

Datasheet

LuxaLight Aluminium Science Panel White, Green, Blue, Far Red, Deep Red, UV-A 365nm protected (24V, 2835, 630 LEDs, IP64)

LP-24-SP-2835PLX

Version: 2025-03-28.1

Technical specifications

General

Brand	LuxaLight
Application	Horticulture Hyper - spectral Imaging Machine Vision UV Inspection
LED type	2835
PCB color	White
Dimensions	330 × 330 × 8 mm
LEDs per piece	630.00

Lighting

Color temperature	4100 ~ 4300 K
CRI	≥ 90
Radiance	365nm 7.7 Watt
Wave length Green	515 nm
Wave length Blue	450 nm
Wave length Deep Red	650 nm
Wave length Far Red	730 nm
Wave length UV	365 nm
Beam angle	120 °
LB waarde	L90B20

Electronics

Working voltage	24V
Current per piece	4.15 A / piece
Power consumption per piece	99.60 W / piece
PCB material	Aluminium
NTC parameters	Resistance: 5000 Ohm Beta value: 3950

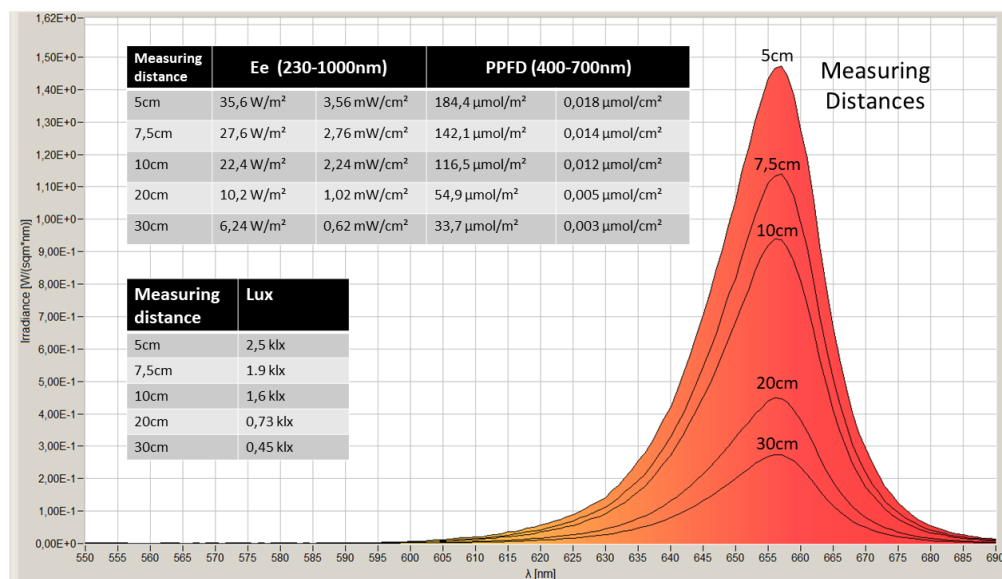
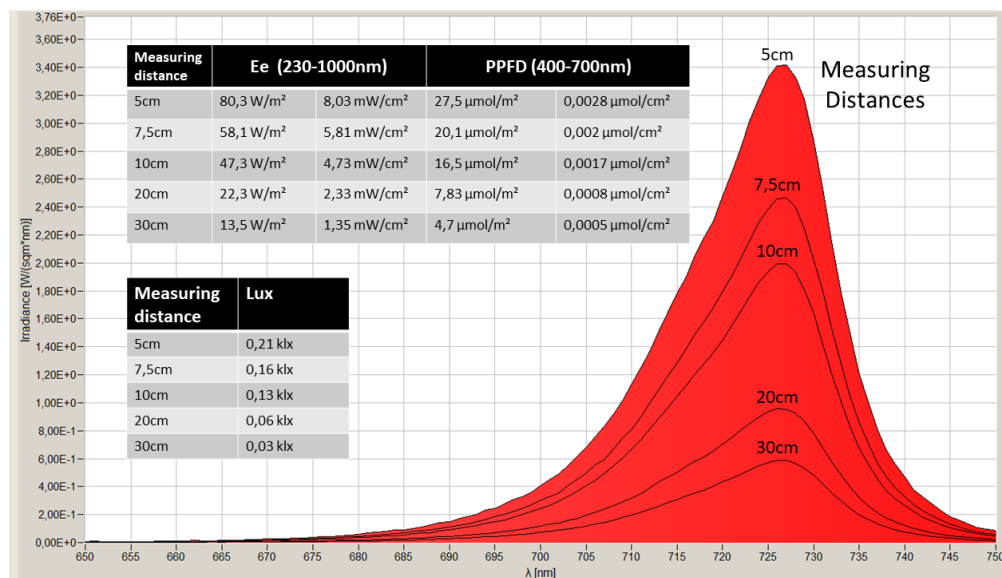
Environmental

