

Datasheet

LED-strip specification

LED-strip type:
LS24NW140X2835WLX

Description:
**LuxaLight LED-strip 24V Neutral White Waterproof 2835
(24 Volt, 140 LEDs, 2835, IP68)**

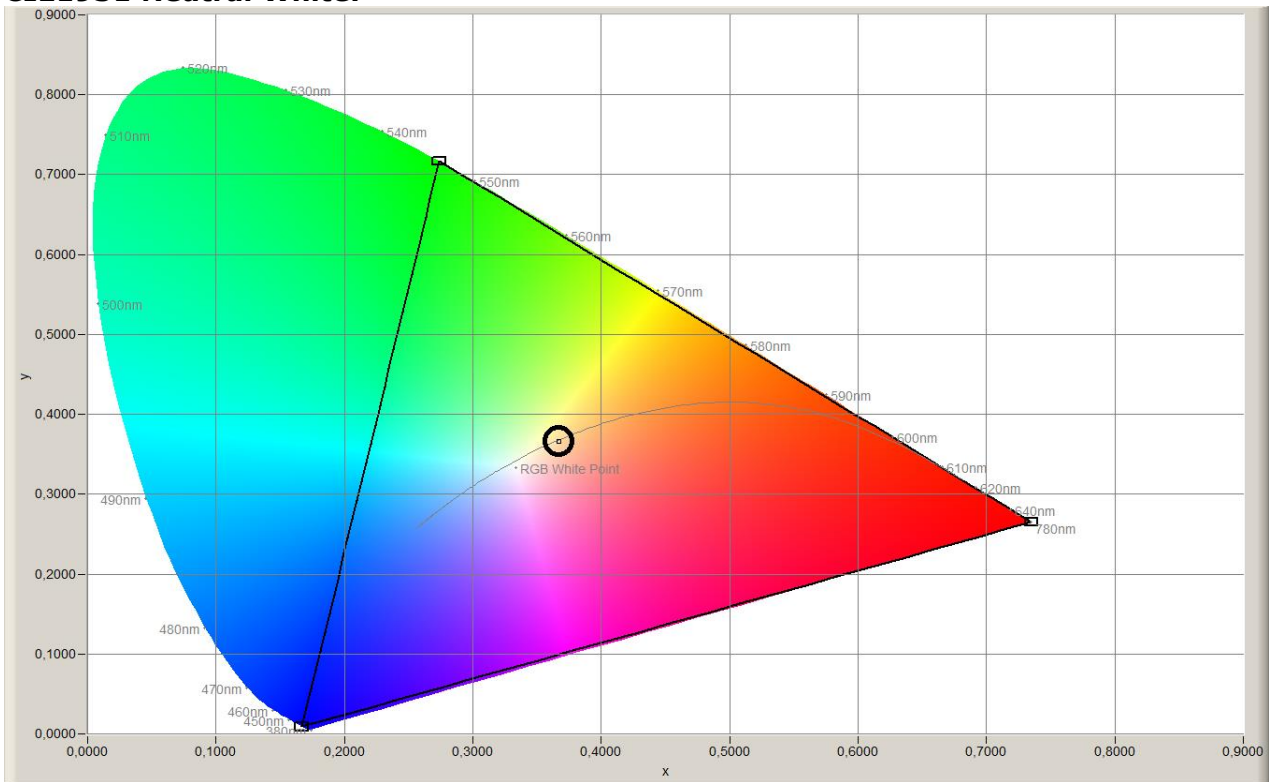


Date:
01-06-2023

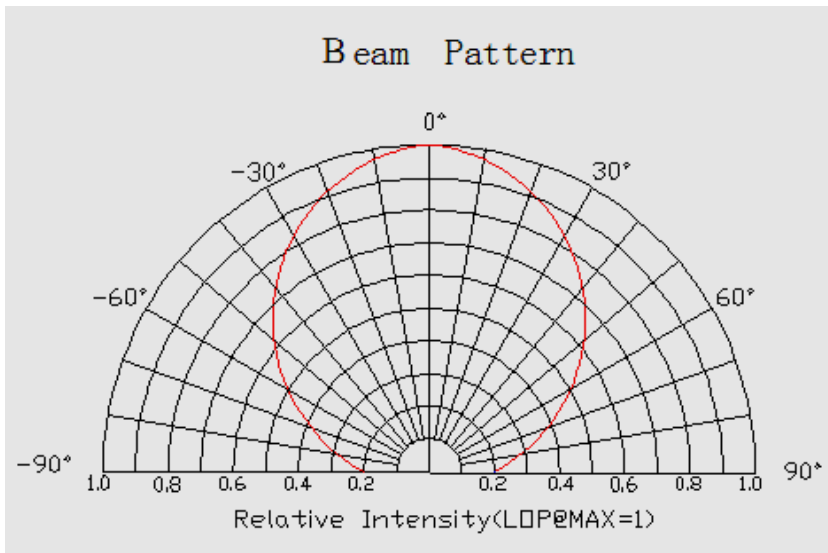
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Technical Specifications		
LS24NW140X2835WLX		
General	LED Type	2835 SMD
	LED Quantity	140 LEDs/m
	Dimensions	10000 * 10 * 3 (L x B x H)
	Weight	20 ~ 30g / meter
	Mounting	3M tape VHB4905
Environment	Working Temperature	-20°C ~ +70°C
	Storing Temperature	-20°C ~ +70°C
