

Datasheet

LED Strip Specification

LED strip type:
NF24NW120X2835LXFLAT

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

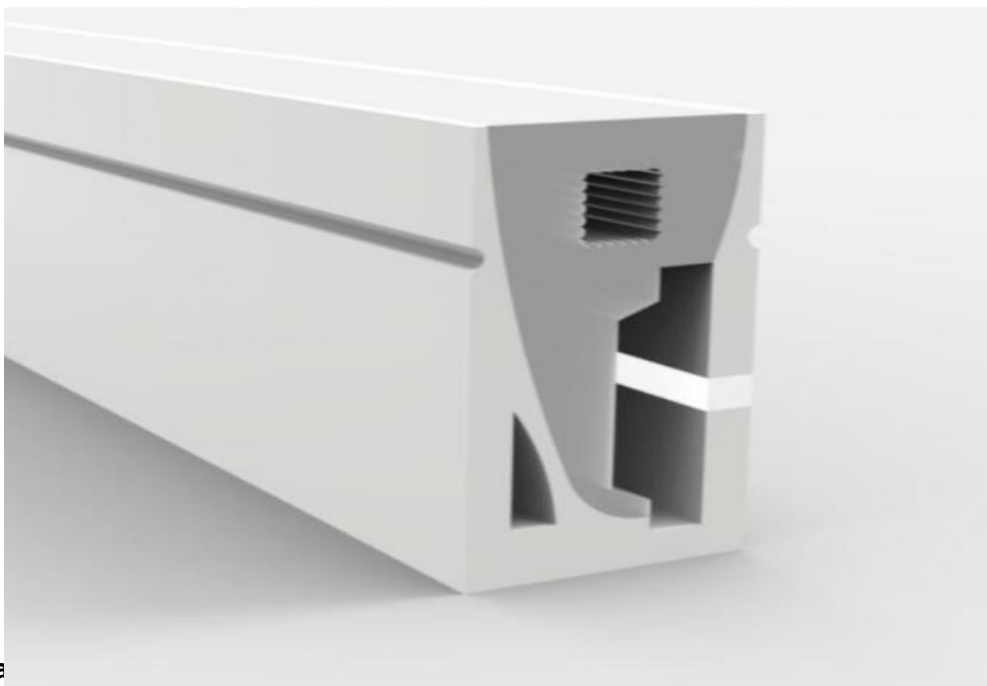


Date: 23-04-2019

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Features:

- Super bright SMD2835 as the light source, high brightness, wide beaming angle with good consistent aperture and no shadow
- Use double-side imported rolled copper FPC, good folding endurance disconnected
- Low voltage DC24V, constant voltage drive
- Long life time is up to 30,000 hours
- All raw materials comply with CE, RoHs



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Basic Parameters	
LED Type	2835 SMD
Color	Neutral White
CRI	≥ 90 Ra
Viewing Angle (θ)	120 ±5°
LED Qty	120 LEDs / mtr
IP grade	IP67
Dimensions Reel	5000 * 12 * 20 mm
Weight	120g ~ 150g / meter
Lifespan	30,000hours
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

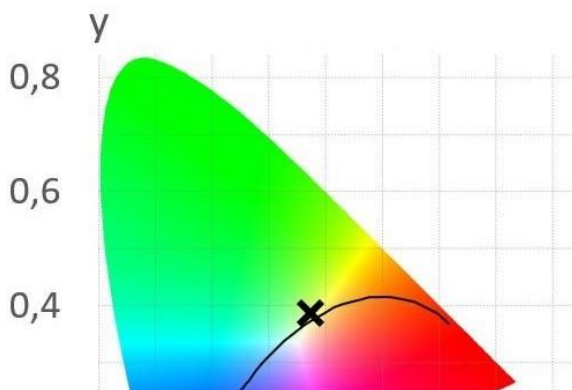
Wires & connection length	
Wires	UL1007 20# 150mm
Length per segment	50mm
LEDs / segment	6
Standard length on a reel	5m

