

P5730-130-700mA-26W-3000K-60"-IP22

Specification Sheet



PHYSICAL

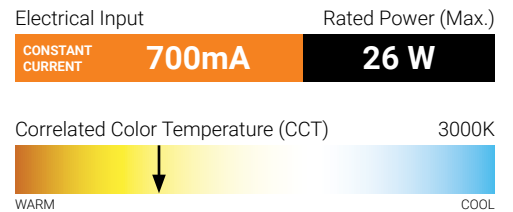
Product Type	Rigid PCB LED Strip	
SMD Type	5730	
Strip Width	1/2 in	12.4 mm
Strip Length	59 in	1498 mm
Number of LED Chips	130 LED	
Lifespan	50 000 Hrs	
IP Code (IEC standard 60529)	IP22	

ELECTRICAL

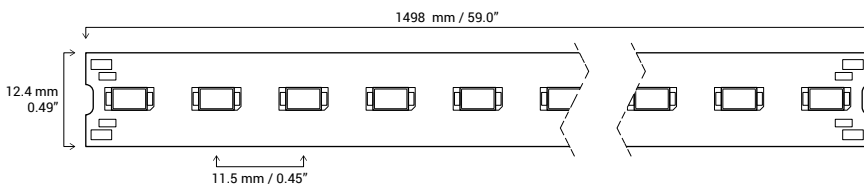
Input Type	DC, Constant Current
Input Voltage	700 mA
Rated Power (Max.)	26W Total

LIGHTING

Luminous Flux	3545.32 lm
Luminous Efficacy	139.8 lm/W
Correlated Color Temperature	3000K (Warm White)
Colour Rendering Index	84.2
R9	21
dUV (black-body curve deviation)	-0.0010



DIMENSIONS



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Test Data for Full PCB Strip (130 LED/59in)



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=84.2

R1=84 R2=91 R3=97 R4=80 R5=82 R6=87 R7=84 R8=63
 R9=21 R10=78 R11=78 R12=67 R13=84 R14=98 R15=77

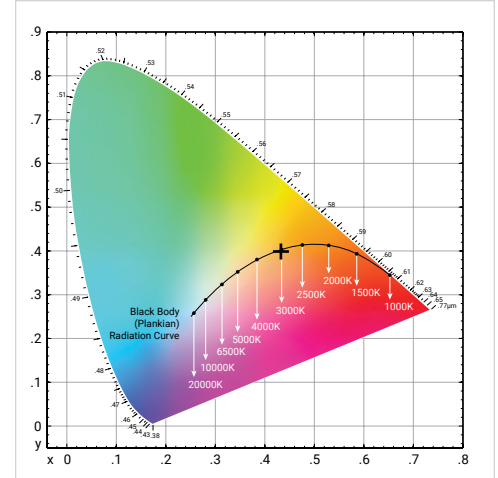
Photo Parameters

Luminous Flux: 3545.32 lm
 Luminous Efficacy: 139.8 lm/W
 Radiant Flux: 7435.5 mW
 Iv: 0.0 mcd

Electrical Parameters

Voltage: U=36.22V
 Current: I=700mA
 Power: P=25.36W
 Power Factor: PF=1.000

C.I.E. 1931 Chromaticity Diagram



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

