

Datasheet

LuxaLight LED Engine RGBW Protected (24 Volt, 36 LEDs, 5050, IP64)

LE-24-RGBW-36X5050PLX

Version: 2025-03-28.1

Technical specifications

General														
Brand	LuxaLight													
Application	Horticulture													
LED type	5050													
LED strip width	20.00 mm													
LED strip thickness	2.00 mm													
PCB color	White													
Dimensions	200 × 20 × 2 mm													
Mounting	3M tape VHB4905													
Warranty	5 years													
LEDs per piece	36.00													
Lighting														
Color temperature	2600 ~ 2800 K													
Wave length Red	620~630 nm													
Wave length Green	510 ~ 520 nm													
Wave length Blue	450 ~ 460 nm													
BIN	3 SDCM													
Beam angle	120 °													
Electronics														
Working voltage	24V													
Current per piece	0.40 A / piece													
Power consumption per piece	9.60 W / piece													
PCB material	Aluminium													
Pinout	<table><tr><th>Symbol</th><th>Function</th></tr><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></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 64													
Directives - standards - certificates														

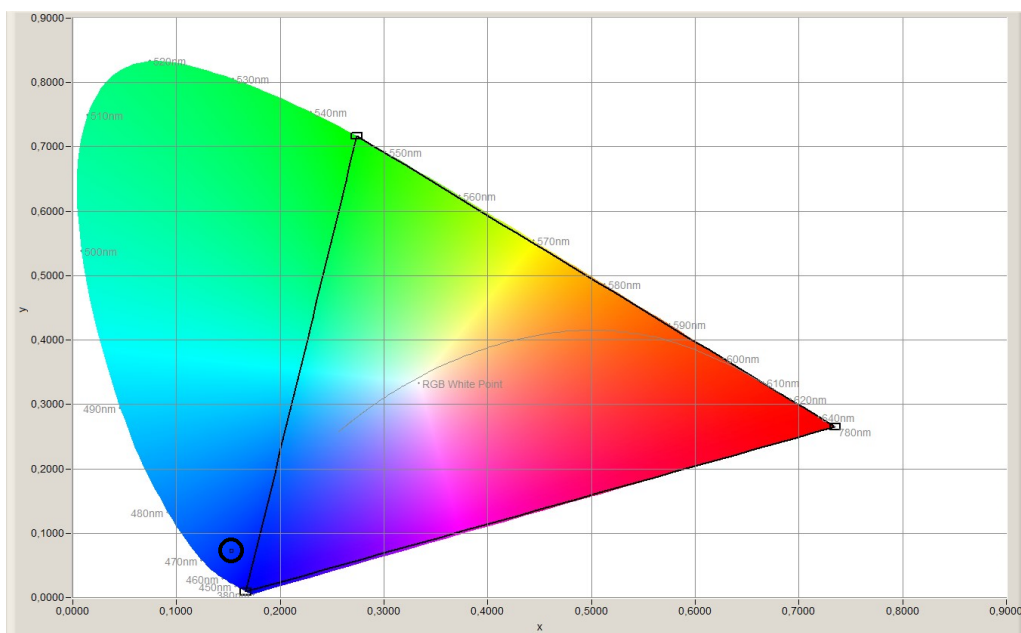
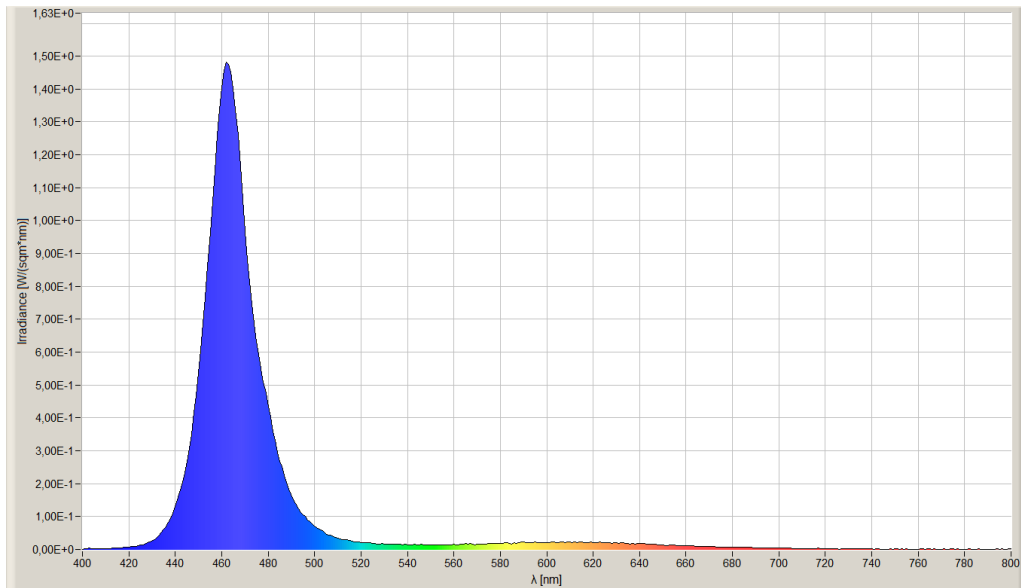
Directives

