

P5730-48-350mA-10W-4200K-24"-IP22

Specification Sheet



PHYSICAL

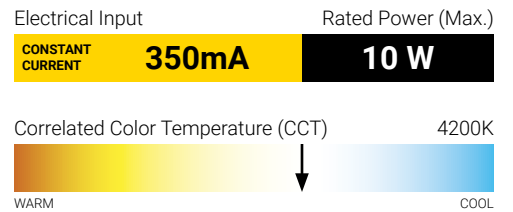
Product Type	Rigid PCB LED Strip	
SMD Type	5730	
Strip Width	1/2 in	12.4 mm
Strip Length	22.2 in	564 mm
Number of LED Chips	48 LED	
Lifespan	50 000 Hrs	
IP Code (IEC standard 60529)	IP22	

ELECTRICAL

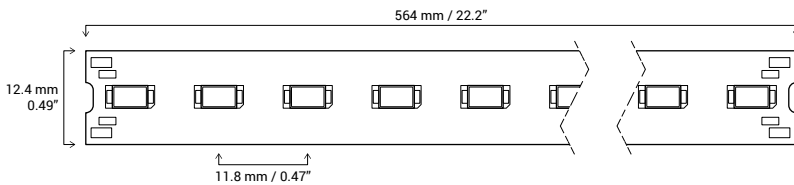
Input Type	DC, Constant Current
Input Voltage	350 mA
Rated Power (Max.)	10W Total

LIGHTING

Luminous Flux	1425.64 lm
Luminous Efficacy	139.4 lm/W
Correlated Color Temperature	4200K (Neutral White)
Colour Rendering Index	83.4
R9	22
duv (black-body curve deviation)	-0.0010



DIMENSIONS



P5730-48-350mA-10W-4200K-24"-IP22

Test Data for Full PCB Strip (48 LED/22.2in)



Chroma Parameters

Chromaticity Coordinates: $x=0.3771, y=0.3725, u=0.2246, v=0.3328, duv=-0.0010$
 Correlated Color Temperature: 4063K
 Dominant Wave.: 579.4nm
 Purity: 25.0%
 Flux RGB Ratio: R=18.2%, G=79.5%, B=2.2%
 Peak Wave: 447.5nm
 Half Width: 22.4nm

Rendering Index: Ra=83.4

R1=83 R2=88 R3=91 R4=84 R5=82 R6=83 R7=87 R8=70
 R9=22 R10=70 R11=82 R12=64 R13=83 R14=95 R15=78

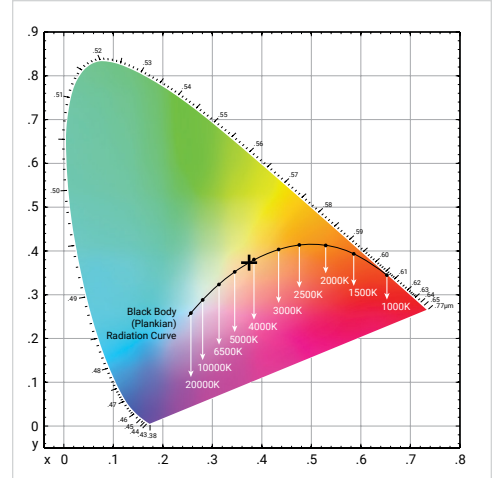
Photo Parameters

Luminous Flux: 1425.64 lm
 Luminous Efficacy: 139.4 lm/W
 Radiant Flux: 4509.7 mW
 Iv: 0.0 mcd

Electrical Parameters

Voltage: U=29.2V
 Current: I=350mA
 Power: P=10.22W
 Power Factor: PF=1.000

C.I.E. 1931 Chromaticity Diagram



Spectral Ratio: R=34.6%, G=46.2%, B=19.2%

