

P5730-40-350mA-8W-4200K-20"-IP22

Specification Sheet



PHYSICAL

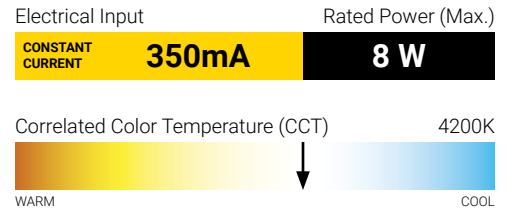
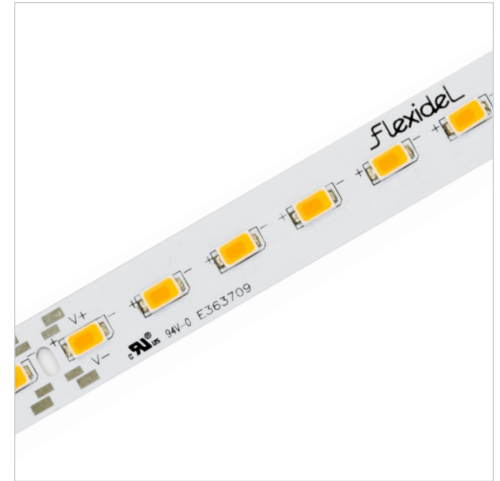
Product Type	Rigid PCB LED Strip	
SMD Type	5730	
Strip Width	1/2 in	12.4 mm
Strip Length	18.5 in	470 mm
Number of LED Chips	40 LED	
Lifespan	50 000 Hrs	
IP Code (IEC standard 60529)	IP22	

ELECTRICAL

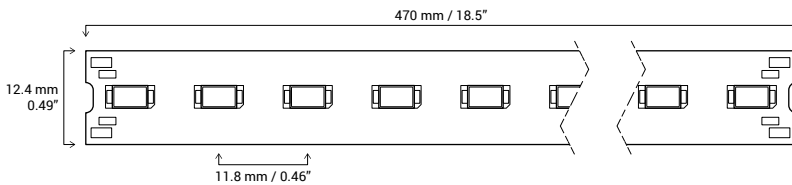
Input Type	DC, Constant Current	
Input Voltage	350 mA	
Rated Power (Max.)	8W Total	

LIGHTING

Luminous Flux	1102.05 lm	
Luminous Efficacy	139.5 lm/W	
Correlated Color Temperature	4200K (Neutral White)	
Colour Rendering Index	83	
R9	20	
dUV (black-body curve deviation)	0.0000	



DIMENSIONS



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



Chroma Parameters

Chromaticity Coordinates: $x=0.3773, y=0.3749, u=0.2238, v=0.3335, duv=0.0000$
 Correlated Color Temperature: 4073K
 Dominant Wave.: 578.8nm
 Purity: 25.8%
 Flux RGB Ratio: R=18.1%, G=79.6%, B=2.3%
 Peak Wave: 447.5nm
 Half Width: 21.7nm

Rendering Index: Ra=83.0

R1=80 R2=87 R3=92 R4=83 R5=82 R6=82 R7=88 R8=70
 R9=20 R10=70 R11=82 R12=62 R13=83 R14=95 R15=76

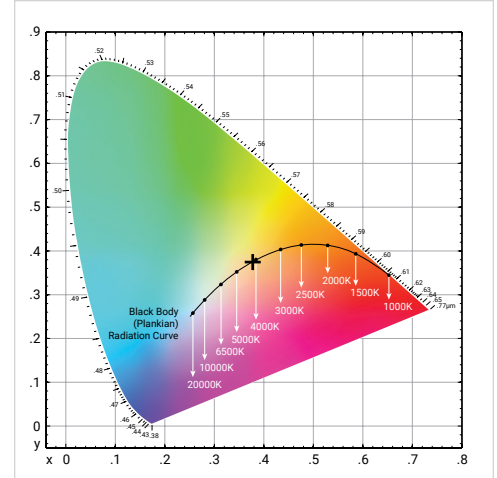
Photo Parameters

Luminous Flux: 1102.05 lm
 Luminous Efficacy: 139.5 lm/W
 Radiant Flux: 6623.1 mW
 Iv: 0.0 mcd

Electrical Parameters

Voltage: U=22.57V
 Current: I=350mA
 Power: P=7.9W
 Power Factor: PF=1.000

C.I.E. 1931 Chromaticity Diagram



Spectral Ratio: R=34.4%, G=46.7%, B=18.9%