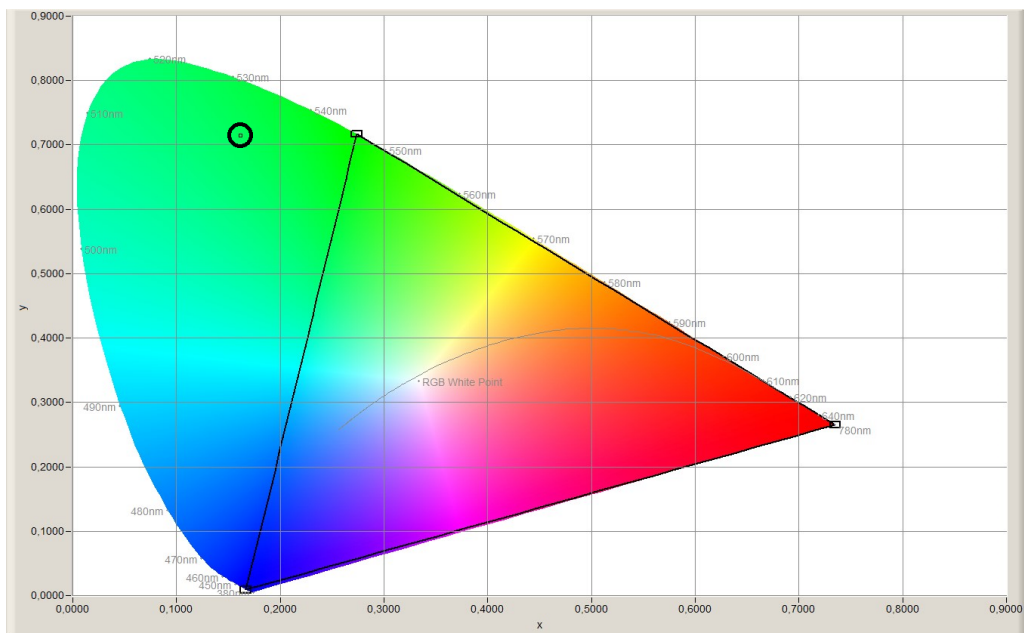
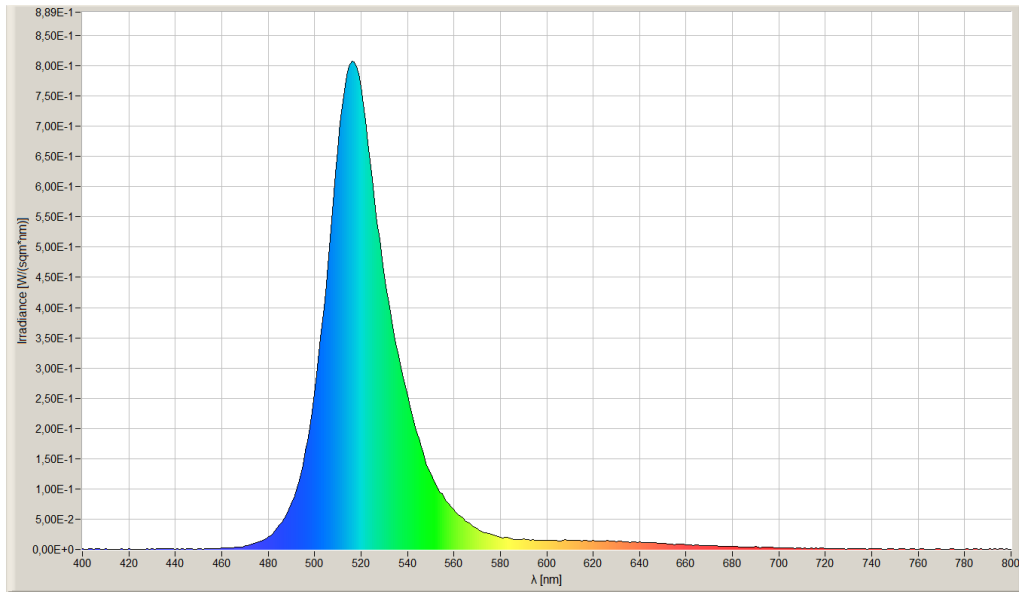
RoHS
CE

