

Datasheet

Zirqle UV LED-strip 365nm Protected (24 Volt, 240 LEDs, 2835, IP64)

LS24UV240X2835PZQ

Version: 2025-02-18.1

Technical specifications

General

Brand	Zirqle
Application	Curing & Aging Machine Vision UV Inspection
LEDs / meter	240
LED type	2835
Length per reel	5 m
Length per segment	25 mm
LED strip width	10.00 mm
LED strip thickness	4.00 mm
PCB color	White
Mounting	3M tape VHB4905

Measurement results

Peak irradiance (Object size: 1 piece)		24V
	2.5cm	9.77583 W/sqm
	5cm	3.50772 W/sqm
	7.5cm	2.36011 W/sqm
	10cm	1.47214 W/sqm
	20cm	0.465732 W/sqm
	30cm	0.230312 W/sqm

Total irradiance (Object size: 1 piece)		24V
	2.5cm	129.8 W/sqm
	5cm	45.65 W/sqm
	7.5cm	30.8 W/sqm
	10cm	19.19 W/sqm
	20cm	6.007 W/sqm
	30cm	2.99 W/sqm

Electronics

Working voltage	24V						
Current / meter	1.00 A / meter						
Power consumption per meter	24.00 W / meter						
PCB material	Copper						
Pinout	<table border="1"> <thead> <tr> <th>Symbol</th> <th>Function</th> </tr> </thead> <tbody> <tr> <td>V+</td> <td>V+</td> </tr> <tr> <td>GND</td> <td>Ground</td> </tr> </tbody> </table>	Symbol	Function	V+	V+	GND	Ground
Symbol	Function						
V+	V+						
GND	Ground						

