

IHG **-SERIES**
LED GROW LIGHT
● POWER: 315W/630W

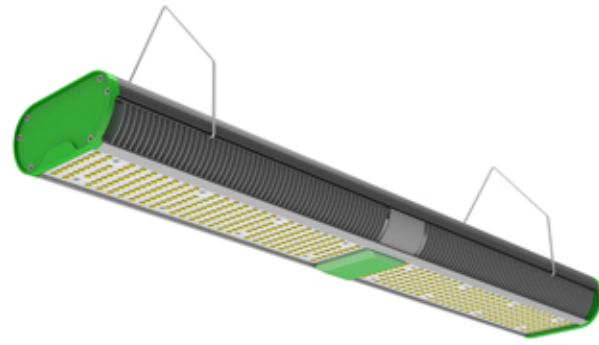
FEATURES

- Aluminum PCB with high thermal conductivity as chip carrier for faster cooling.
- The power supply is waterproof and the power output to the board is a self-locking plug and pull waterproof connector. The LED board is sprayed with triple anti-paint to achieve the waterproof effect.
- High-class LED chips (Luxeon/Samsung/Osram) to ensure good reliability and consistency.
- Quick splicing design for easy installation. Series or parallel combination.
- Dimmable control to adjust fixture luminaries.

**EXPERTS WITH
PROFESSIONAL SOLUTION**

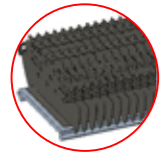
WWW.AOKLEDLIGHT.COM
V20_11





CONSTRUCTION

- The IHG is a kind of LED light that uses full-spectrum LED light instead of sunlight to give plants growth and development environment. It has the function of improving root, adjust flowering period and color, promoting fruit ripening, taste, and quality. It can be applied to plant species in greenhouses, greenhouses, and other environments. Excellent performance with increase in PPF levels and high efficacy.
- High energy-efficient, about double to triple of the metal lamp or the sodium lamp efficiency.
- High quality driver, safety and reliable.



Aluminum fin radiator, high thermal conductivity

TECHNICAL PARAMETERS

SPECIFICATION	
Light Source	LUXEON/SAMSUNG/OSRAM
PPF	750-860μmol/s 1500-1720μmol/s
PAR	2.5-2.7μmol/j
Input Power	120-227v, 347-480v 50/60Hz
Watts	315W/630W
Light Distribution	120°
Mounting Height	≥39.37"
Therma Management	Passive
Operation Temperature	-20~35°C
Dimming	0/1-10V
Power Factor	>0.92
Total Harmonic Distortion	<20%
Lifetime	L90:>50,000hrs
IP rating	IP66
Listing	UL, DLC
Warranty	5 Years
Spectra	PhysioSpec Indoor PhysioSpec Greenhouse
Dimensions	656*110*58mm (25.83**4.33**2.28")
Weight	4.1kg

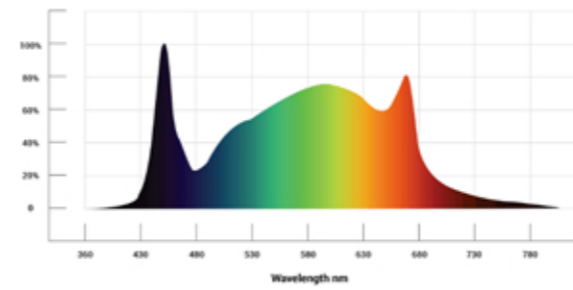


Customization Options Available

SPECTRA

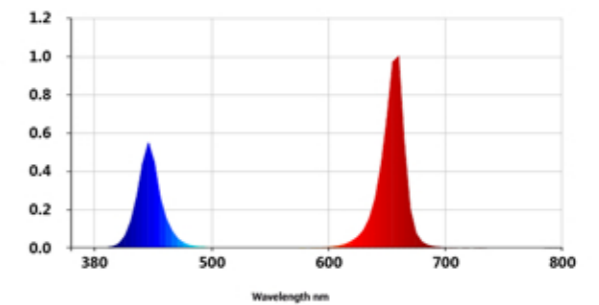
PhysioSpec™ BROAD Spectra
The PhysioSpec™ BROAD spectra offers continuous spectral emission across PAR 400-700nm wavelength range, balancing energy efficiency with quality of light for desired plant response and human work environment.

