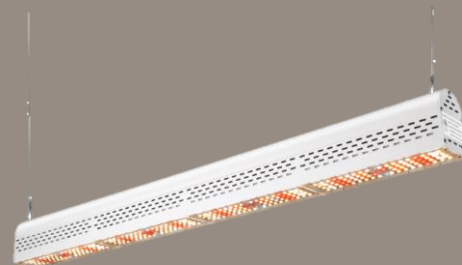




# LINEARHAUS

## HORTICULTURE PRODUCTS

LED plant grow light



The LinearHaus is suitable for all phases of plant growth and works well for both water solution culture and soil culture. It is ideal for vegetative-stage and a top lighting solution for commercial applications. The LinearHaus series can be used in potted plants, house garden, sowing, breeding, farm, flower exhibition, bonsai, green house cultivation, pipeline cultivation and so on. The LinearHaus comes with a spectrum 2 photosynthetic photo flux.

Project: \_\_\_\_\_

Qty: \_\_\_\_\_

Notes: \_\_\_\_\_

### OPERATING & ELECTRICAL

**Input voltage**

120-277Vac

**Power factor**

0.9

**Total harmonic distortion (THD)**

<20%

### PERFORMANCE

**PPF**

50W 101  $\mu\text{mol/s}$  - 100W 202  $\mu\text{mol/s}$

150W 305  $\mu\text{mol/s}$  - 200W 405  $\mu\text{mol/s}$

300W 596  $\mu\text{mol/s}$

50,100,150,200,300W

40°,60°,90°,150×75°

**Power**

**Beam angle**

### MECHANICAL & HOUSING

**Housing**

Aluminum housing for superior

heat dissipation, strength, and rigidity.

Thermal-management system built directly into fixture

housing for long lasting LEDs and driver function.

**Finish**

Aluminium

**Power Supply**

Factory wired electronic LED

**driver**

**LED Board**

Light emitted source

### APPLICATION CONDITION

**Ambient temperature range**

-20 to 45°C

**Protection**

IP67, High-humidity

### COMPATIBLE MOUNTING

**Mounting**

Power box bracket

### WARRANTY

**System warranty**

2 years

**Lumen maintenance**

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)

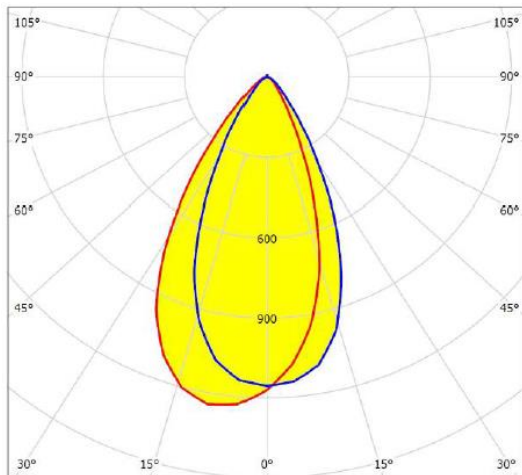
### ORDERING GUIDE

EXAMPLE: AE-LT-L285-50-40

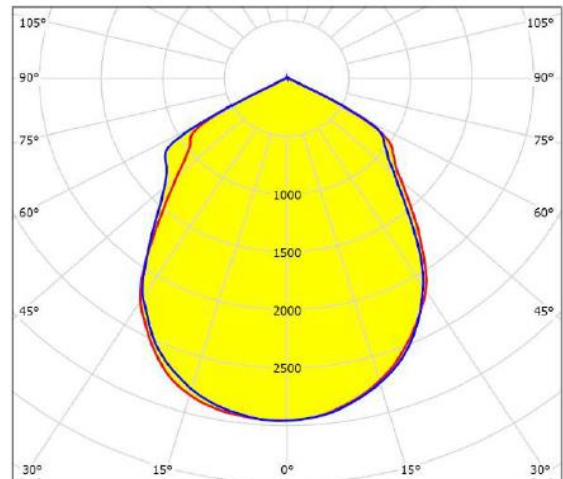
AE-LT-L	285-50-	40
FIXTURE FAMILY	WATTAGE	BEAM ANGLE
<b>AE-LT-L</b> Manufactured for Aeralux LinearHaus LED plant grow light	<b>285-50W-</b> 50 watts	<b>40</b> 40° beam angle
	<b>570-100W-</b> 100 watts	<b>60</b> 60° beam angle
	<b>855-150W-</b> 150 watts	<b>90</b> 90° beam angle
	<b>1135-200W-</b> 200 watts	
	<b>1416-300W-</b> 300 watts	<b>150X75</b> 150X75° beam angle



