

Datasheet

LuxaLight Industrial LED Fixture Transparent IP68 RGBW 24.2x16mm (24 Volt, 5050, IP68)

LF-24-RGBW-24.2X16-PU

Version: 2025-03-28.1

Technical specifications

General													
Brand	LuxaLight												
Application	Horticulture												
LED type	5050												
Material	Aluminum												
Dimensions	220 × 24,2 × 16 mm												
Mounting	Surface mounted												
Cover type	Polyurethane												
LEDs per piece	36.00												
Lighting													
Color temperature	2650 K												
CRI	≥ 95												
Wave length Red	620 ~ 630 nm												
Wave length Green	510 ~ 520 nm												
Wave length Blue	450 ~ 460 nm												
BIN	3 SDCM												
Beam angle	120 °												
LB waarde	L80B50												
Measurement results													
<ul style="list-style-type: none"> • By combining Pulse Mode with Real-Time Monitoring, the efficiency of LED systems can be increased, resulting in higher output. • We have the expertise and equipment to perform measurements tailored to the specific requirements of the application. 													
Electronics													
Working voltage	24V												
Current per piece	0.40 A / piece												
Power consumption per piece	9.60 W / piece												
PCB material	Aluminium												
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>R</td> <td>Red channel</td> </tr> <tr> <td>G</td> <td>Green channel</td> </tr> <tr> <td>B</td> <td>Blue channel</td> </tr> <tr> <td>W</td> <td>White channel</td> </tr> </tbody> </table>	Symbol	Function	V+	V+	R	Red channel	G	Green channel	B	Blue channel	W	White channel
Symbol	Function												
V+	V+												
R	Red channel												
G	Green channel												
B	Blue channel												
W	White channel												
NTC parameters	Resistance: 5000 Ohm Beta value: 3950												
Environmental													
Operating temperature	-20 ~ +60 °C												

Storage temperature -40 ~ +80 °C

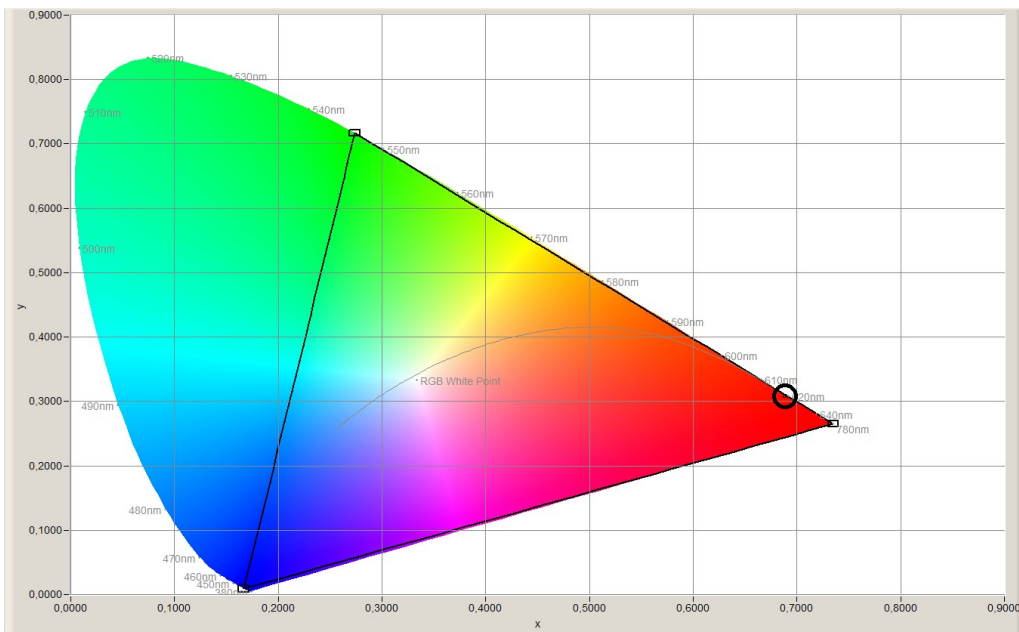
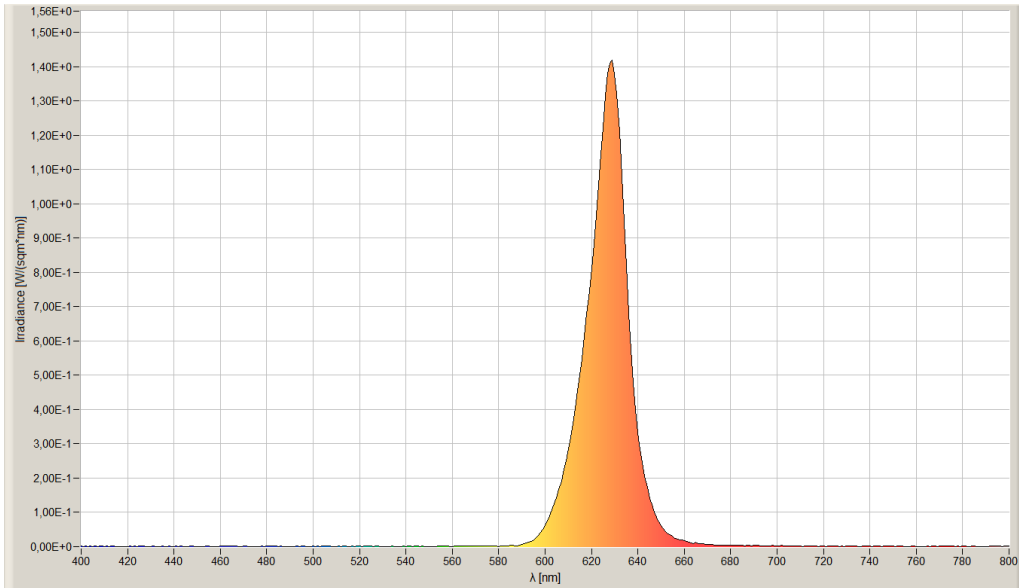
IP class IP 68

