

eralux®



# HACHEHAUS

## HORTICULTURE PRODUCTS

LED Plant Grow Light

The Hachehaus is a bright and flexible grow light solution that maximizes the grow space for higher crop yield and superior quality. With a compact form factor, and multiple wattage options, it offers growers an all-year-round solution for crop production.

The Hachehaus is ideal for growing cannabis, food or ornamental plants. And it is ideal for commercial growers, vertical farming, novice and hobbyist growers.

DATE			
PROJECT NAME			
<b>TYPE</b>			
QTY			
ORDERING CODE	AE-LS-GLO	W-	UVSP-D

### OPERATING & ELECTRICAL

INPUT VOLTAGE	120-277V
POWER FACTOR	>0.9
DIMMING	10-100% dimming
TOTAL HARMONIC DISTORTION (THD)	<20%

### PERFORMANCE

PPFD	150W: 405 $\mu\text{mol/S}$ - 300W: 810 $\mu\text{mol/S}$
	450W: 1215 $\mu\text{mol/S}$ - 600W: 1620 $\mu\text{mol/S}$
PPF EFFICACY	2.7 $\mu\text{mol/J}$
BEAM ANGLE	120°
POWER	150W,300W,450W,600W

### MECHANICAL & HOUSING

HOUSING	Die cast aluminum housing for superior heat dissipation, strength, and rigidity. + PC lens
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### APPLICATION CONDITION

AMBIENT TEMPERATURE RANGE	-30 to 45°C
Protection	Suitable for wet locations - IP65

### COMPATIBLE MOUNTING

MOUNTING	Suspended
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### WARRANTY

**SYSTEM WARRANTY – 5 YEARS**

**LUMEN MAINTENANCE – L70 at 50,000 hours**

Rated for 70% initial lumen output at 50,000 hours of operation, operated at 25°C ambient temperature; per guidelines published by the Illuminating Engineering Society (IES). (L70 at 50,000 hours)

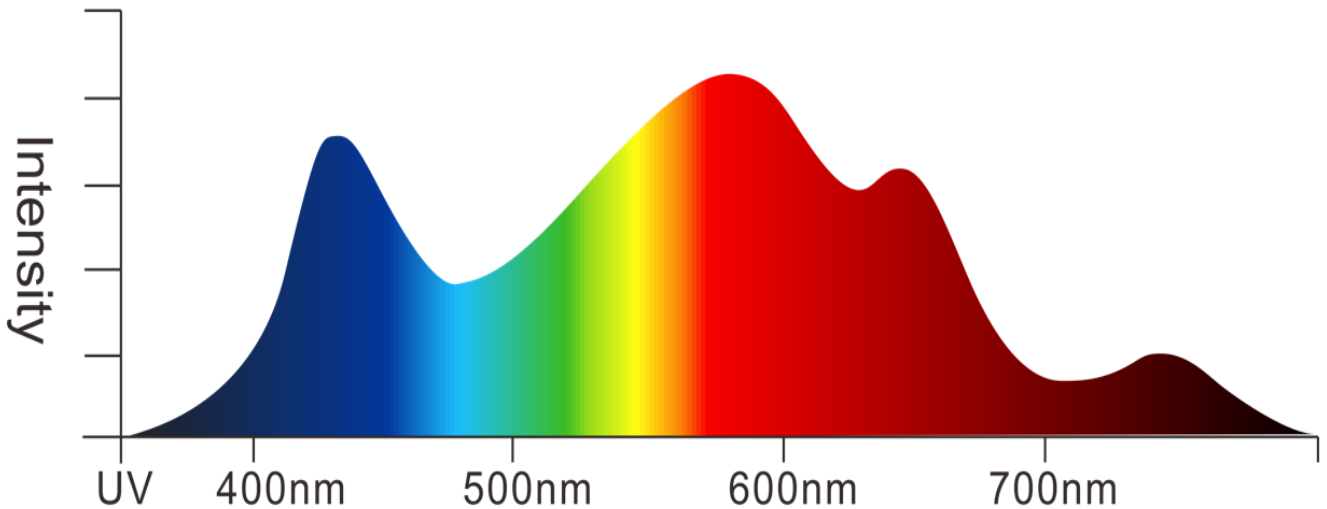
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ORDERING CODE	AE-LS-GLO	W-	UVSP-D

