

Datasheet

LuxaLight ALU LED-strip 24V UV-B 300nm (24 Volt, 30 LEDs, 3535, IP20,50cm)

LS24UV300X3535ILX

Version: 2025-03-28.1

Technical specifications

General

Brand	LuxaLight
Application	Disinfection
LEDs / meter	60
LED type	3535
Length per segment	50 mm
LED strip width	10.00 mm
LED strip thickness	2.00 mm
PCB color	White
Dimensions	500 × 10 × 2 mm
LEDs per piece	30.00

Lighting

Radiance	3,5 mW/nm
Wave length UV	300
Beam angle	120 °

Measurement results

Irradiance	Value	Measuring distance
	14,5 W/m2	25 mm
	5,52 W/m2	50 mm
	3,07 W/m2	75 mm
	1,82 W/m2	100 mm
	0,61 W/m2	200 mm
	0,29 W/m2	300 mm

Electronics

Working voltage	24V	
Current per piece	0.02 A / piece	
Power consumption per piece	0.52 W / piece	
PCB material	Aluminium	
Pinout	Symbol	Function
	V+	V+
	GND	Ground
	NTC	NTC sensor
	NTC_GND	NTC ground

Environmental

Operating temperature	-20 ~ +60 °C
Storage temperature	-40 ~ +80 °C

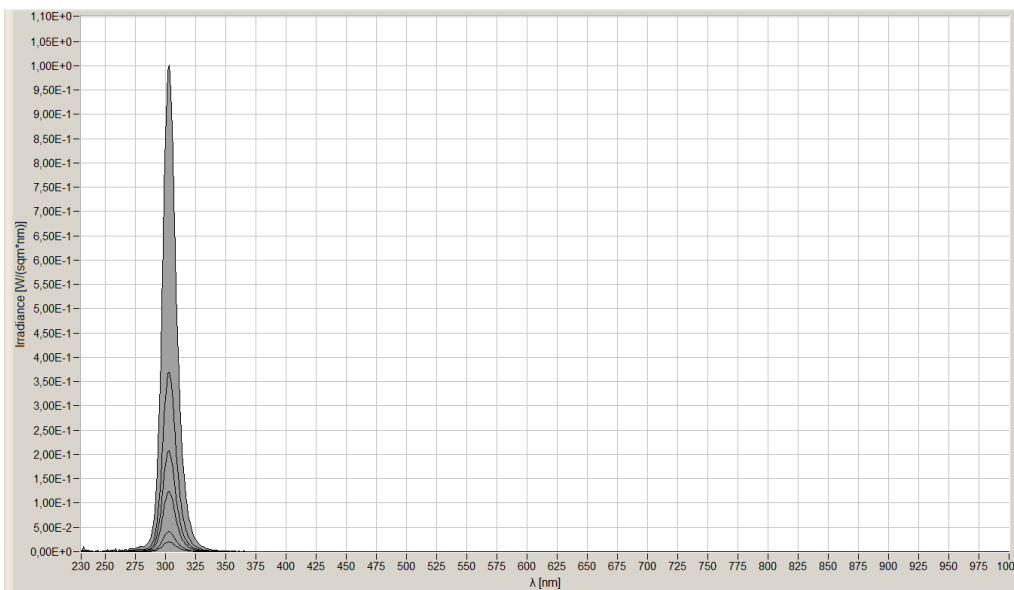
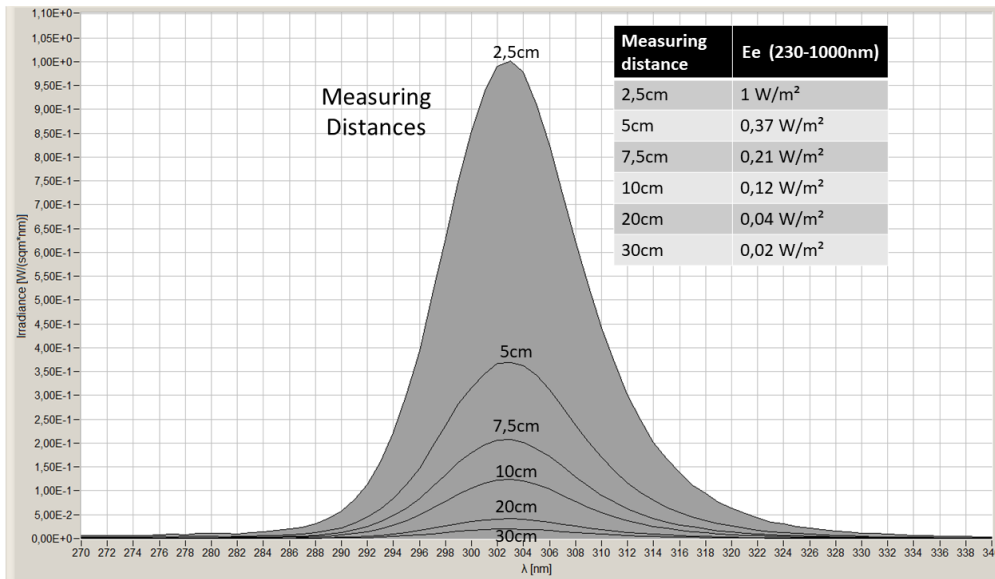
IP class IP 20

Directives - standards - certificates

Directives RoHS
CE

Safety standards EN60598-1
EN62031
IEC62471

Measurement results



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