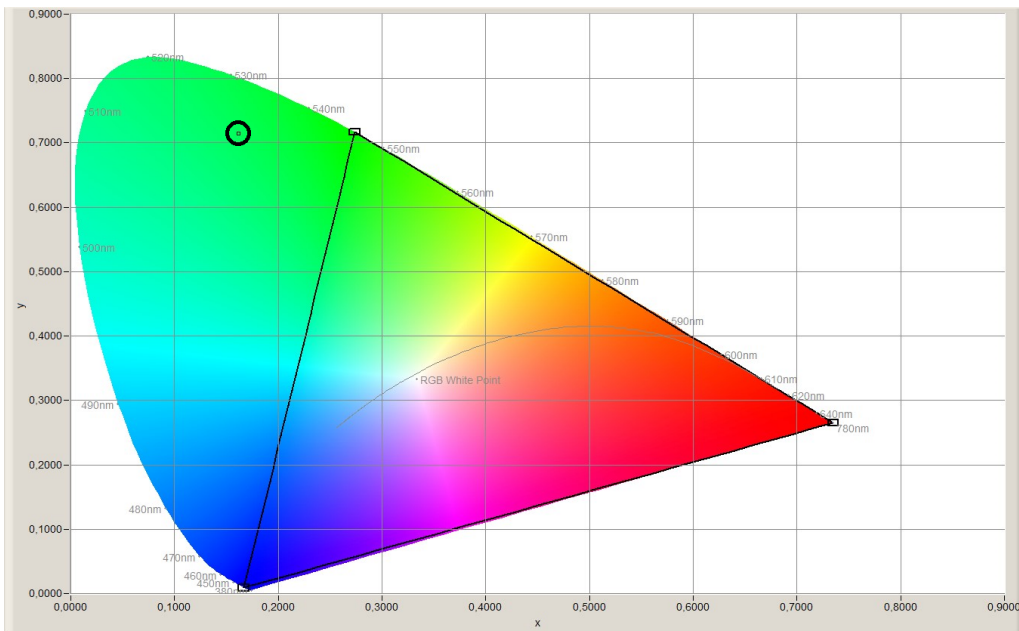
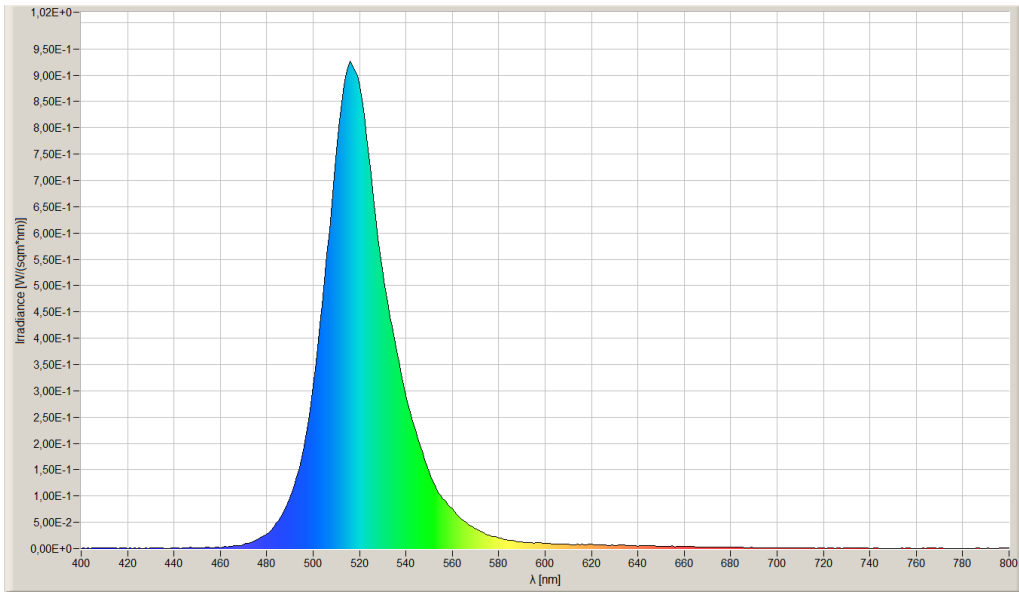
Directives - standards - certificates