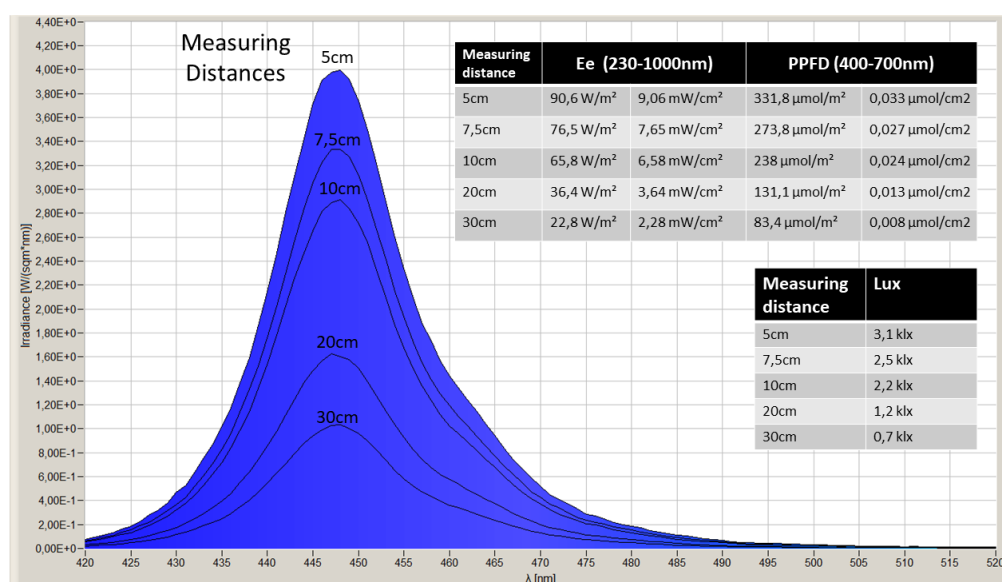
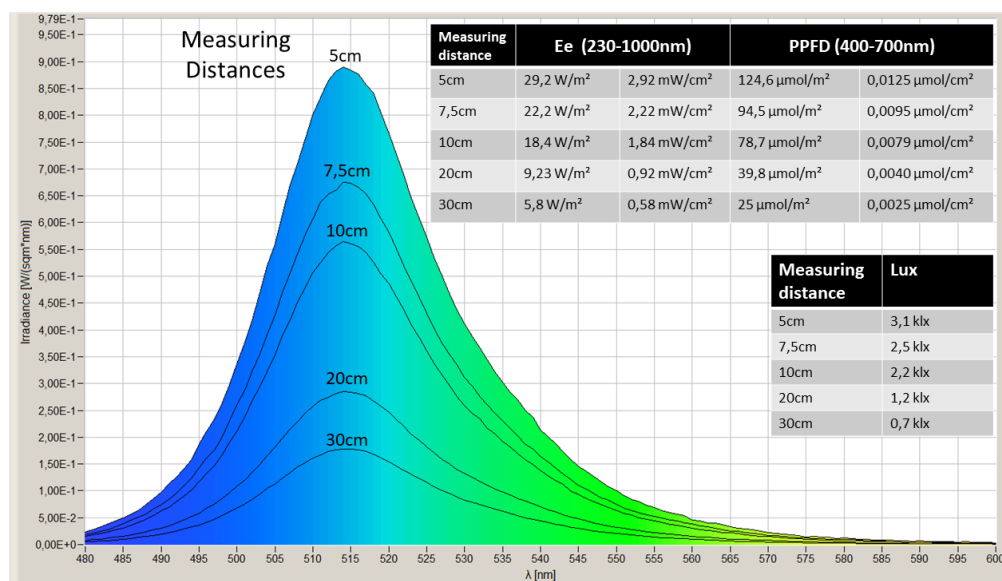
Operating temperature	-20 ~ +60 °C
Storage temperature	-40 ~ +80 °C
IP class	IP 64

