

# P5730-40-350mA-8W-3000K-20"-IP22

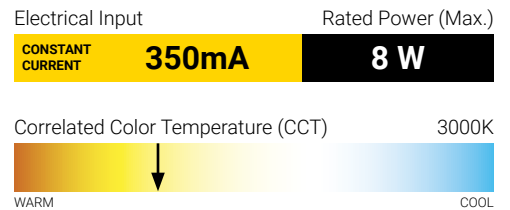
## Specification Sheet



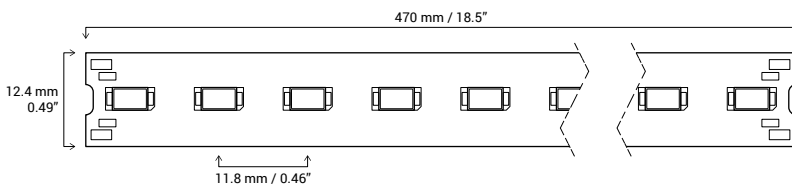
PHYSICAL	
Product Type	Rigid PCB LED Strip
SMD Type	5730
Strip Width	1/2 in      12.4 mm
Strip Length	18.5 in      470 mm
Number of LED Chips	40 LED
Lifespan	50 000 Hrs
IP Code (IEC standard 60529)	IP22

ELECTRICAL	
Input Type	DC, Constant Current
Input Voltage	350 mA
Rated Power (Max.)	8W Total

LIGHTING	
Luminous Flux	<b>1056.12 lm</b>
Luminous Efficacy	<b>135.4 lm/W</b>
Correlated Color Temperature	<b>3000K (Warm White)</b>
Colour Rendering Index	<b>83.9</b>
R9	<b>17</b>
duv (black-body curve deviation)	<b>-0.0010</b>



### DIMENSIONS



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## Test Data for Full PCB Strip (40 LED/18.5in)



### 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=83.9

R1=82 R2=91 R3=97 R4=80 R5=82 R6=87 R7=84 R8=62  
 R9=17 R10=78 R11=78 R12=68 R13=84 R14=97 R15=76

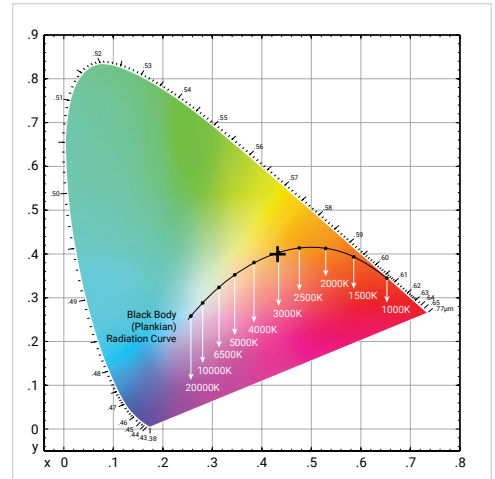
### Photo Parameters

Luminous Flux: 1056.12 lm  
 Luminous Efficacy: 135.4 lm/W  
 Radiant Flux: 7435.5 mW  
 Iv: 0.0 mcd

### Electrical Parameters

Voltage: U=22.285V  
 Current: I=350mA  
 Power: P=7.8W  
 Power Factor: PF=1.000

C.I.E. 1931 Chromaticity Diagram



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