## ORDERING GUIDE

EXAMPLE: AE-LS-GLO150W-UVSP-D

FIXTURE FAMILY	WATTAGE	VOLTAGE	LIGHT RECIPES(nm)	CONTROLS
<b>AE-LS-GLO</b>	<b>W-</b>	<b>UV</b>	<b>SP</b>	<b>-D</b>
<b>AE-LS-GLO</b> ERALUX Hachehaus LED plant grow light	<b>150W-</b> 150 watts	<b>UV</b> 120-277Vac input voltage range	<b>SP</b> Full Spectrum	<b>Dimming</b> 10-100%
	<b>300W-</b> 300 watts			
	<b>450W</b> 450 watts			
	<b>600W</b> 600 watts			

## FULL SPECTRUM



DATE			
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## PLANTING GUIDE

### Suggested Hanging Distance

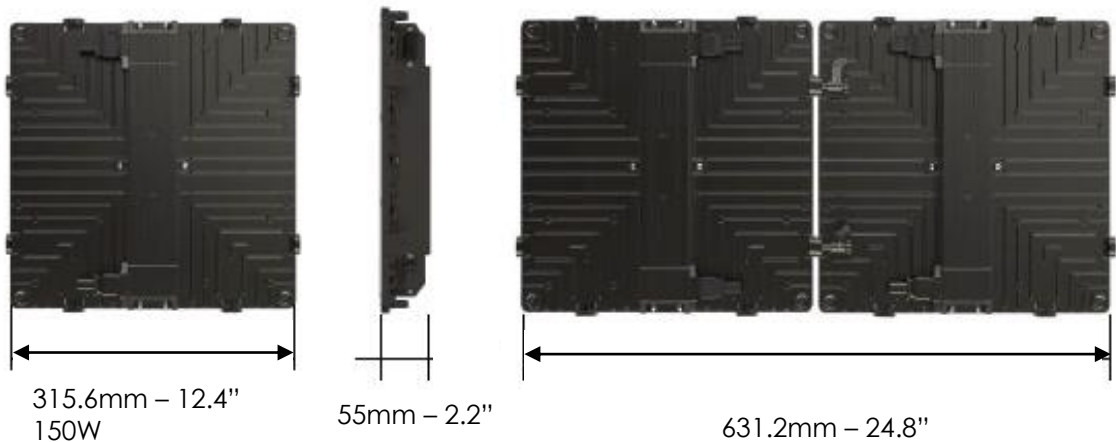
- Seeding: 24 inches
- Flowering: 12 – 18 inches
- Vegetative: 18 – 24 inches
- Germination: 24 – 30 inches

### Suggested Lighting Time

- Flowering: 12 hours on
- Vegetative: 18 hours on

WATTAGE	OPTIMAL PLANTING AREA	VEG DIMMING INDEX	FLOWERING DIMMING INDEX	EXPECTED YIELD
150W	2.5' X 2.5'	70%	100%	0.78-0.88 lbs
300W	3' X 3'	56%	100%	1.60-1.70 lbs
450W	4' X 4'	64%	100%	2.43-2.53 lbs
600W	6' X 6'	73%	100%	3.25-3.35 lbs

## PRODUCT DIMENSIONS – 150W – 300W



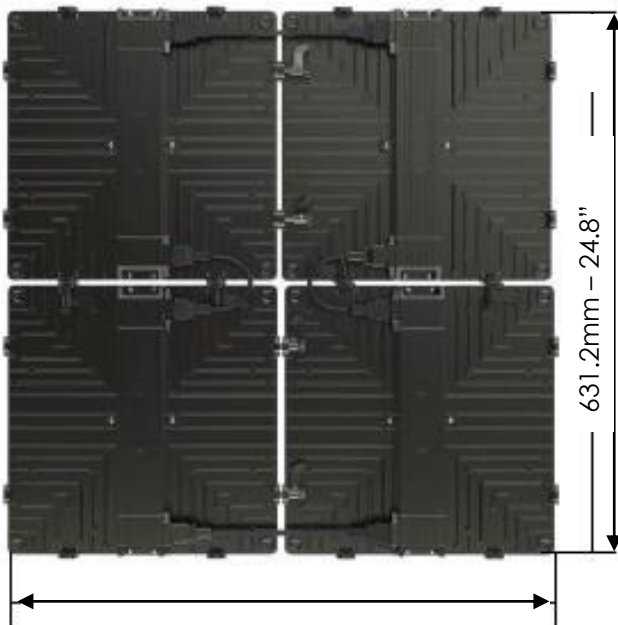
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## PRODUCT DIMENSIONS – 300W – 450W



946.8mm – 37.2"  
300W – 450W

## PRODUCT DIMENSIONS – 400W-600W



400W/600W

631.2mm – 24.8"  
400W – 600W