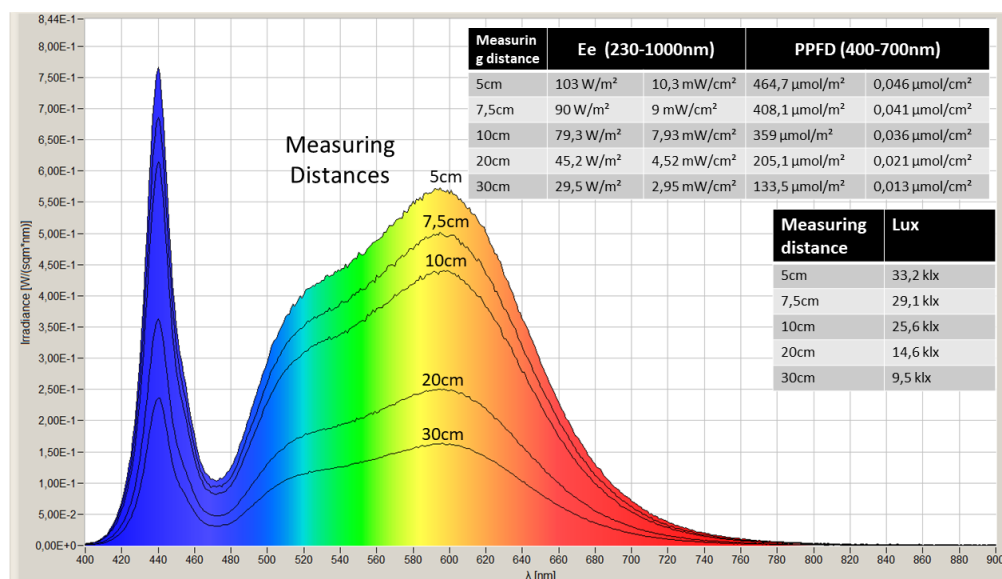
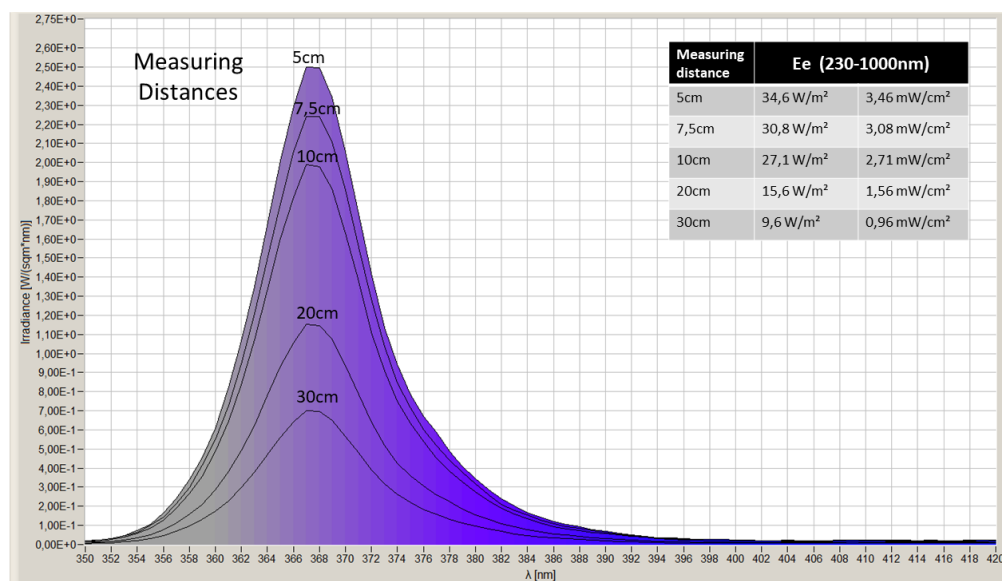
Directives - standards - certificates

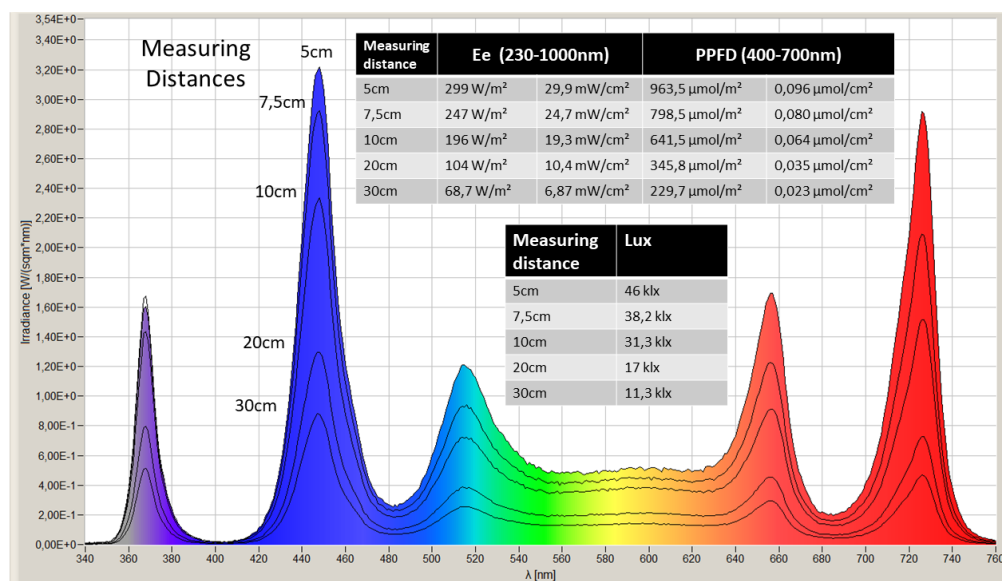
Directives	RoHS CE
Safety standards	EN60598-1 EN62031 IEC62471

Measurement results









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