

P5730-80-700mA-16W-3000K-36"-IP22

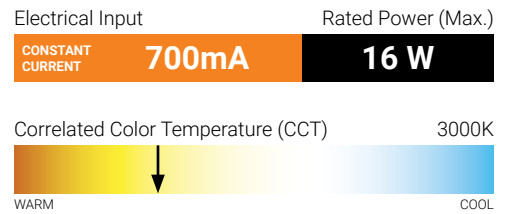
Specification Sheet



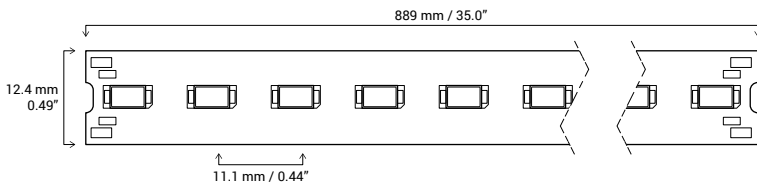
| PHYSICAL | |
|------------------------------|---------------------|
| Product Type | Rigid PCB LED Strip |
| SMD Type | 5730 |
| Strip Width | 1/2 in 12.4 mm |
| Strip Length | 35 in 889 mm |
| Number of LED Chips | 80 LED |
| Lifespan | 50 000 Hrs |
| IP Code (IEC standard 60529) | IP22 |

| ELECTRICAL | |
|--------------------|----------------------|
| Input Type | DC, Constant Current |
| Input Voltage | 700 mA |
| Rated Power (Max.) | 16W Total |

| LIGHTING | |
|----------------------------------|---------------------------|
| Luminous Flux | 2277.56 lm |
| Luminous Efficacy | 137.2 lm/W |
| Correlated Color Temperature | 3000K (Warm White) |
| Colour Rendering Index | 83.1 |
| R9 | 15 |
| dUV (black-body curve deviation) | -0.0010 |



DIMENSIONS



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Test Data for Full PCB Strip (80 LED/35in)



Chroma Parameters

Chromaticity Coordinates: $x=0.4317, y=0.3998, u=0.2491, v=0.3459, duv=-0.0010$
 Correlated Color Temperature: 3056K
 Dominant Wave.: 583.0nm
 Purity: 49.6%
 Flux RGB Ratio: R=22.6%, G=75.8%, B=1.7%
 Peak Wave: 606.7nm
 Half Width: 137.1nm

Rendering Index: Ra=83.1

R1=82 R2=91 R3=96 R4=79 R5=80 R6=88 R7=86 R8=64
 R9=15 R10=78 R11=77 R12=68 R13=84 R14=98 R15=76

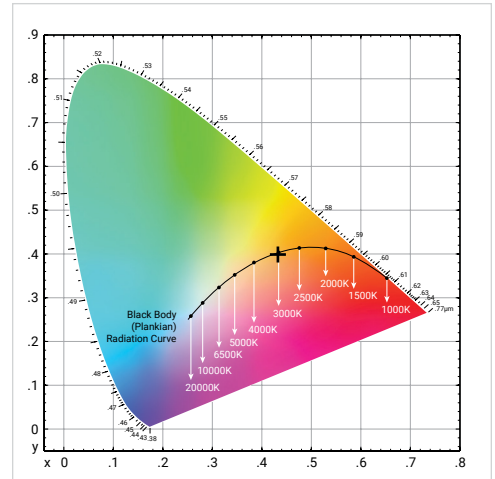
Photo Parameters

Luminous Flux: 2277.56 lm
 Luminous Efficacy: 137.2 lm/W
 Radiant Flux: 7515.4 mW
 Iv: 0.0 mcd

Electrical Parameters

Voltage: U=23.8V
 Current: I=700mA
 Power: P=16.6W
 Power Factor: PF=1.000

C.I.E. 1931 Chromaticity Diagram



Spectral Ratio: R=43.2%, G=44.8%, B=12.1%