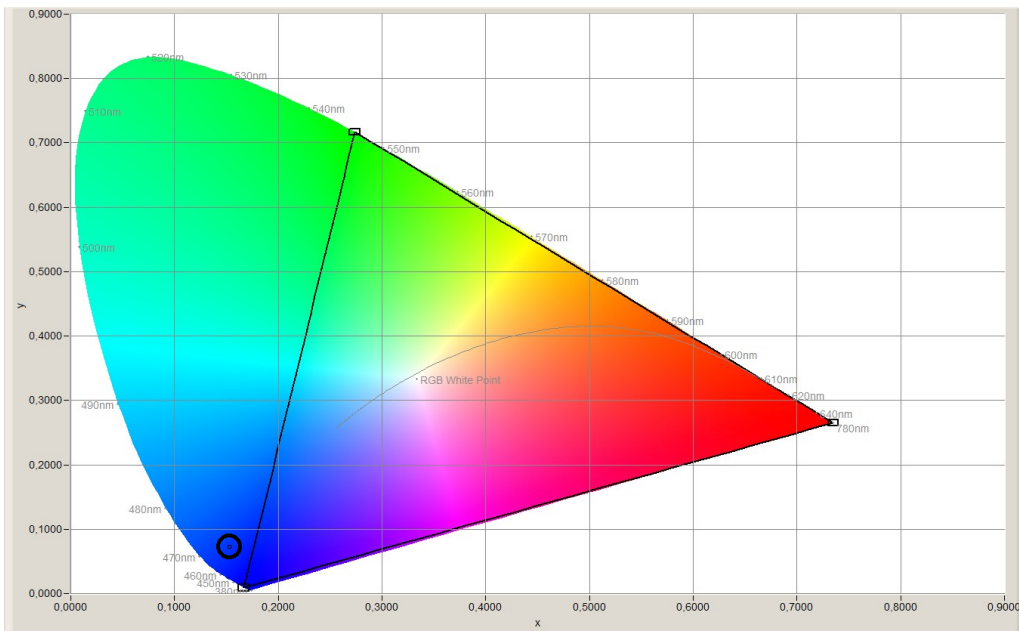
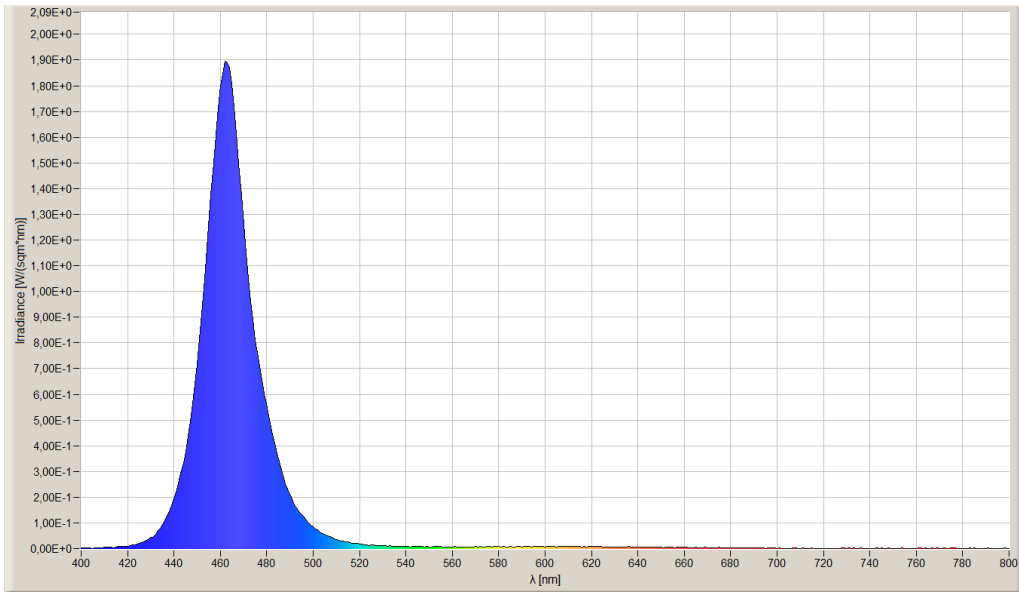
Directives RoHS
CE

