

Datasheet

LED-strip specification

LED-strip type:
NF24NW120X2835XFLAT

Description:
**LuxaLight Long Life LED Neon Flex Flat View Neutral White 4000K
(24 Volt, 120 LEDs, 2835, IP67)**



Date: 14-12-2021

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Basic Parameters	
LED Type	2835 SMD
Color	Neutral White
CRI	≥ 80 Ra
Viewing Angle (θ)	120 ±5°
LED Qty	120 LEDs/ mtr
IP grade	IP67
Dimensions Reel	5000 * 12 * 20mm
Weight	240g ~ 260g/ meter
Lifespan	30,000hours
BIN	3 SDCM
Warranty	2 Years

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

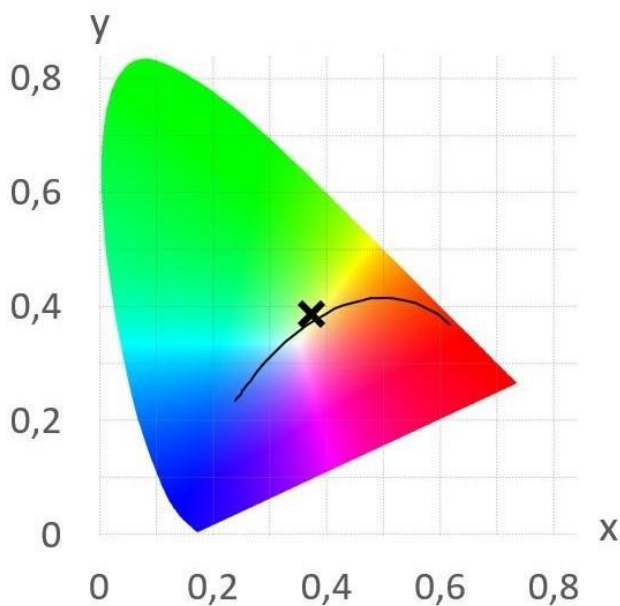
Electronic Specifications	
Working Voltage	DC24V
Working Current	0.4 A/ mtr
Working Wattage	9.6 W/ mtr
Driving Method	Constant Voltage

Wires & connection length	
Wires	UL1007 20# 150mm
Length per segment	50mm
LEDs / segment	6
Standard length on a reel	5m

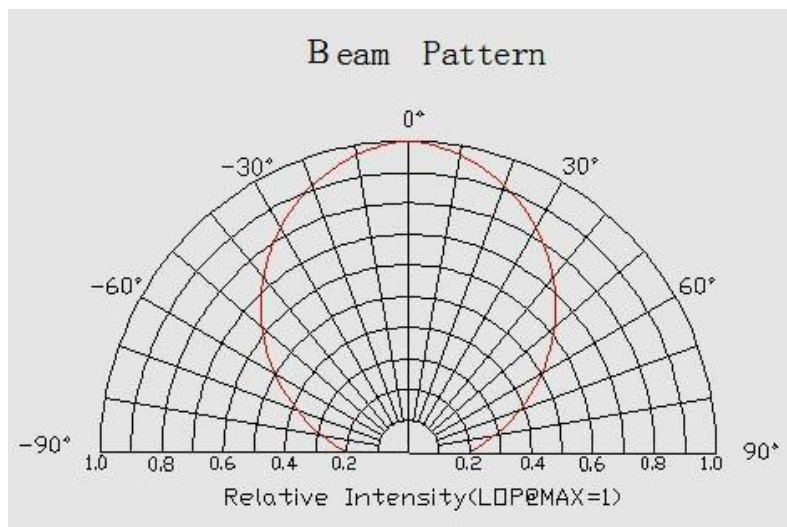
Luminous Flux (Lumen/Meter)	
Neutral White	768 Lumen

Wavelength/ Color Temperature (nm/k)	
Neutral White	4000 K

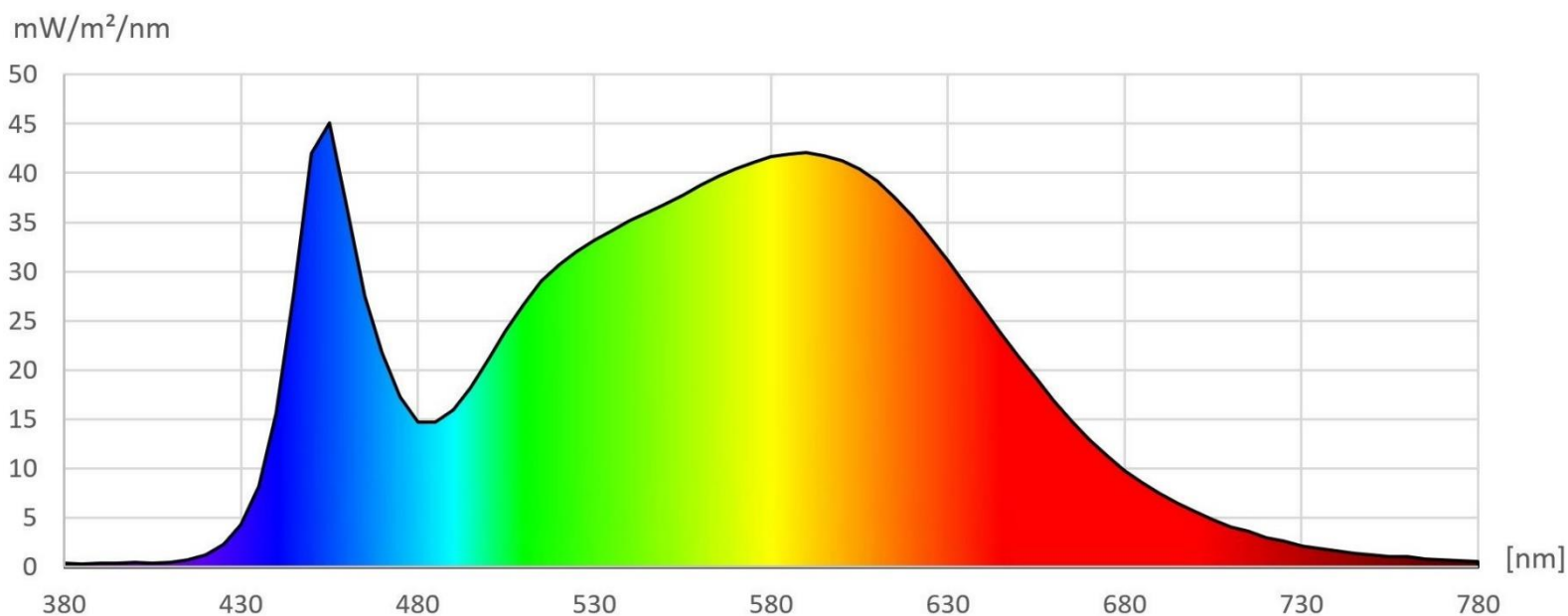
CIE1931 Neutral White:



Optical Characteristics Curve:



Wavelength Neutral White:



The Materials of PCB:

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

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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