

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

Specification Sheet



PHYSICAL

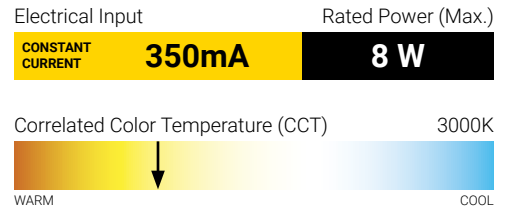
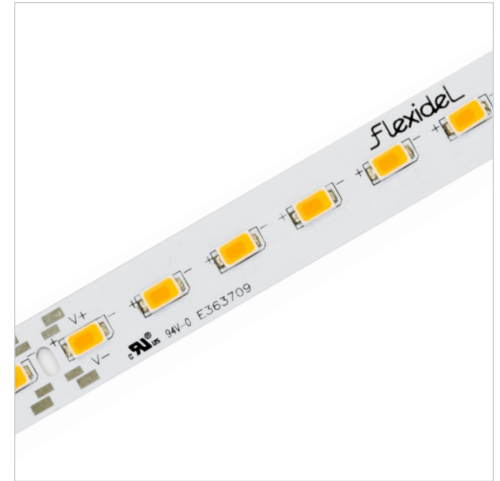
Product Type	Rigid PCB LED Strip	
SMD Type	5730	
Strip Width	1/2 in	12.4 mm
Strip Length	18.5 in	470 mm
Number of LED Chips	40 LED	
Lifespan	50 000 Hrs	
IP Code (IEC standard 60529)	IP22	

ELECTRICAL

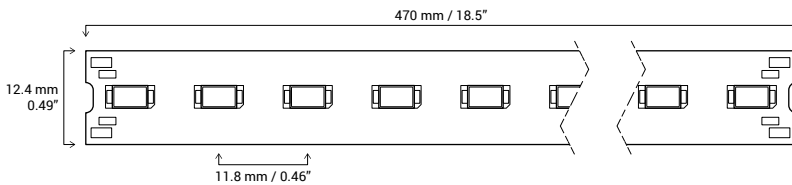
Input Type	DC, Constant Current
Input Voltage	350 mA
Rated Power (Max.)	8W Total

LIGHTING

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



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

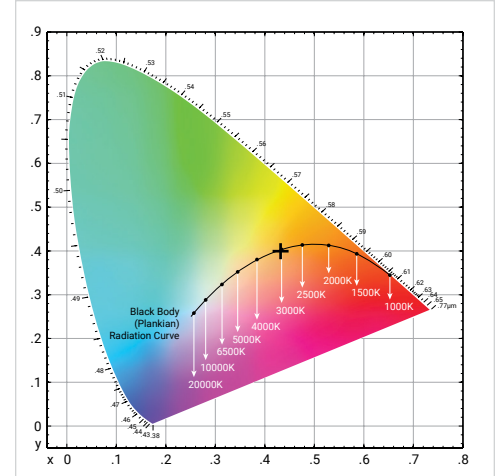
Photo Parameters

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%

