

Datasheet

LED engine specification

Product type:
LE-24-365-108X2835PLX

Description:
LuxaLight LED Engine 24V 365 nm 2835 (24 Volt, 108 LEDs, 2835, IP64)



Date:
08-08-2022

Basic Parameters	
LED Type	2835 SMD
Color	365nm UV-A
Viewing Angle (θ)	120 $\pm$ 5°
LED Qty	108 LEDs
IP grade	IP64 Silicone Coating
Dimensions	200 * 20 * 2 mm
Weight	22g
Mounting	3M tape VHB4905

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

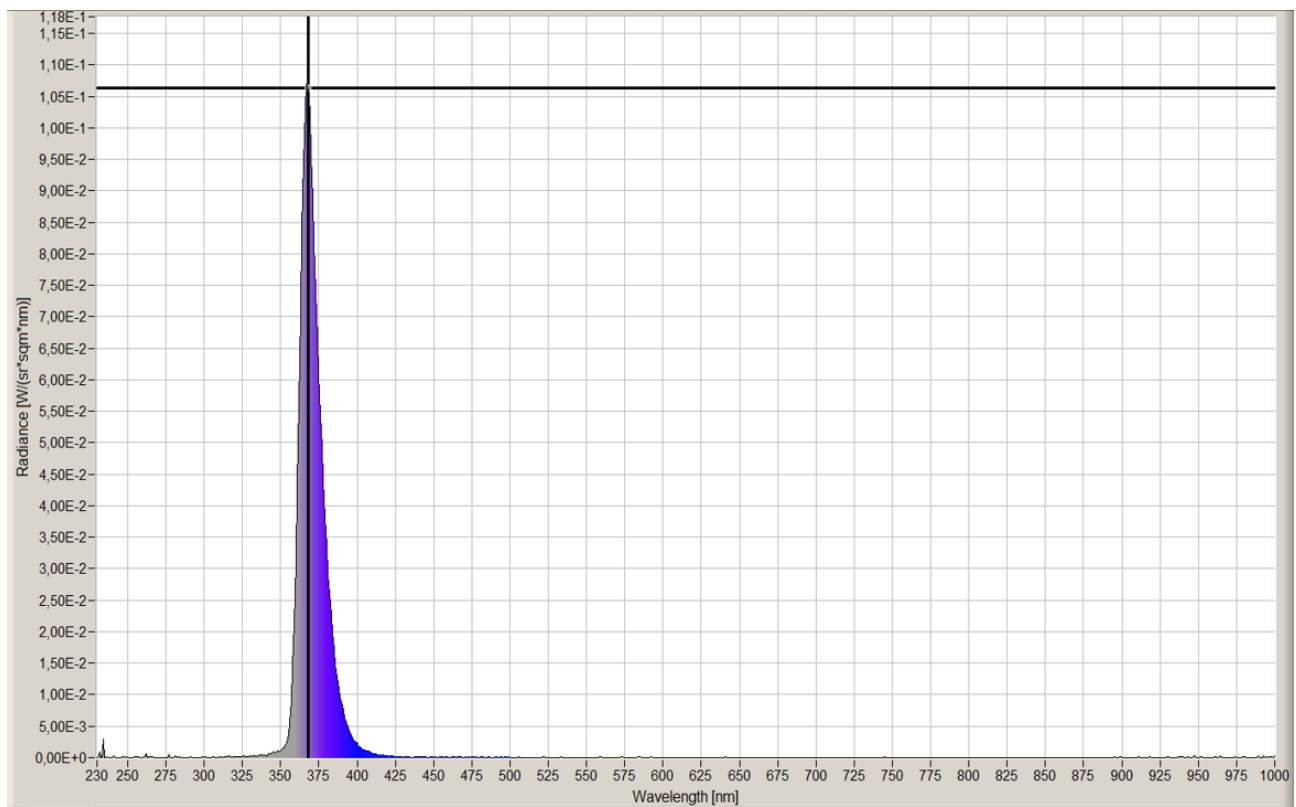
Electronic Specifications	
Working Voltage	DC24V
Working Current	1,25 A/
Working Wattage	30 W/ mtr
Driving Method	Constant Voltage

