

# P5730-48-350mA-10W-3000K-24"-IP22

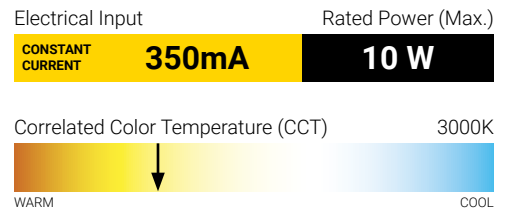
## Specification Sheet



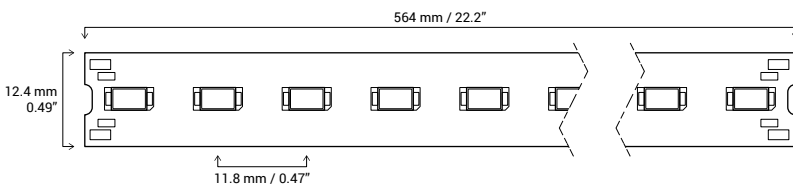
PHYSICAL		
Product Type	Rigid PCB LED Strip	
SMD Type	5730	
Strip Width	1/2 in	12.4 mm
Strip Length	22.2 in	564 mm
Number of LED Chips	48 LED	
Lifespan	50 000 Hrs	
IP Code (IEC standard 60529)	IP22	

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

LIGHTING	
Luminous Flux	<b>1273.85 lm</b>
Luminous Efficacy	<b>126.1 lm/W</b>
Correlated Color Temperature	<b>3000K (Warm White)</b>
Colour Rendering Index	<b>83.2</b>
R9	<b>16</b>
dUV (black-body curve deviation)	<b>-0.0015</b>



### DIMENSIONS



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



### Chroma Parameters

Chromaticity Coordinates: x=0.4331, y=0.3990, u=0.2503, v=0.3459, duv=-0.0015  
 Correlated Color Temperature: 3023K  
 Dominant Wave.: 583.3nm  
 Purity: 49.8%  
 Flux RGB Ratio: R=22.8%, G=75.4%, B=1.8%  
 Peak Wave: 601.7nm  
 Half Width: 134.1nm

### Rendering Index: Ra=83.2

R1=82 R2=92 R3=96 R4=78 R5=80 R6=89 R7=85 R8=64  
 R9=16 R10=80 R11=76 R12=70 R13=85 R14=98 R15=77

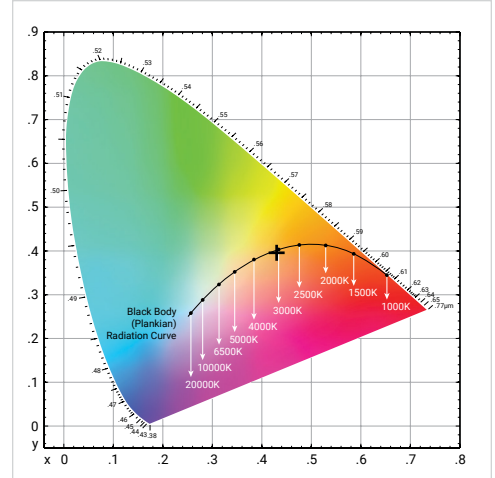
### Photo Parameters

Luminous Flux: 1273.85 lm  
 Luminous Efficacy: 126.1 lm/W  
 Radiant Flux: 3765.6 mW  
 Iv: 0.0 mcd

### Electrical Parameters

Voltage: U=28.9V  
 Current: I=350mA  
 Power: P=10.1W  
 Power Factor: PF=1.000

C.I.E. 1931 Chromaticity Diagram



Spectral Ratio: R=43.6%, G=44.3%, B=12.2%