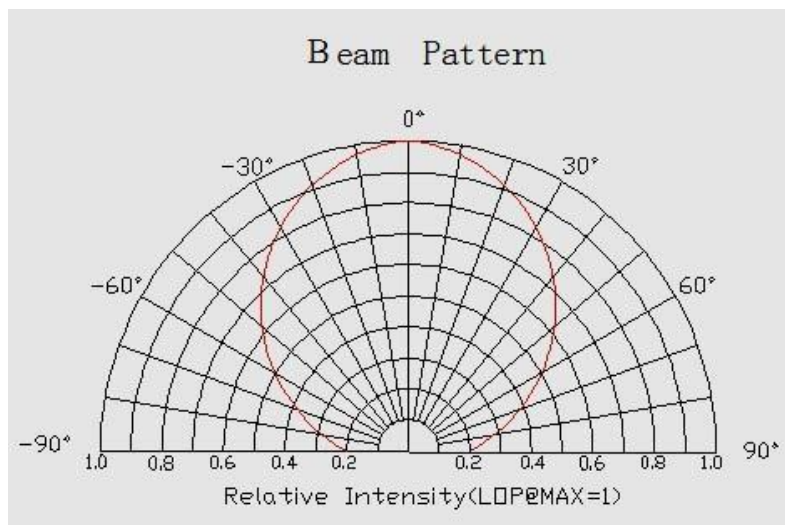
Luminous Flux (Lumen/Meter)	
Warm White	768 Lumen

Wave Length/ Color Temperature	(nm/k)
Warm White	4000 K

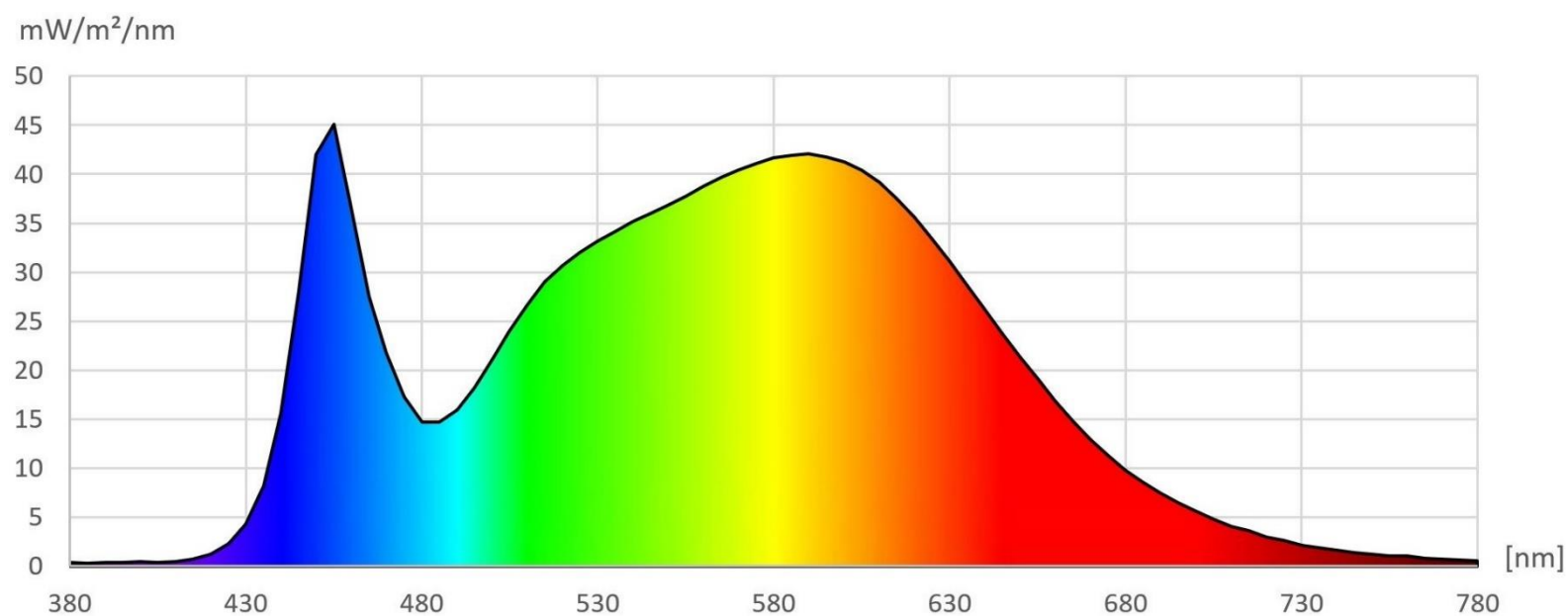
CIE1931:

Optical Characteristics Curve:





Wave Length:



The Materials of PCB:

Epoxy PCB with white finishing.
Conducting Tracks: Cu, 35um thickness, double sided.

Solderings:
Solder Alloy: 99.3 Sn, 0.7 Cu,
Melting Temperature: 227°C
No SVHC (17-Dec-2014)

Certificate of Conformity:

EC Council Directive 2004/108/EC
Electromagnetic Compatibility

Complies to the Standards:

- EN 55015: 2006 + A1: 2007 + A2: 2009
- EN 61000-3-2: 2006 + A1: 2009 + A2: 2009
- EN 61000-3-3: 2008
- EN 61547: 2009

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