

## P5730-24-350mA-5W-3000K-12"-IP22

### Specification Sheet



#### PHYSICAL

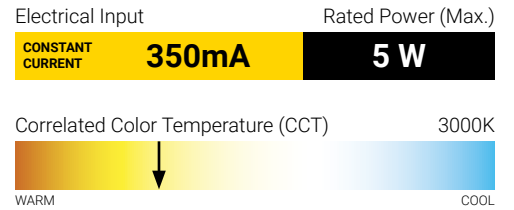
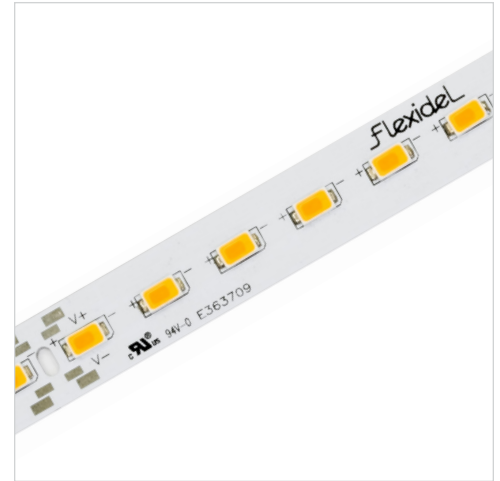
Product Type	Rigid PCB LED Strip	
SMD Type	5730	
Strip Width	1/2 in	12.4 mm
Strip Length	11.1 in	282 mm
Number of LED Chips	24 LED	
Lifespan	50 000 Hrs	
IP Code (IEC standard 60529)	IP22	

#### ELECTRICAL

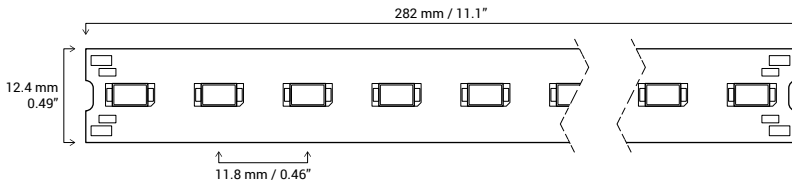
Input Type	DC, Constant Current
Input Voltage	350 mA
Rated Power (Max.)	5W Total

#### LIGHTING

Luminous Flux	<b>643.05 lm</b>
Luminous Efficacy	<b>129.6 lm/W</b>
Correlated Color Temperature	<b>3000K (Warm White)</b>
Colour Rendering Index	<b>83</b>
R9	<b>16</b>
dUV (black-body curve deviation)	<b>-0.0010</b>



#### DIMENSIONS



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### Test Data for Full PCB Strip (24 LED/11.1in)



#### Chroma Parameters

Chromaticity Coordinates: x=0.4316, y=0.3999, u=0.2490, v=0.3459, duv=-0.0010  
 Correlated Color Temperature: 3056K  
 Dominant Wave.: 582.9nm  
 Purity: 49.6%  
 Flux RGB Ratio: R=22.6%, G=75.7%, B=1.7%  
 Peak Wave: 602.8nm  
 Half Width: 135.9nm

#### Rendering Index: Ra=83.0

R1=81 R2=91 R3=97 R4=80 R5=81 R6=87 R7=84 R8=63  
 R9=16 R10=78 R11=78 R12=68 R13=84 R14=98 R15=76

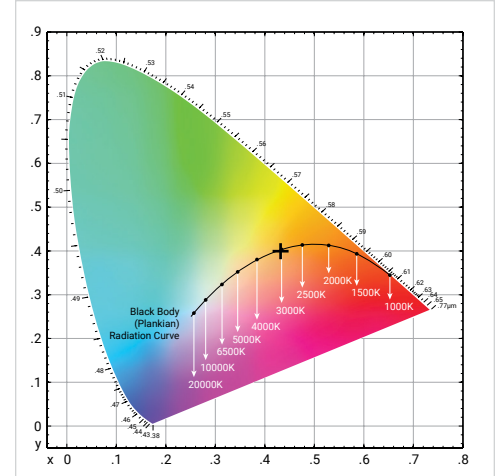
#### Photo Parameters

Luminous Flux: 643.05 lm  
 Luminous Efficacy: 129.61 lm/W  
 Radiant Flux: 7435.5 mW  
 Iv: 0.0 mcd

#### Electrical Parameters

Voltage: U=14.28V  
 Current: I=350mA  
 Power: P=5W  
 Power Factor: PF=1.000

C.I.E. 1931 Chromaticity Diagram



Spectral Ratio: R=44.1%, G=43.6%, B=12.2%