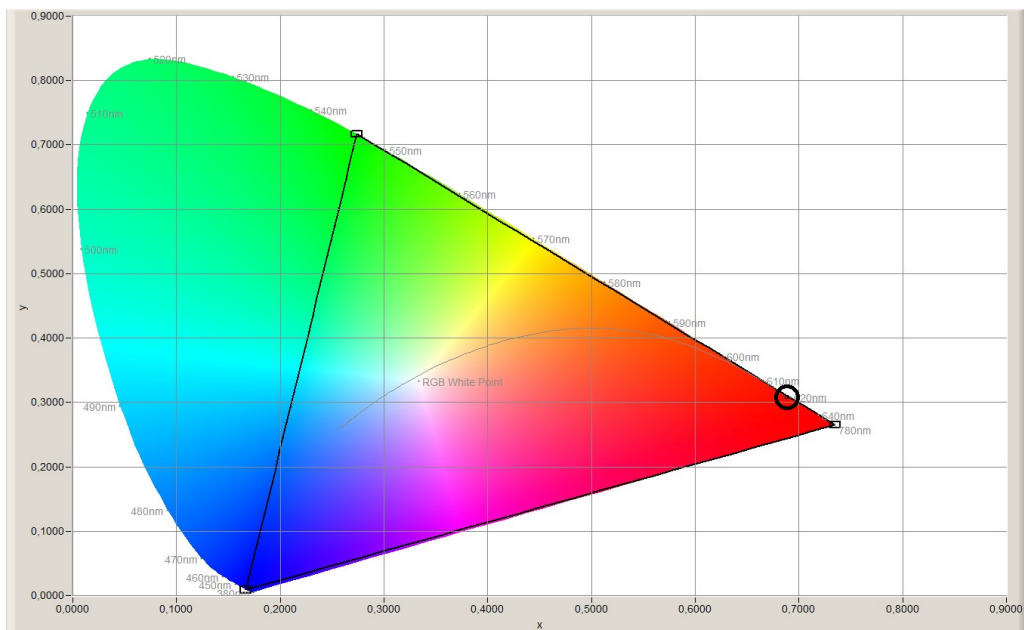
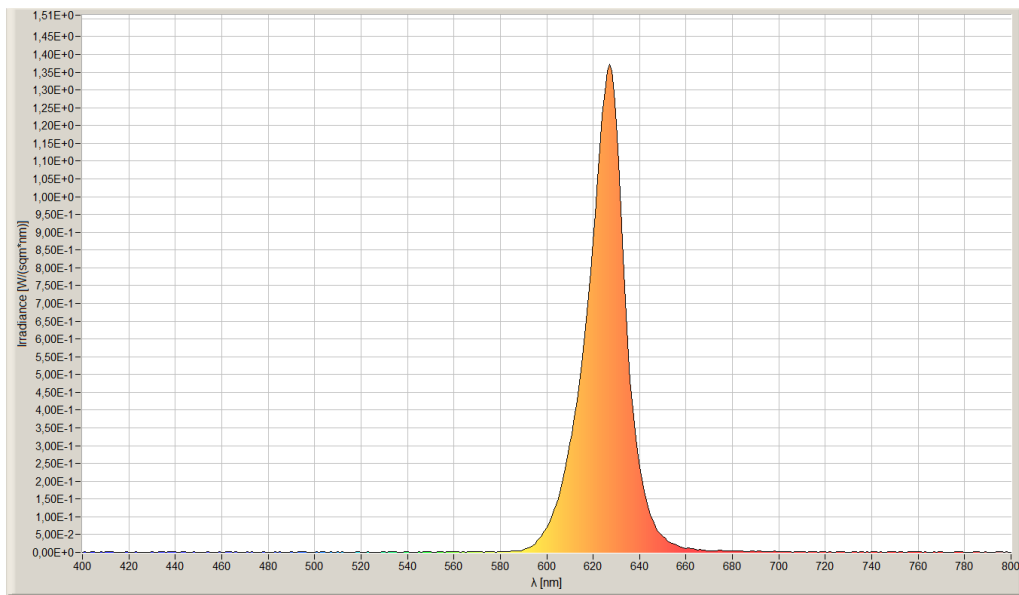
Safety standards