Environmental

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

IP class IP 64

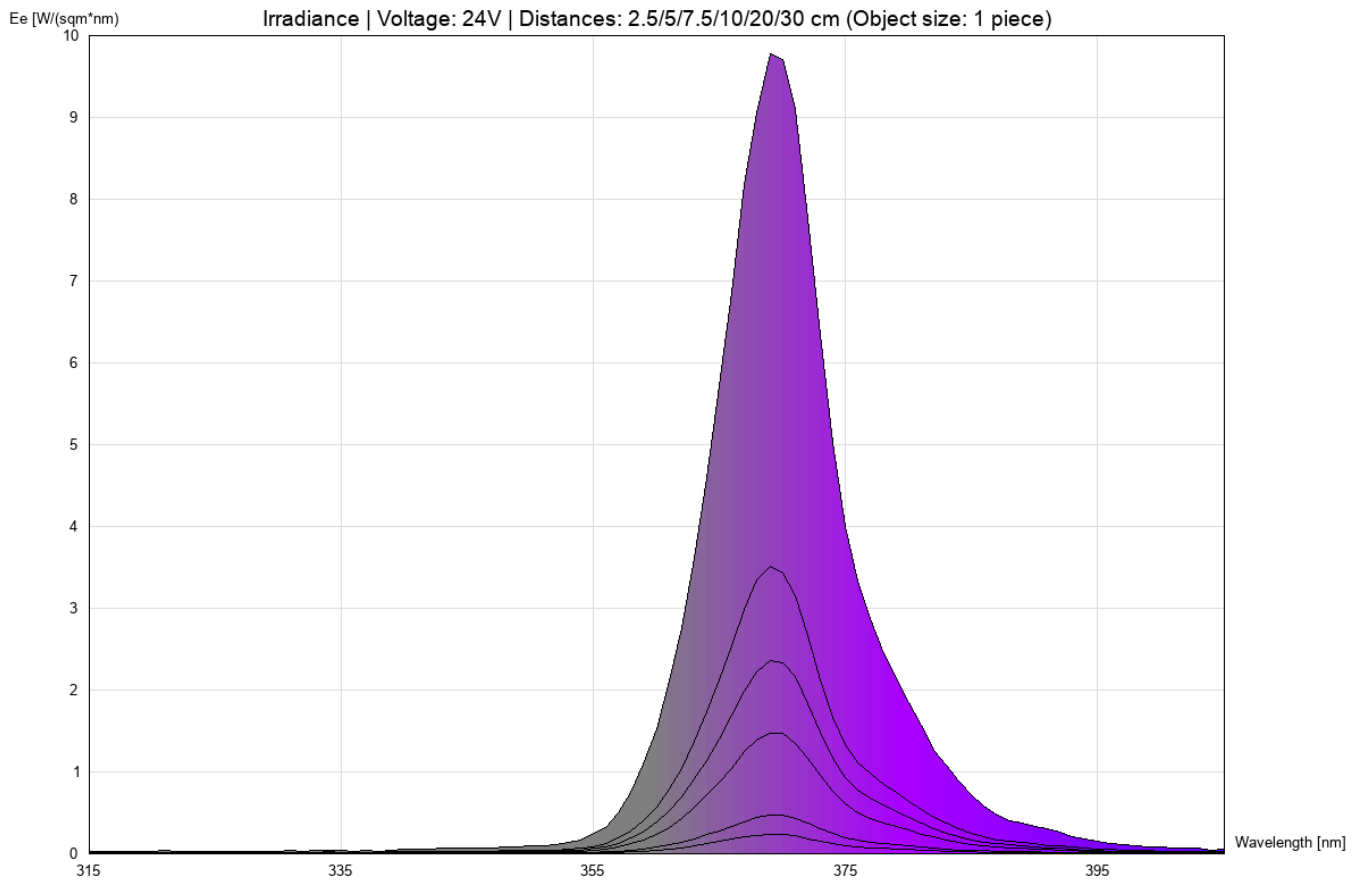
Directives - standards - certificates

Directives RoHS
CE

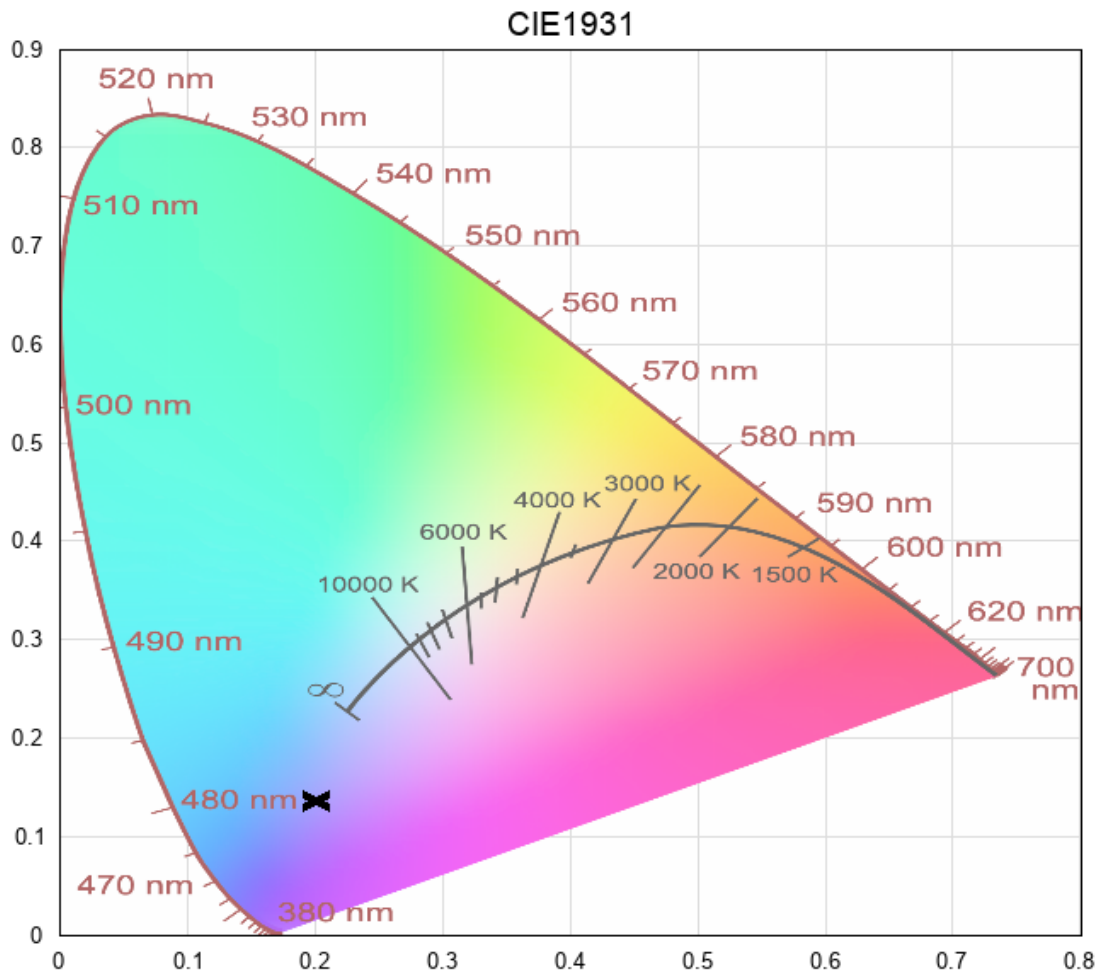
Safety standards EN60598-1
EN62031
IEC62471

Measurement results

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



cie1931



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