

Datasheet

LED-strip specification

LED-strip type:
LP991200365UV

Description:
**UV-PRO LED-strip 24V UV 365nm SMD2835
(24 Volt, 240 LEDs/m, IP20)**



Date:
17-03-2023

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Basic Parameters	
LED Type	2835 SMD
Color	UV 360~370nm
Viewing Angle (θ)	120 \pm 5°
LED Qty	240 LEDs/ mtr
IP grade	IP20
Dimensions	5000 x 10 x 2,5mm
Weight	35g ~ 50g/ meter
Lifespan	70,000hours
BIN	3 SDCM
Warranty	3 Years

Environment Parameters	
Working Temperature	-25°C ~ +70°C
Storage Temperature	-20°C ~ +60°C

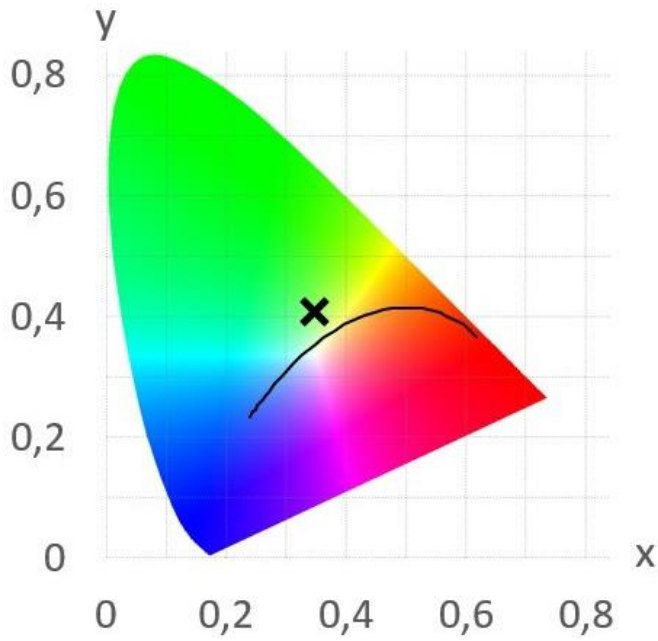
Electronic Specifications	
Working Voltage	DC24V
Working Current	1A/ mtr
Working Wattage	24W/ mtr
Driving Method	Constant Voltage

Wires & connection length	
Wires	UL1007 20# 150mm
Length per segment - Cuttable	25mm
LEDs / segment	6
Standard length on a reel	5m

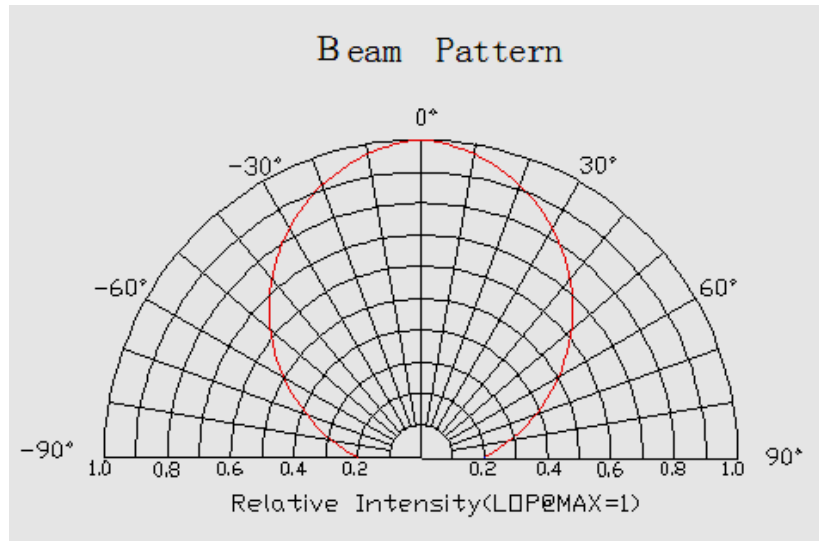
Luminous Flux (Lumen/Meter)	
UV	n.a.