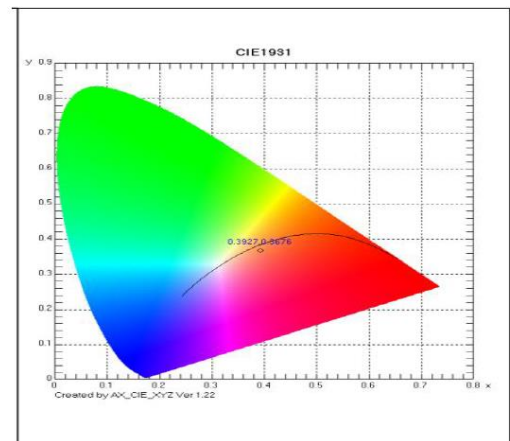
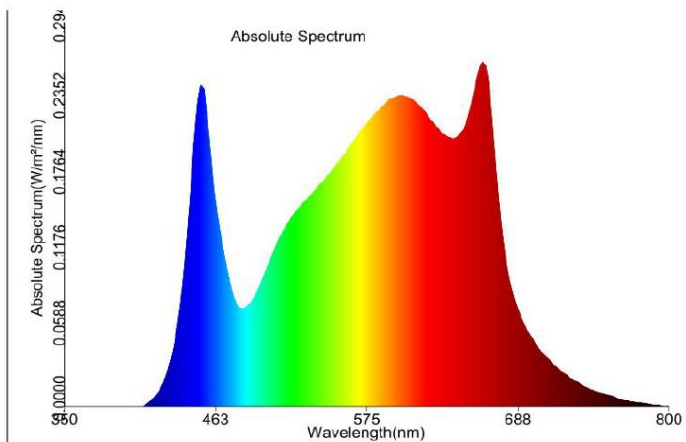
### LIGHT OUTPUT



Average Beam Angle(50%) 42.2 DEG

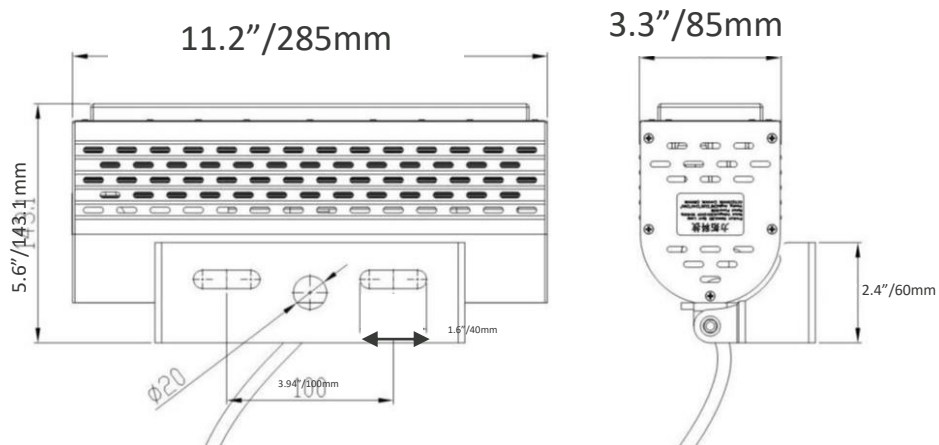


Average Beam Angle(50%) 85.2 DEG



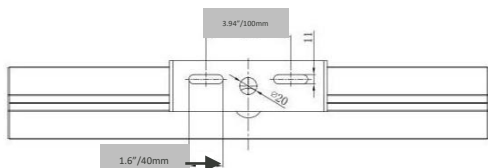
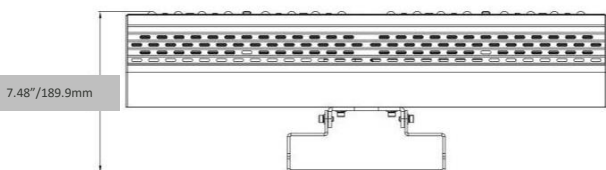
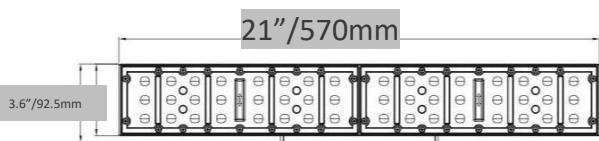
### PRODUCT DIMENSIONS