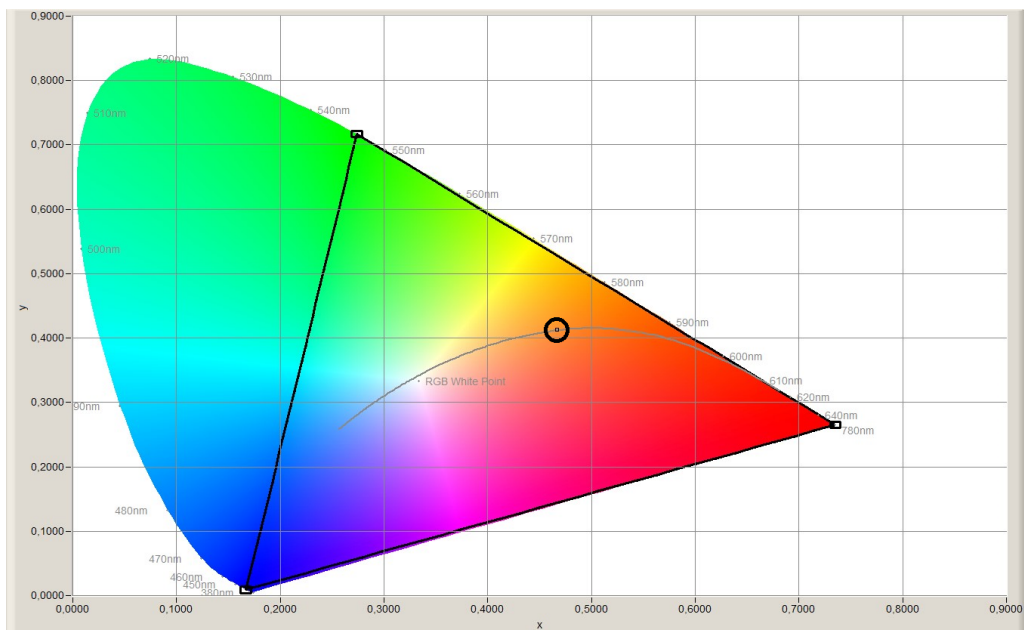
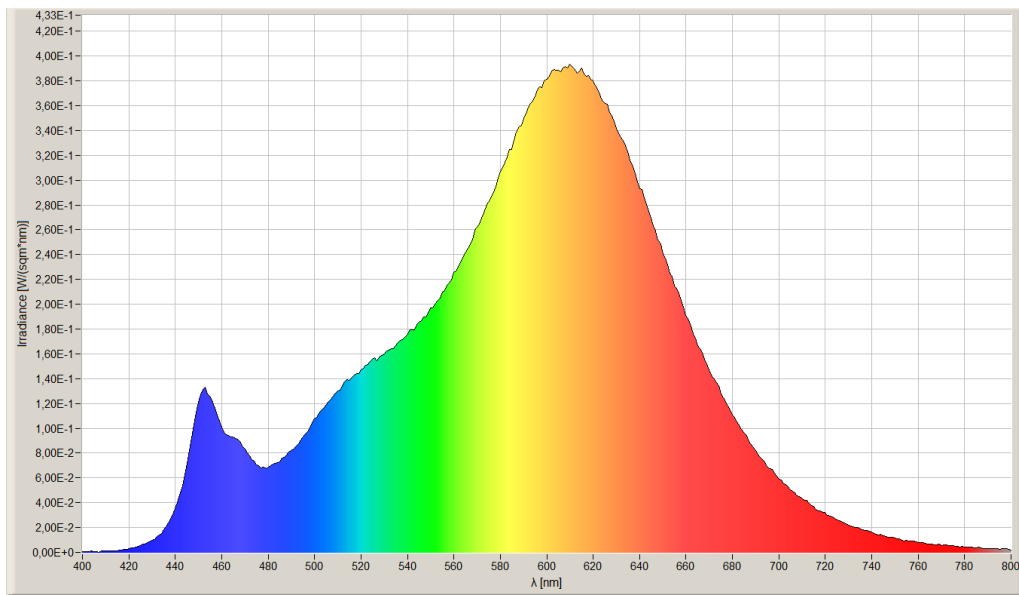
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