

Datasheet

LED-strip specification

LED-strip type:
LS24UV300X3535ILX

Description:
**LuxaLight ALU LED-strip 24V UV-B 300nm Indoor 3535
(24 Volt, 30 LEDs, 3535, IP20)**

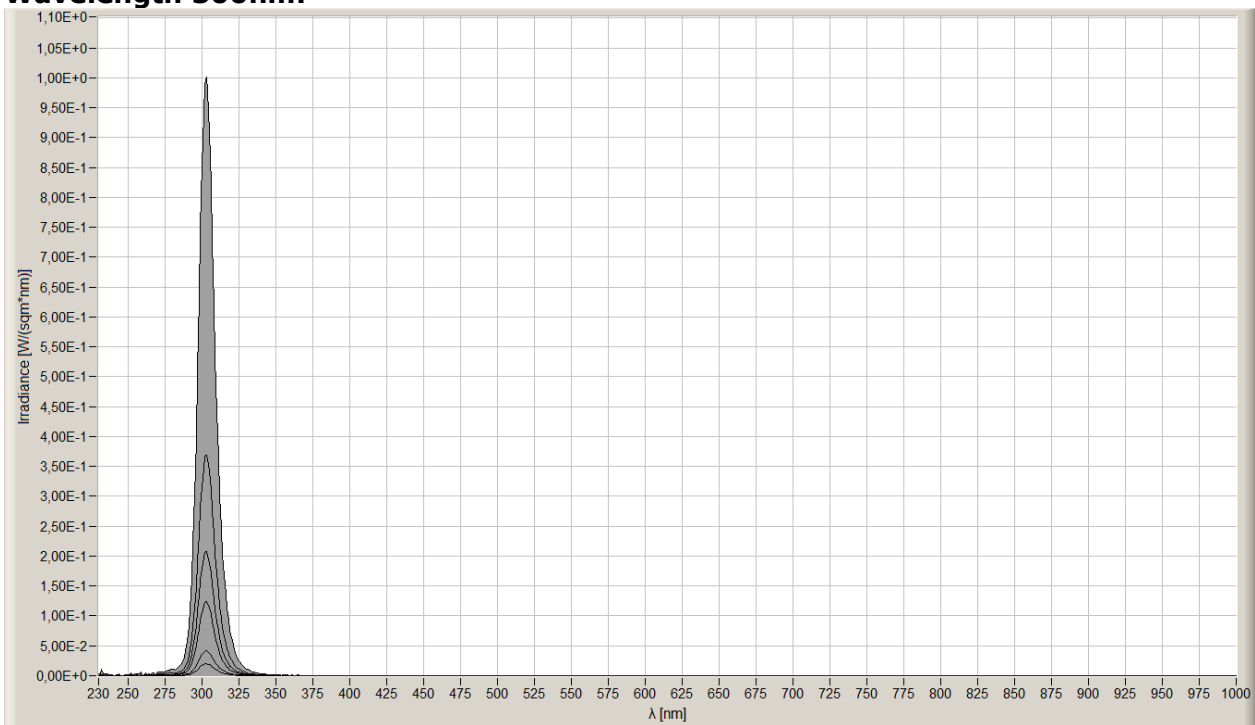


Date:
06-06-2023

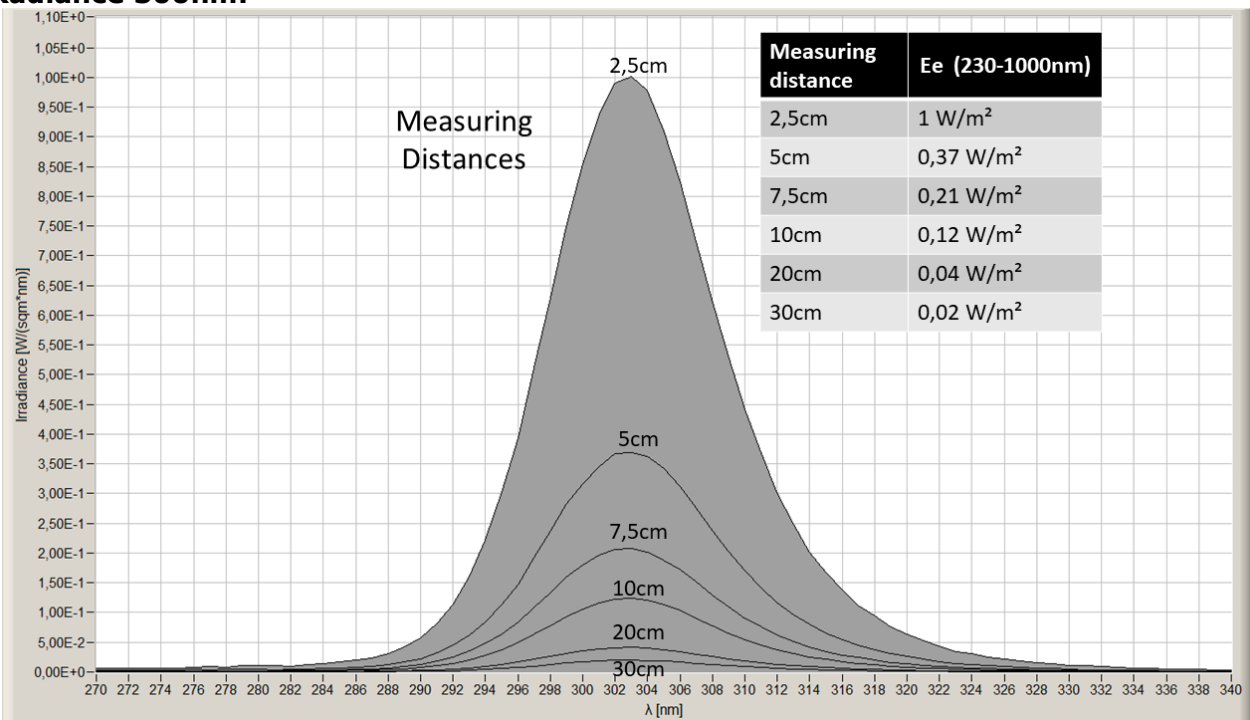
Page 1 of 4

Technical Specificaties			
LS24UV300X3535ILX			
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)	300nm	
	Peak Measured Wavelength (10cm)	303nm	
	Total Radiance per distance 230nm - 1000nm (cm)	2,5	14,5 W/m ²
		5	5,52 W/m ²
		7,5	3,07 W/m ²
		10	1,82 W/m ²
		20	0,61 W/m ²
		30	0,29 W/m ²
	Peak Radiance per distance (303nm) (cm)	2,5	1 W/m ²
		5	0,37 W/m ²
		7,5	0,21 W/m ²
		10	0,12 W/m ²
		20	0,04 W/m ²
30		0,02 W/m ²	
Viewing Angle (θ)		120 ±5°	

Wavelength 300nm:



Radiance 300nm:



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

While LuxaLight has made every reasonable effort to ensure the accuracy of the information in this brochure, LuxaLight does not guarantee that it is error-free, nor does LuxaLight make any other representation, warranty or guarantee that the information is accurate, correct, reliable or current. LuxaLight reserves the right to make any adjustments to the information contained herein at any time without notice. LuxaLight expressly disclaims all implied warranties regarding the information contained herein, including, but not limited to, any implied warranties of merchantability or fitness for a particular purpose. The dimensions in this catalogue are for reference purposes only and are subject to change without notice. Specifications are subject to change without notice. Consult LuxaLight for the latest dimensions and design specifications.