



Æpex™

Vegging & Blooming LED

Footprint optimized to cover one Ætrium-4 tray

Æpex grow lights are designed to be the perfect match for the Ætrium-4 System.

Thanks to their excellent close range uniformity, they can be mounted as close as 6" to your plant canopy in low ceiling environments. For maximum area utilization, each light is sized to cover one Ætrium-4 tray.

Large scale automation is supported by daisy chaining several lights together. These are timed and dimmed by the Guardian Grow Manager. Æpex grow light systems sustainably deliver high levels of PAR to your plants (average PPFD) of 600 $\mu\text{mol/s/m}^2$).

Specifications

Dimensions - (W x D x H) 47" x 35" x 5.2"
Weight - 46.5 lbs



Average PPFD over Ætrium-4 tray

600 $\mu\text{mol/s}$ at 6" installation height
530 $\mu\text{mol/s}$ at 12" installation height

Max. Power Draw

580 W

Heat Output

1,980 BTU/h

Input Voltage

90-305 V_{AC}

Automation

Control via Guardian Grow Manager over AES link daisy chain, DMX512 Compatible

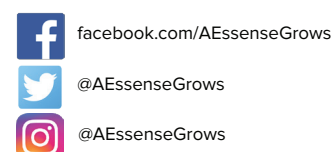
Cooling

Passive (no fans)

*Average Photosynthetically Active Photon Flux Density (PPFD) over 40"x50" grow area (top lighting, single tray, no adjacent grow lights, no reflective walls)

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Æssense Lighting Systems

Integrates effortlessly into the Ætrium Guardian System



AUTOMATION

Designed to seamlessly integrate into the Ætrium Guardian™ System



UNIFORM LIGHT

Achieve maximum yield with an optimized footprint for Ætrium-4 trays (40"x50")



EFFICIENT GROWTH

Automated dimming adjusts the correct amount of PAR for each specific growth environment

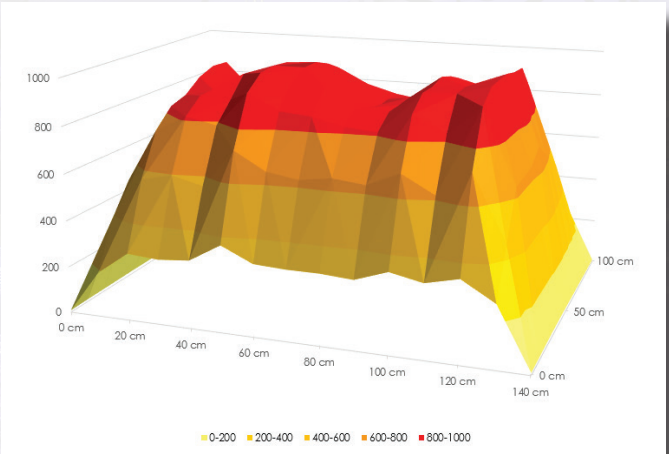


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Blooming Light Systems



530W
Æpic™
Vegging & Blooming LED
Footprint optimized to cover one
Ætrium-4 tray

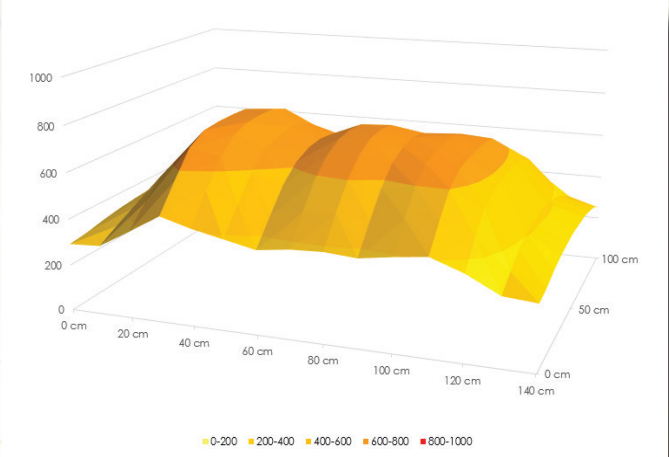


Light intensity footprint (PPFD)

- Æpic™**
Vegging & Blooming LED
- 530W LED grow light bars
 - 40" x 50" footprint
 - PPFD at 6" height: average 600 $\mu\text{mol/s/m}^2$
 - Uniform light at close range
 - Dimmable
 - Compatible with AEssense Guardian™
 - Highest quality Cree and Osram LEDs from the US and Germany
 - Optimized passive cooling, no fans



1000W
Æexcel™
Blooming HPS
Low cost HID lighting system for
Ætrium-4

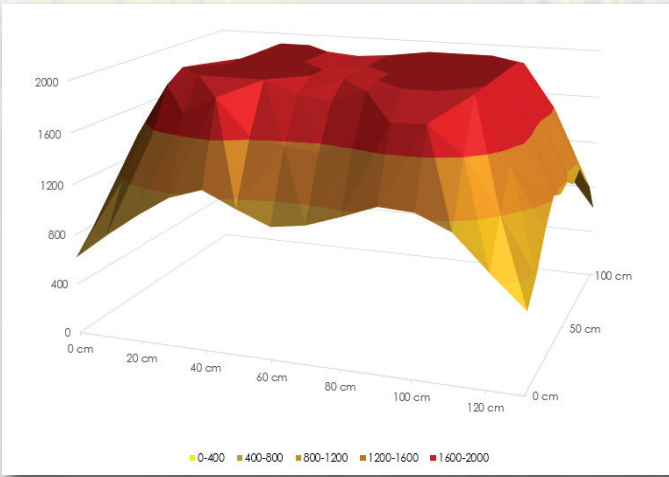


Light intensity footprint (PPFD)

- Æexcel™**
HPS Grow Light
- 1000W double-ended HPS grow light
 - 40" x 50" footprint
 - PPFD at 28" height: average 500 $\mu\text{mol/s/m}^2$
 - Step Dimming or Continuous Dimming
 - Choice of 2 input voltage ranges (230V optimized, 110-240V universal)



500W
Æpex™
Vegging & Blooming LED
Footprint optimized for Ætrium-4



Light intensity footprint (PPFD)

- Æpex™**
Vegging & Blooming LED
- 500W LED grow light panel
 - 40" x 50" footprint
 - PPFD (quad-panel configuration) at 12" height: average 1,650 $\mu\text{mol/s/m}^2$
 - Dimmable, adjustable spectrum
 - Compatible with AEssense Guardian™
 - Highest quality Cree and Osram LEDs from the US and Germany
 - UV light content
 - Direct Bluetooth control for individual users