Wavelength/ Color Temperature	(nm/k)
UV	360-370nm

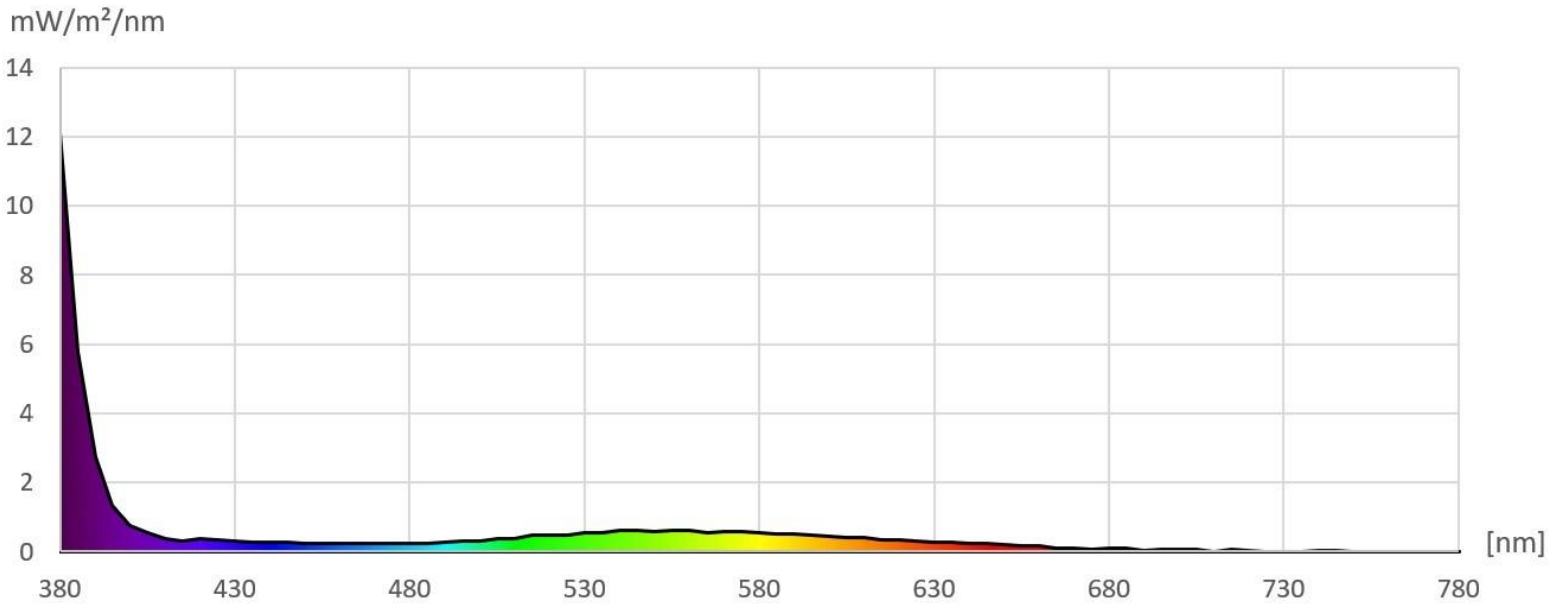
CIE1931 UV:



Optical Characteristics Curve:



Wavelength UV:



The Materials of PCB:

Conducting Tracks: Cu, 35um thickness, double sided.

Adhesive type:

3M 9495LE 300MP Thermal Conductive

Solderings:

Solder Alloy: 99.3 Sn, 0.7 Cu,

Melting Temperature: 227°C

No SVHC (Jan 2021)

Certificate of Conformity:

EC Council Directive 2004/108/EC

Electromagnetic Compatibility

Complies to the standards:

- NEN-EN-IEC 61000-3-2:2019/A1:2021
- NEN-EN-IEC 61000-3-3:2013+A1:2017+A2:2021
- NEN-EN-IEC 61547:2009

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