

LUMATEK
PROFESSIONAL LIGHTING

ATTIS 200W LED



The Lumatek Attis series is a range of full spectrum LED grow lights featuring top bin LUMLED LEDs and dimmable Lumatek drivers. This light-weight fixture is ideal as sole-source or supplemental grow lighting for propagation, vegetative and flowering growth periods of indoor-grown crops.

2.3 $\mu\text{mol}/\text{J}$

460 $\mu\text{mol}/\text{s}$ total output

Full-Spectrum

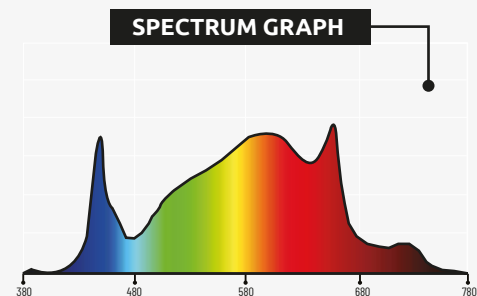
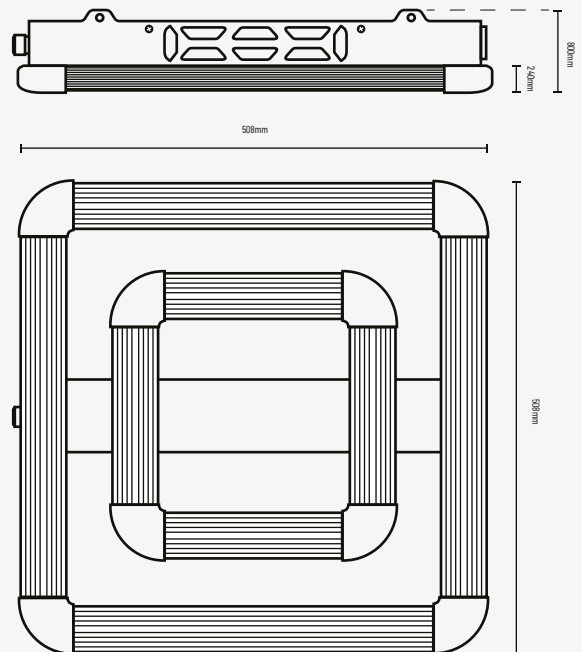


ATTIS 200W LED

EFFICACY	2.3 $\mu\text{mol}/\text{J}$
PPF	460 $\mu\text{mol}/\text{s}$
INPUT VOLTAGE	200-240V, 50-60Hz
INPUT CURRENT	0.87A (100%)
POWER CONSUMPTION	200W
FOOTPRINT	0.8x0.8m
APPLICATION	Controlled-Climate Rooms & Grow Tents
WATERPROOF & DUSTPROOF	IP20
LIFETIME (LED BARS)	60 000 hrs
LIGHT DISTRIBUTION	110°
LIGHT SOURCE	LUMLED Diodes
DIODES RATIO	White 87,5% ; Red 8.6% ; Far Red 3.9%
DIODES EFFICIENCY	LUMLED Dark Red 660NM 3.1 $\mu\text{mol}/\text{J}$; LUMLED White 2.9 $\mu\text{mol}/\text{J}$
DIMMABLE	20%-40%-60%-80%-100%
WEIGHT	3.9 Kg
DIMENSIONS	508 x 508 x 86 mm
SPECTRUM	Full Spectrum +
THERMAL MANAGEMENT	Passive
POWER FACTOR	>0.95
WARRANTY	3 Years
CERTIFICATIONS	CE, IP65, UL1598, UL8800, EN61347-2-12, EN 61347-1, IEC 60598-1-2014, GBT 33721-2017 & GB7000.1-2015

ITEMS INCLUDED IN THE BOX:

- 1 x Attis 200W LED Fixture (LED Driver and Dimmer Included)
- 1 x Power Cable
- 2 x Metal Cable Hangers
- 1 x Manual



PPFD: PHOTOSYNTHETIC PHOTON FLUX DENSITY ($\mu\text{mol}/\text{m}^2/\text{s}$)

RECOMMENDED PPFD ($\mu\text{mol}/\text{m}^2/\text{s}$)

PLANT	SEED	CLONES	VEGETATIVE	FLOWERING
CANNABIS	100-300	75-150	300-550	650+
TOMATOES	150-350	75-150	350-550	650+
CUCUMBERS	100-300	--	300-550	650+
PEPPERS	150-350	--	300-550	650+

FACTORS THAT CAN INFLUENCE PPFD TESTS

- TEST EQUIPMENT.
- LAMP BEADS DEVIATION
- AMBIENT TEMPERATURE DEVIATION
- PC COVER TRANSMITTANCE DEVIATION
- POWER SOURCE EFFICIENCY DEVIATION
- REFLECTION CONSIDERED OR NOT

LUMATEK ATTIS 200W PPFD MAPS (1M x 1M VARIANT)

TEST AREA	1M x 1M
TEST POINTS	25
TEST EQUIPMENT	INTEGRATING 2 METER SPHERE & EVERFINE PLA20
AMBIENT TEMPERATURE	25°
HEIGHT FROM CANOPY	15CM, 30CM
REFLECTION	0%

LUMATEK ATTIS 200W PPFD MAPS (1.5M x 1.5M VARIANT)

