

Datasheet

Zirqle LED Engine UV-A 365nm Protected (24 Volt, 108 LEDs, 2835, IP64)

LE-24-365-108X2835PZQ

Version: 2025-02-05.2

Technical specifications

General

Brand	Zirqle
Application	Curing & Aging Machine Vision UV Inspection
LED type	2835
PCB color	White
Material	Aluminum
Dimensions	200 × 20 × 2 mm
Mounting	3M tape VHB4905
LEDs per piece	108.00

Measurement results

Peak irradiance (Object size: 1 piece)

	24V
2.5cm	49.5616 W/sqm
5cm	19.4167 W/sqm
7.5cm	11.8687 W/sqm
10cm	7.59284 W/sqm
20cm	2.32744 W/sqm
30cm	1.08547 W/sqm

Total irradiance (Object size: 1 piece)

	24V
2.5cm	634.8 W/sqm
5cm	274.7 W/sqm
7.5cm	162.9 W/sqm
10cm	102.2 W/sqm
20cm	31.66 W/sqm
30cm	14.81 W/sqm

Electronics

Working voltage	24V
Current per piece	1.25 A / piece
Power consumption per piece	30.00 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 64

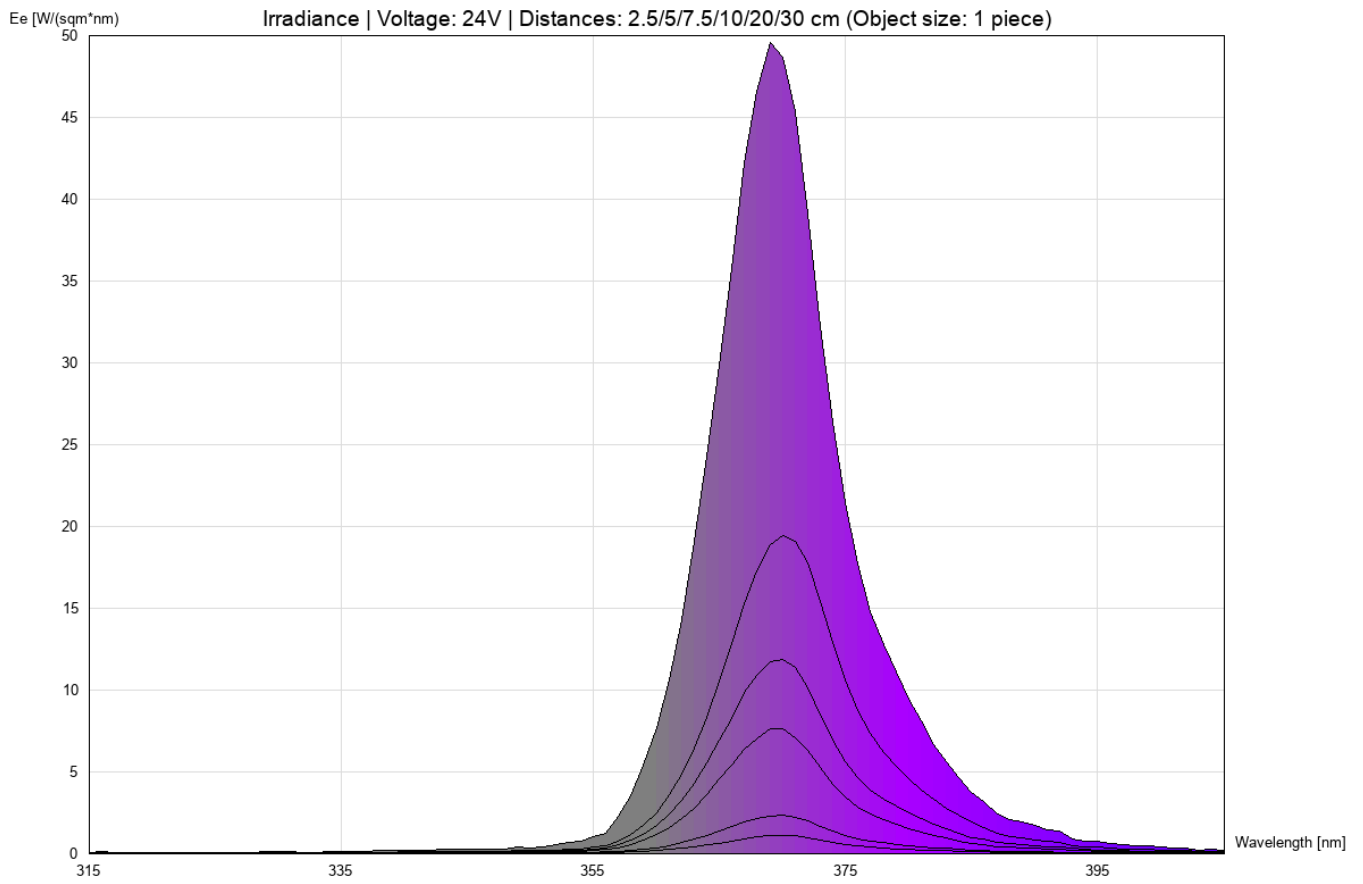
Directives - standards - certificates

Directives RoHS
CE

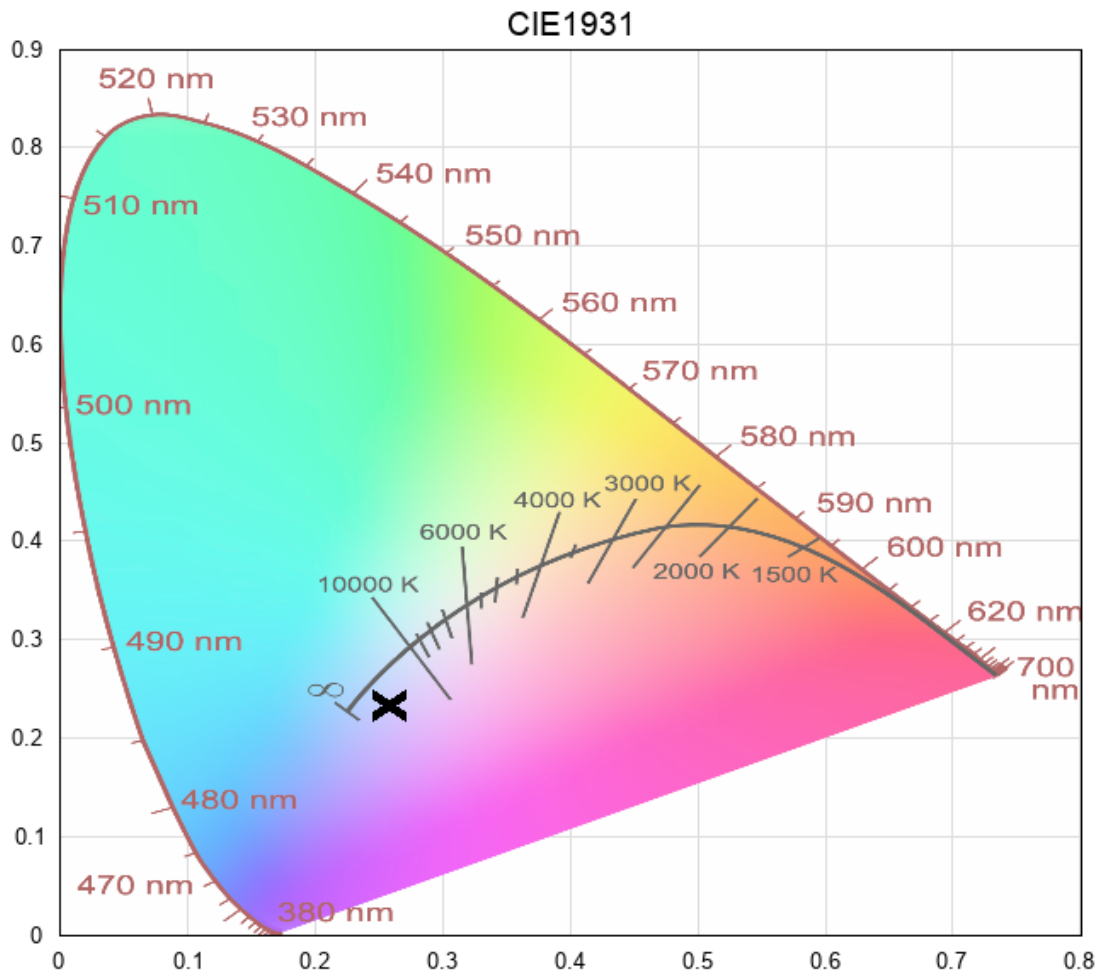
Safety standards EN60598-1
EN62031
IEC62471

Measurement results

irradiance - 315-405-uv-a (24V)



cie1931



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