

Datasheet

LED-strip specification

LED-strip type:
LS24UV255X3535ILX

Description:
**LuxaLight ALU LED-strip 24V UV-C 255nm Indoor 3535
(24 Volt, 30 LEDs, 3535, IP20)**

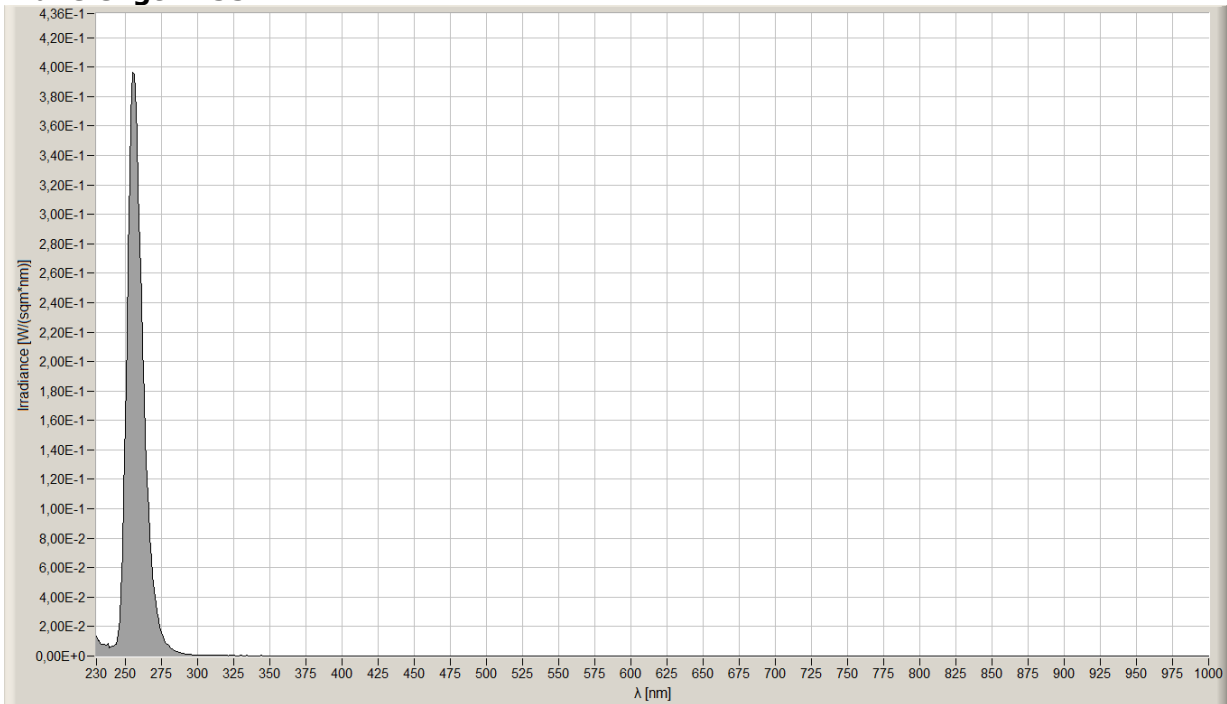


Date:
05-06-2023

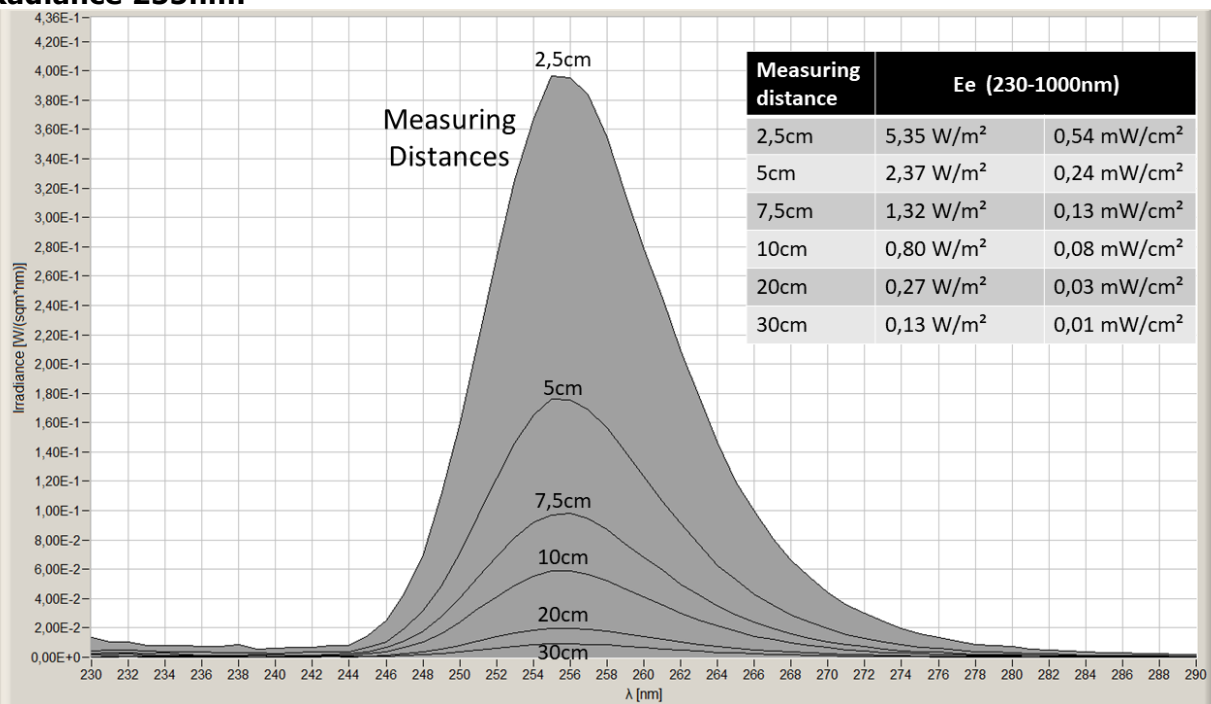
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Technical Specificaties			
LS24UV255X3535ILX			
General	LED Type	3535 SMD	
	LED Quantity	30 LEDs	
	Dimensions	500 * 10 * 2 (L x B x H)	
	Segment Length	50mm	
	LEDs / segment	3 LEDs	
	Weight	35 ~ 50g	
	Mounting	3M tape VHB4905	
Environment	Working Temperature	-20°C ~ +70°C	
	Storing Temperature	-20°C ~ +70°C	
	IP Grade	IP20	
	Mechanical Protection	N.A.	
Electronic	Working Voltage	DC24V	
	Working Current	0,02 A / Engine	
	Working Wattage	0,44 W / Engine	
	Driving Method	Constant Voltage	
Lighting	Engine Wavelength (nm)	255nm	
	Peak Measured Wavelength (10cm)	255nm	
	Total Radiance per distance 230nm - 1000nm (cm)	2,5	5,35 W/m ²
		5	2,37 W/m ²
		7,5	1,32 W/m ²
		10	0,8 W/m ²
		20	0,27 W/m ²
		30	0,13 W/m ²
	Peak Radiance per distance (255nm) (cm)	2,5	0,4 W/m ²
		5	0,18 W/m ²
		7,5	0,10 W/m ²
		10	0,06 W/m ²
		20	0,02 W/m ²
30		0,1 W/m ²	
Viewing Angle (θ)	120 ±5°		

Wavelength 255nm:



Radiance 255nm:



The Materials of PCB:

2mm Thick Aluminium

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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