

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



PHYSICAL

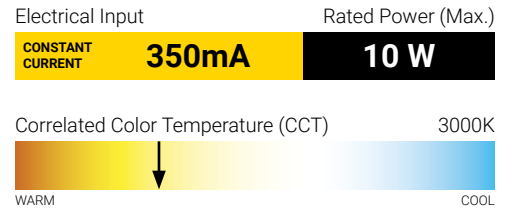
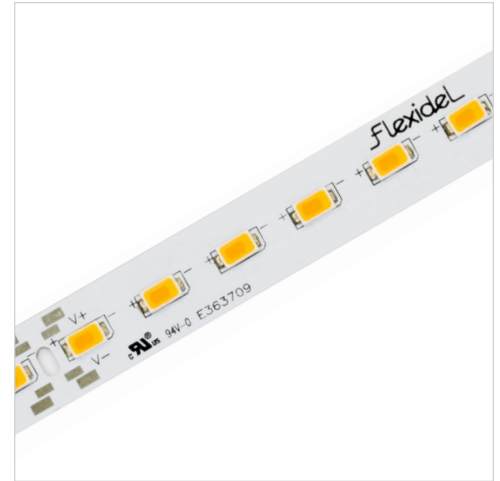
Product Type	Rigid PCB LED Strip	
SMD Type	5730	
Strip Width	1/2 in	12.4 mm
Strip Length	22.2 in	564 mm
Number of LED Chips	48 LED	
Lifespan	50 000 Hrs	
IP Code (IEC standard 60529)	IP22	

ELECTRICAL

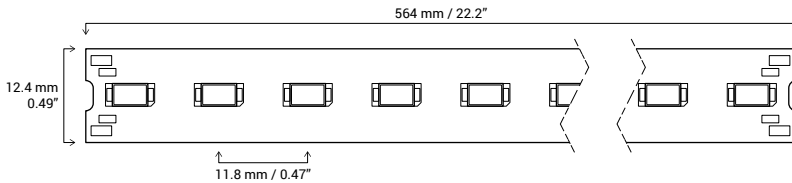
Input Type	DC, Constant Current	
Input Voltage	350 mA	
Rated Power (Max.)	10W Total	

LIGHTING

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



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

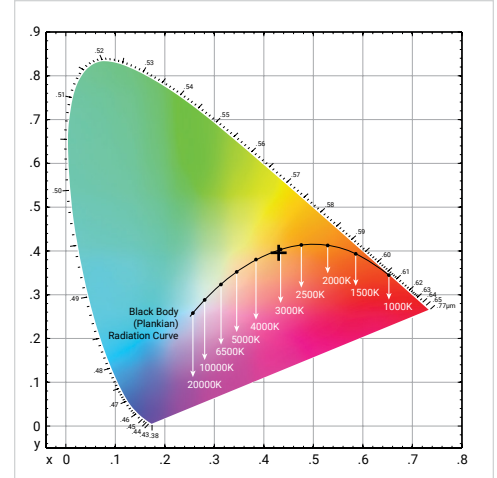
Photo Parameters

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%

