120-8mm-9.6W-BLUE-IP22/IP65

Test Data for 1 Meter LED Strip Length



Chroma Parameters

Chromaticity Coordinates: $x=0.1357, y=0.0528, u=0.1614, v=0.0943, duv=-0.0239$
 Correlated Color Temperature: 100000K
 Dominant Wave.: 467.1nm
 Purity: 97.7%
 Flux RGB Ratio: R=0.3%, G=20.7%, B=79.1%
 Peak Wave: 462.8nm
 Half Width: 20.1nm

Rendering Index: Ra=0.0

R1=0 R2=0 R3=0 R4=0 R5=0 R6=0 R7=0 R8=0
 R9=0 R10=0 R11=0 R12=0 R13=0 R14=0 R15=10

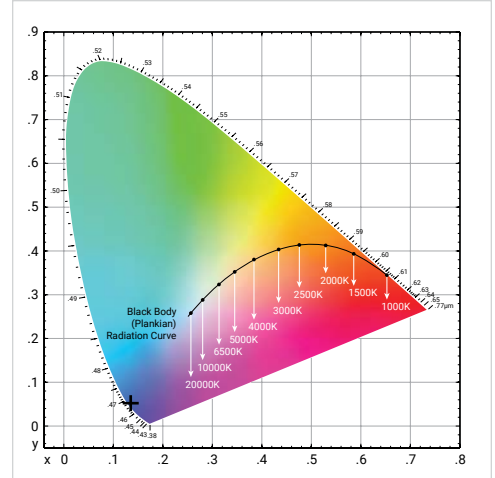
Photo Parameters

Luminous Flux: 74.66 lm
 Luminous Efficacy: 12.9 lm/W
 Radiant Flux: 960.5 mW
 Iv: 0.0 mcd

Electrical Parameters

Voltage: U=12.100V
 Current: I=0.478A
 Power: P=5.78W
 Power Factor: PF=1.000

C.I.E. 1931 Chromaticity Diagram



Spectral Ratio: R=0.4%, G=5.1%, B=94.5%