	IP Grade	IP68
	Mechanical Protection	Silicone coating
	Lifetime	70.000 Hours
	Warranty	5 Years
Electronic	Working Voltage	DC24V
	Working Current	1 A / Engine
	Working Wattage	24 W / Engine
	Driving Method	Constant Voltage
Lighting	Engine Colour Temperature (K)	4300K Neutral White
	Measured Colour temp. (at 60cm)	4310K
	Luminous Flux	≈ 3000 lm
	Viewing Angle (θ)	120 ±5°
	CRI	≥ 95 Ra
	LB Value	L90B50
	BIN	3 SDCM

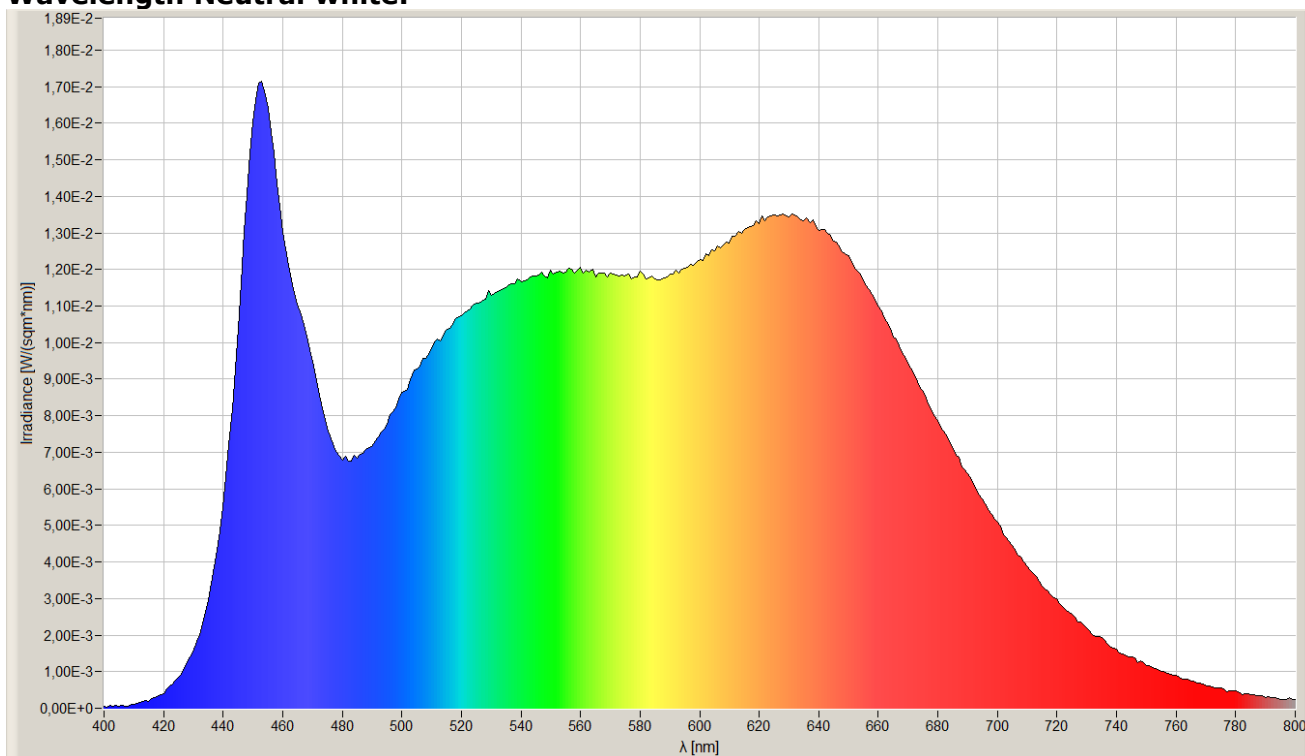
CIE1931 Neutral White:



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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