

LUMATEK

PROFESSIONAL LIGHTING

LED RANGE PRODUCTS

With the advances in technology and fixture performance, **high quality LED horticultural lighting** is now a credible option offering significant return on investment to cultivators. Lumatek full spectrum horticultural LED solutions balance light quality (spectra) with light quantity (intensity and duration) sufficient to provide single-source lighting for entire grow cycle from vegetative through flowering period.



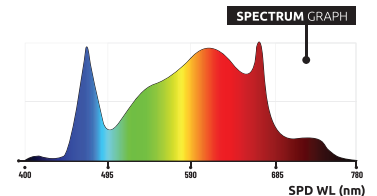
ATTIS 200W

PRODUCT CODE	LUMLED200
EFFICIENCY	2.3 $\mu\text{mol}/\text{J}$
PPF	455 $\mu\text{mol}/\text{s}$
INPUT VOLTAGE	100-240V
POWER CONSUMPTION	200W
FOOTPRINT	0.8x0.8m
LIFETIME	50 000 hrs
LIGHT DISTRIBUTION	120°
LIGHT SOURCE	LUMLED Diodes
DIMMABLE	0-100%
SPECTRUM	Full Spectrum



ATTIS 300W

LUMLED300	PRODUCT CODE
2.3 $\mu\text{mol}/\text{J}$	EFFICIENCY
690 $\mu\text{mol}/\text{s}$	PPF
100-240V	INPUT VOLTAGE
300W	POWER CONSUMPTION
1.0x1.0m	FOOTPRINT
50 000 hrs	LIFETIME
120°	LIGHT DISTRIBUTION
LUMLED Diodes	LIGHT SOURCE
0-100%	WATERPROOF
Full Spectrum	SPECTRUM



ZEUS 600W

PRODUCT CODE	LUMLED001
EFFICIENCY	2.3 $\mu\text{mol}/\text{J}$
PPF	1380 $\mu\text{mol}/\text{s}$
INPUT VOLTAGE	200-240V
POWER CONSUMPTION	600W
FOOTPRINT	1.2x1.2m - 1.5x1.5m
WATER PROOF	IP65
LIFETIME	60 000 hrs
LIGHT DISTRIBUTION	120°
LIGHT SOURCE	Osram and Lumileds Philips Diodes
DIMMABLE	0-100% with 0-10V Light Dimmer (Included)
SPECTRUM	Full Spectrum

- Replaceable 100W Magnet Light Bars
- Externally controllable with Lumatek Digital Panel or dimmable with standard 0-10V Light Dimmer

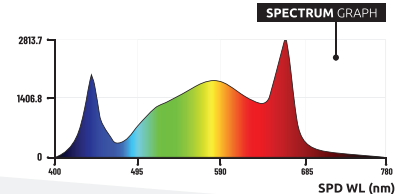


ZEUS 600W PRO



- Replaceable 100W Magnet Light Bars
- Externally controllable with Lumatek Digital Panel or dimmable with standard 0-10V Light Dimmer

LUMLED002	PRODUCT CODE
2.7 $\mu\text{mol}/\text{J}$	EFFICIENCY
1620 $\mu\text{mol}/\text{s}$	PPF
200-240V	INPUT VOLTAGE
600W	POWER CONSUMPTION
1.2x1.2m - 1.5x1.5m	FOOTPRINT
IP65	WATERPROOF
60 000 hrs	LIFETIME
120°	LIGHT DISTRIBUTION
Osram & LUMLED Diodes	LIGHT SOURCE
Full Spectrum	SPECTRUM
0-100% with 0-10V Light Dimmer (included)	DIMMABLE



ZEUS 1000W PRO

PRODUCT CODE	LUMLED003
EFFICIENCY	2.7 $\mu\text{mol}/\text{J}$
PPF	2700 $\mu\text{mol}/\text{s}$
INPUT VOLTAGE	200-240V
POWER CONSUMPTION	1000W
FOOTPRINT	1.6x1.6m
WATER PROOF	IP65
LIFETIME	60 000 hrs
LIGHT DISTRIBUTION	120°
LIGHT SOURCE	OSRAM & LUMLED Diodes
SPECTRUM	Full Spectrum
DIMMABLE	0-100% with 0-10V Light Dimmer (included)

- Replaceable 100W Magnet Light Bars
- Externally controllable with Lumatek Digital Panel or dimmable with standard 0-10V Light Dimmer



WHY LED?

Benefits include energy savings Lumatek LED solutions demonstrate the potential to save 40% on electricity relative to HID and traditional lighting sources. Studies indicate that LED-lit canopies can generate more than double the grams per kWh than HID-lit canopies.

Plant and crop performance Initial studies indicate growers using LED lighting may experience yield increases and changes in cannabinoid and terpene profiles, leading to more consistent medicinal product profiles from harvest to harvest.

Less maintenance HID bulbs are generally replaced every 6 – 24 months depending on the grower and their financial ability whereas Lumatek LED are rated for 50,000 - 60,000 hours use.

Reduced HVAC Because Lumatek LED are more efficient than HPS, less wattage equals less heat into the space, allowing for potentially lower HVAC loads and operating expense.

Safety LEDs do not contain mercury as an active ingredient like HID and fluorescent lamps, thus there is lower risk of crop contamination upon breakage.

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