Radiance (W)	
UV 365nm	11,84 W

Wavelength/ Color Temperature	(nm/k)
UV-A	365 nm

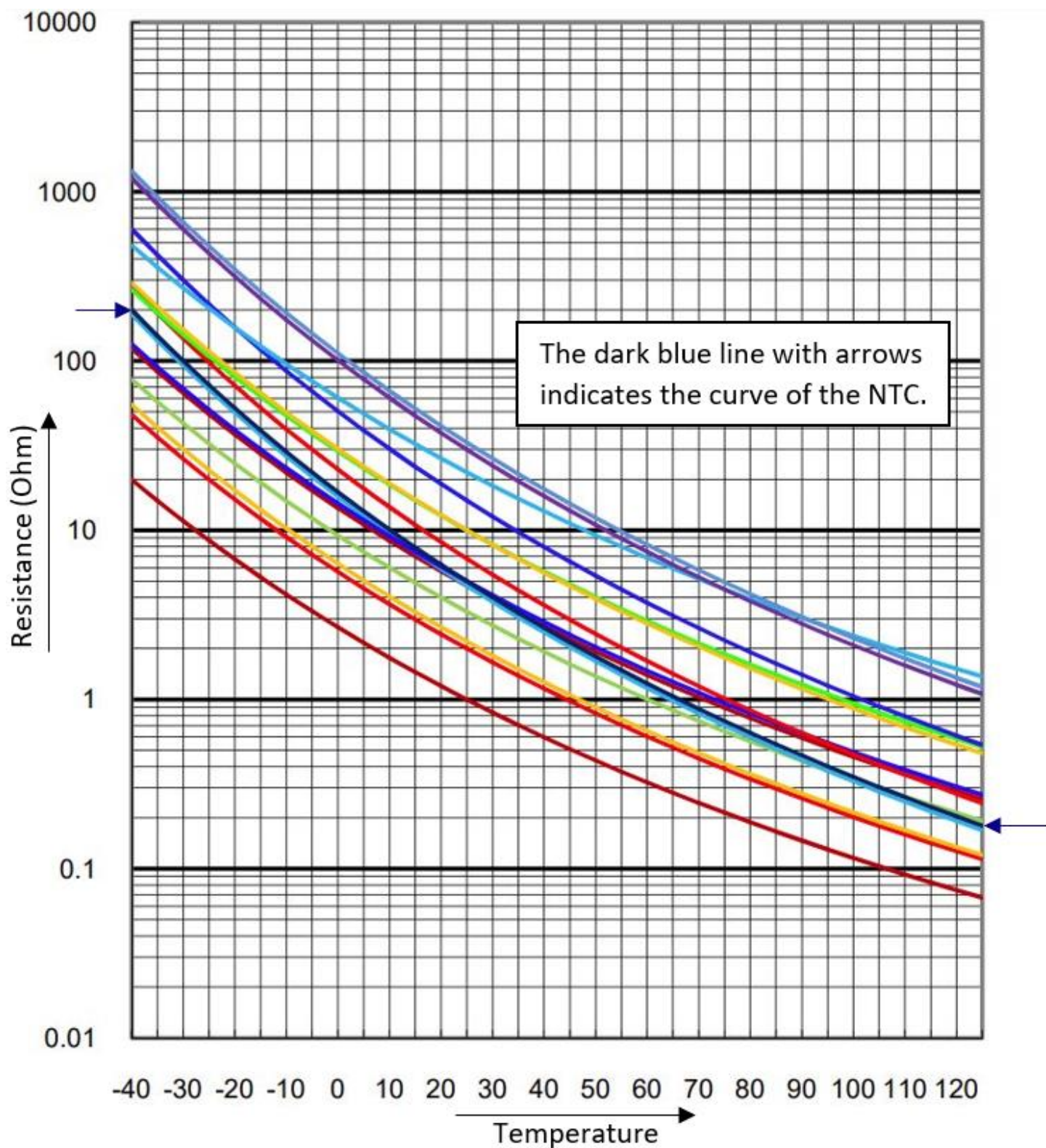
NTC parameters	
Resistance (Ohm)	5KOhm
Beta Value	3950

Wavelength UV-A 365nm:



Curvature of the NTC:

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The Materials of PCB:

2mm Thick Aluminium.

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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