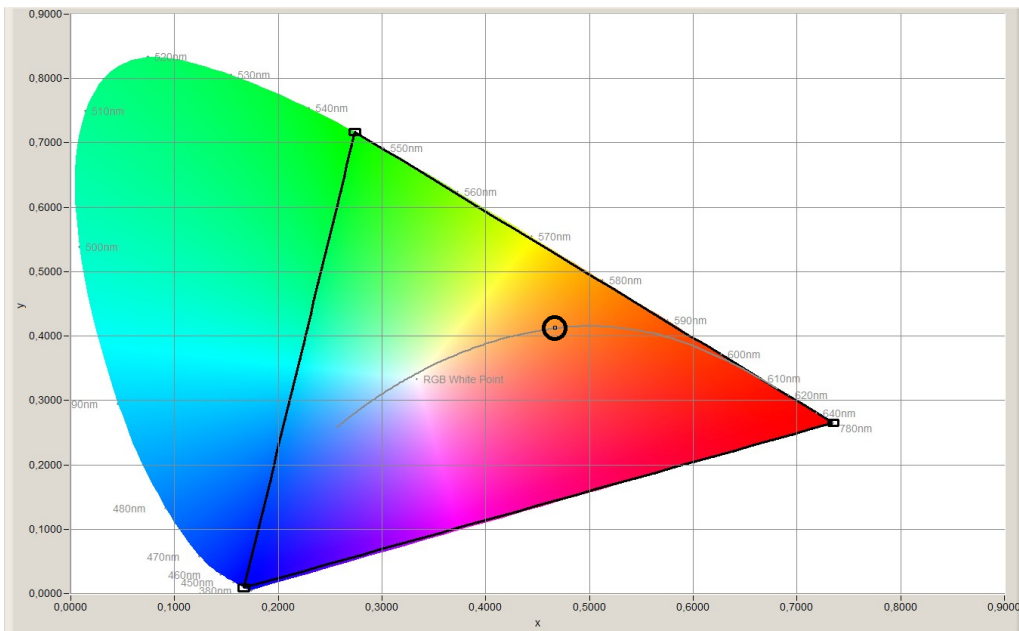
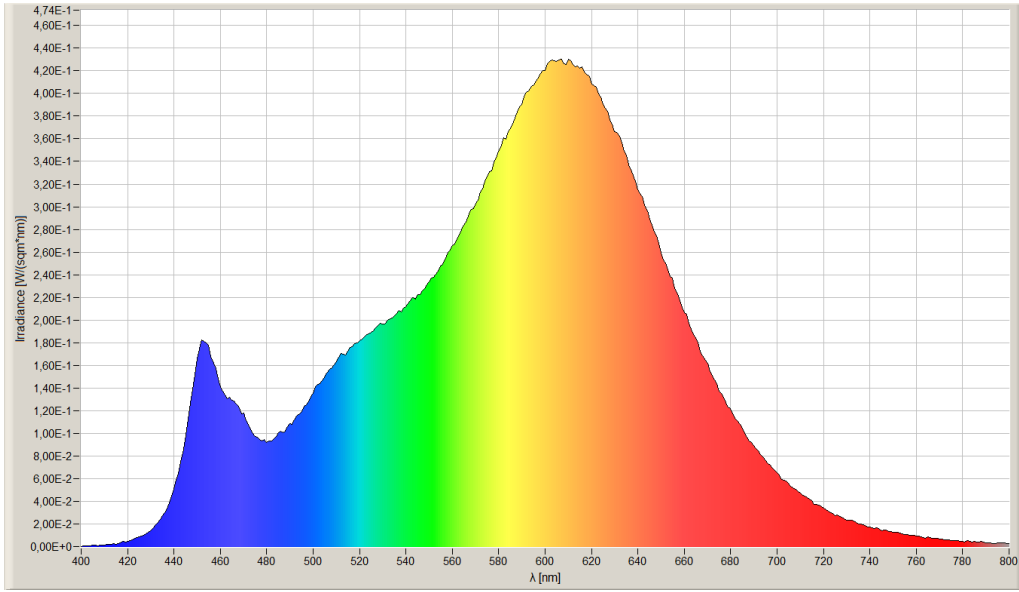
Safety standards EN60598-1
IEC62471
EN62031