**50W**

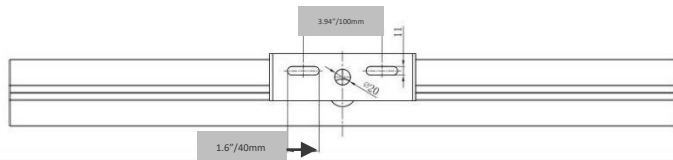
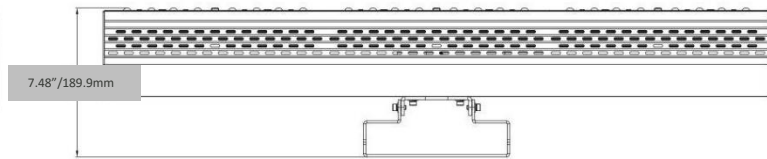
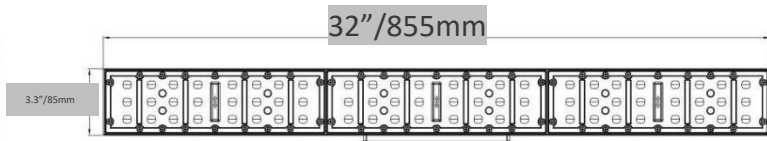


### PRODUCT DIMENSIONS

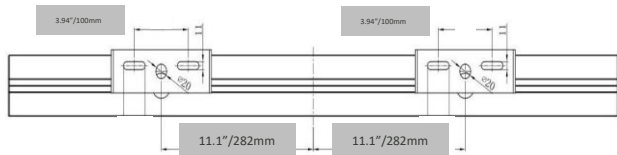
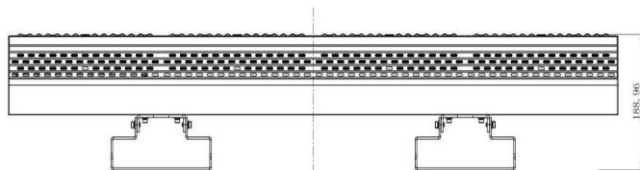
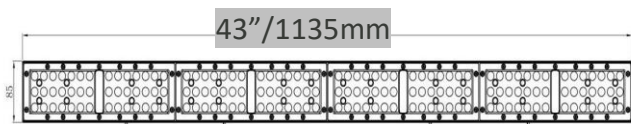
#### 100W



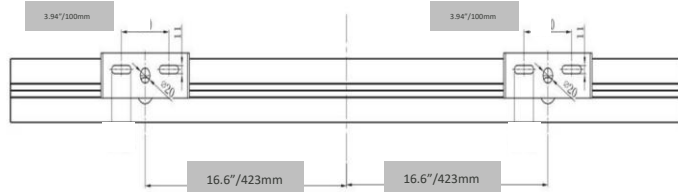
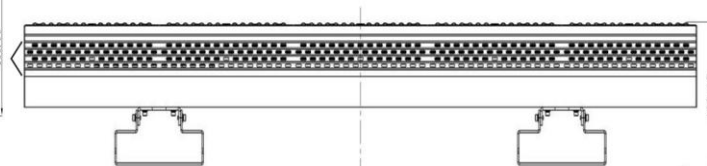
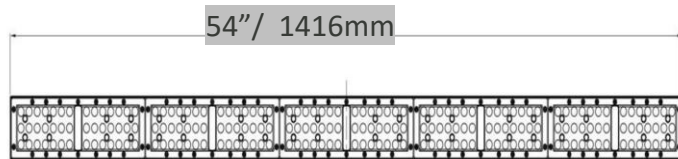
#### 150W



#### 200W



#### 300W





## APPLICATIONS

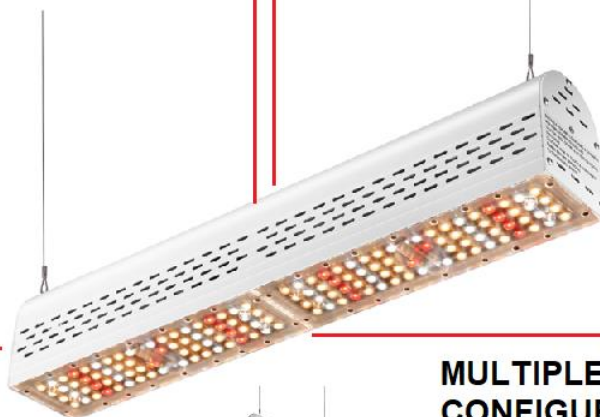
Used in large scale growth operations or even for personal home indoor gardens.

## PREMIUM DESIGN AND MATERIALS

Extruded aluminum housing provides optimal thermal heat dissipation ensuring long lasting LED and driver function

## BEAM ANGLES

Wide selection of beam angles allow you to select the distribution your project requires!



## MULTIPLE CONFIGURATIONS

Multiple wattage sizes available for different power levels.