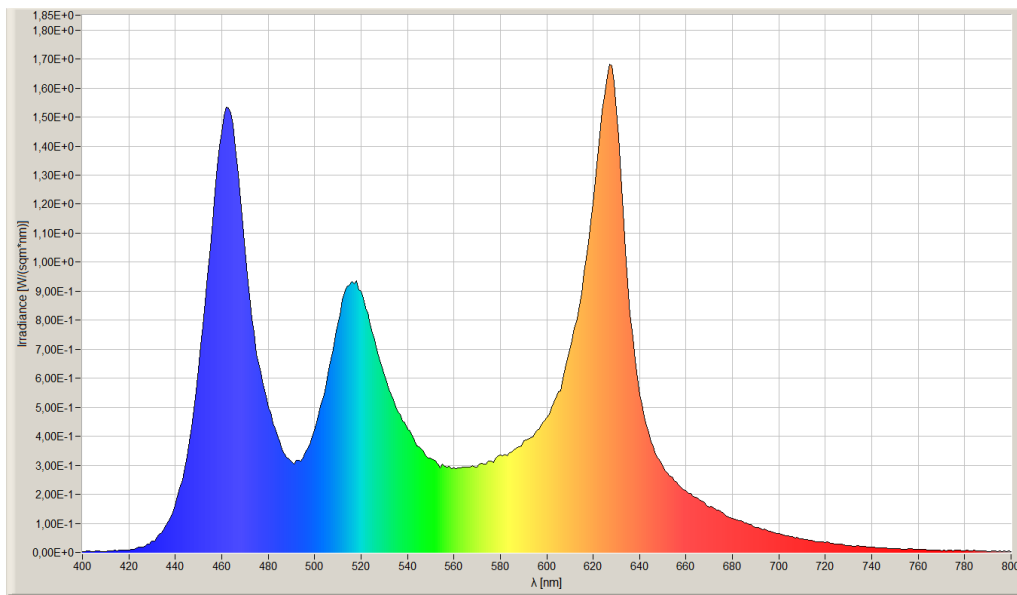
Measurement results











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