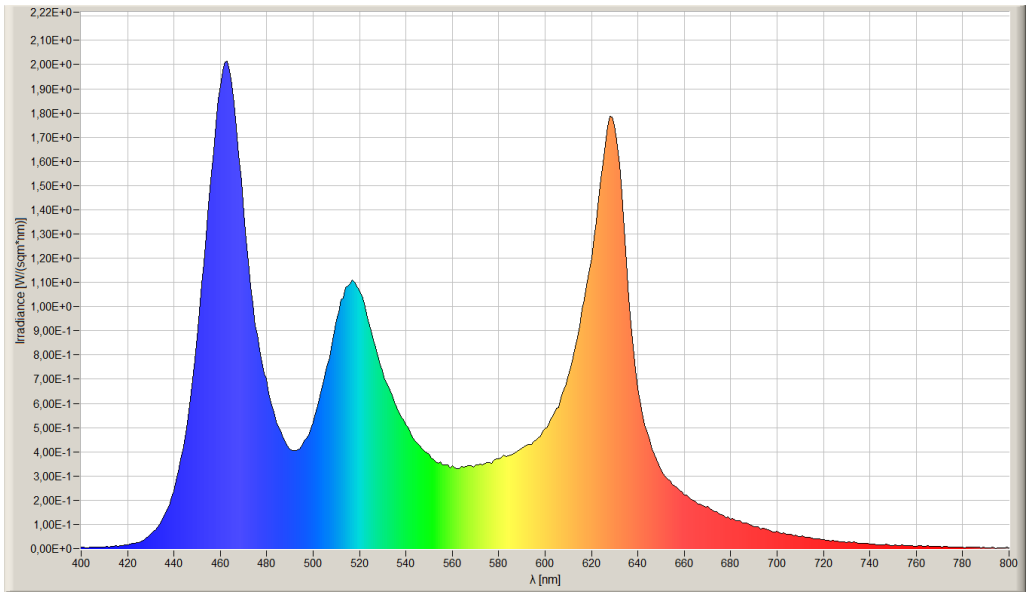
Measurement results











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