TEST AREA	1.5M x 1.5M
TEST POINTS	25
TEST EQUIPMENT	INTEGRATING 2 METER SPHERE & EVERFINE PLA20
AMBIENT TEMPERATURE	25°
HEIGHT FROM CANOPY	40CM, 50CM, 60CM, 70CM
REFLECTION	0%

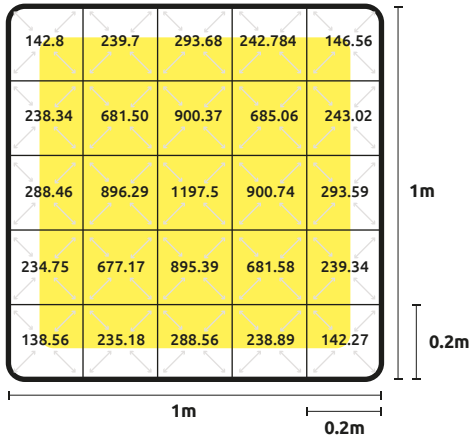
LUMATEK ATTIS 200W PPF MAPS (1M x 1M VARIANT)

HEIGHT TO TEST POINT **15cm**

CANOPY AVERAGE PPF

0,8m x 0,8m: 835.07 $\mu\text{mol}/\text{m}^2/\text{s}$

1m x 1m: 446.5 $\mu\text{mol}/\text{m}^2/\text{s}$

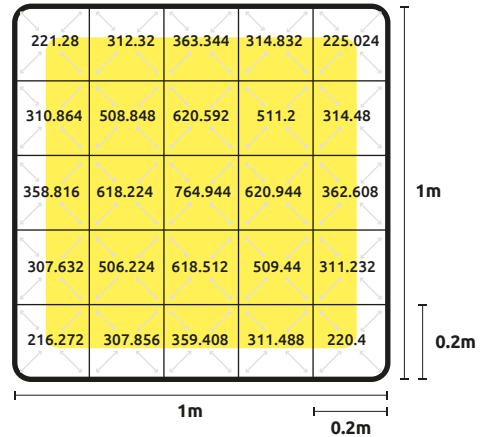


HEIGHT TO TEST POINT **30cm**

CANOPY AVERAGE PPF

0,8m x 0,8m: 586.55 $\mu\text{mol}/\text{m}^2/\text{s}$

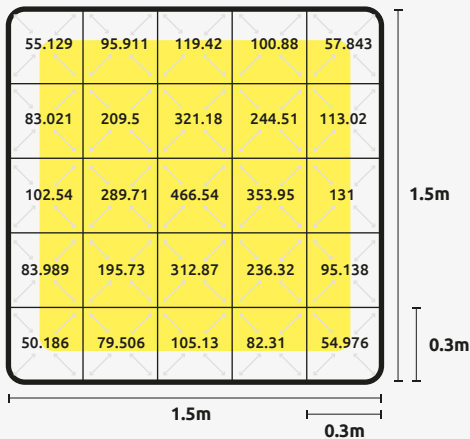
1m x 1m: 403.87 $\mu\text{mol}/\text{m}^2/\text{s}$



LUMATEK ATTIS 200W PPF MAPS (1.5M x 1.5M VARIANT)

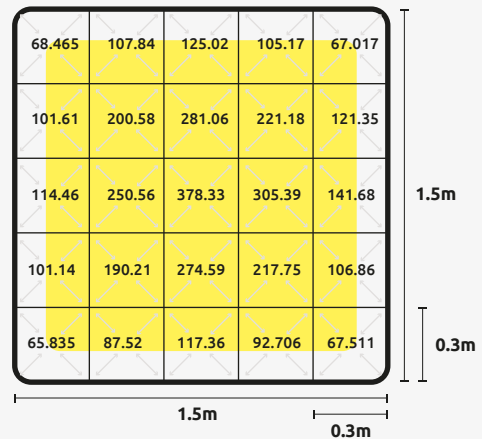
HEIGHT TO TEST POINT **40cm**

CANOPY AVERAGE PPF 161.57636 $\mu\text{mol}/\text{s}/\text{m}^2$



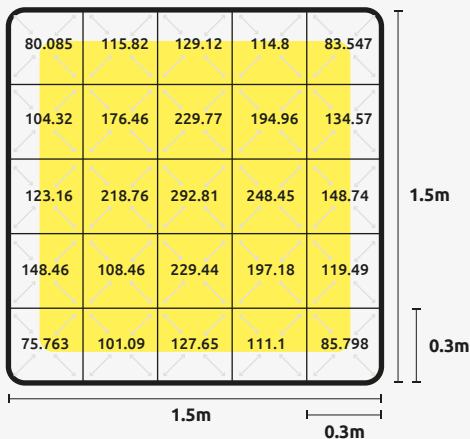
HEIGHT TO TEST POINT **50cm**

CANOPY AVERAGE PPF 156.4477 $\mu\text{mol}/\text{s}/\text{m}^2$



HEIGHT TO TEST POINT **60cm**

CANOPY AVERAGE PPF 148.88 $\mu\text{mol}/\text{s}/\text{m}^2$



HEIGHT TO TEST POINT **70cm**

CANOPY AVERAGE PPF 156.4477 $\mu\text{mol}/\text{s}/\text{m}^2$