6500K+3000K+RED(500-560nm)

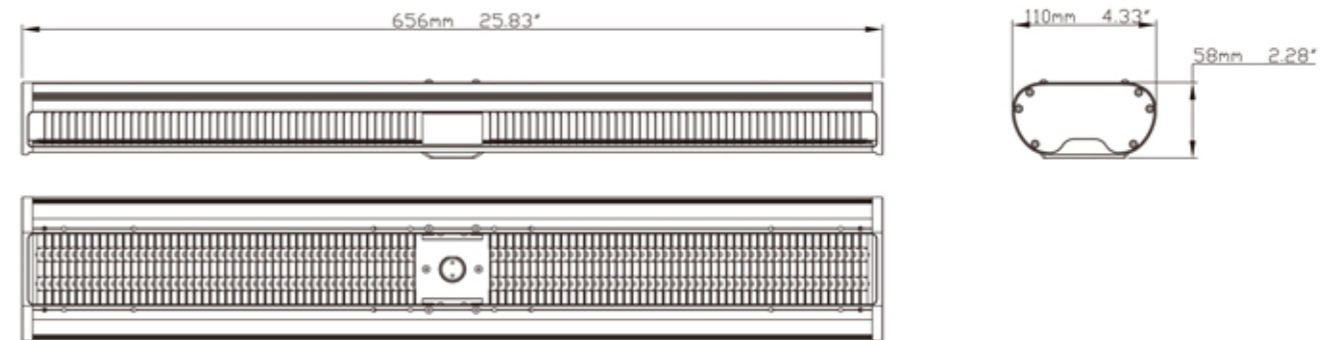


PhysioSpec™ DUAL Spectra
The PhysioSpec™ DUAL spectra features red and blue spectral emission bands that maximize energy efficiency, helping to reduce energy costs and operational expenses for growers.

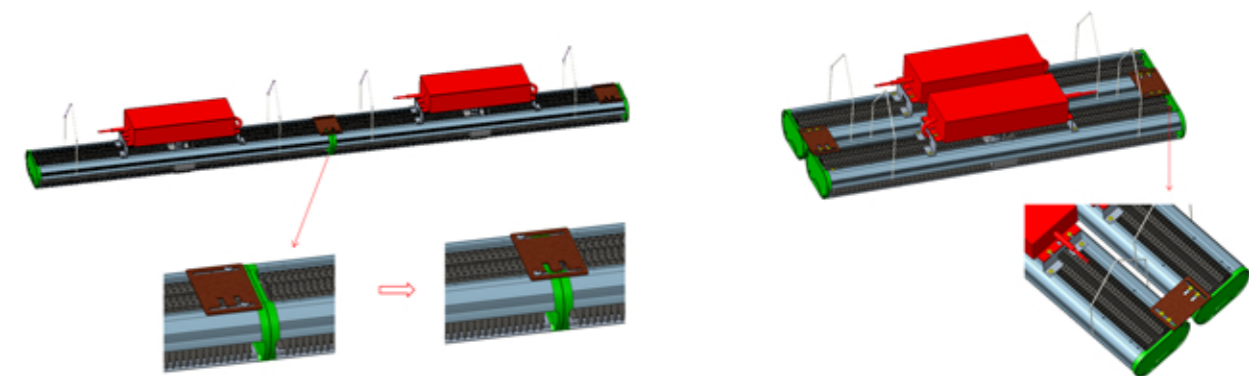
Blue(3030)+Red(3030/660nm)



DIMENSIONS



SERIES OR PARALLEL INSTALLATION



There is a strip of metal on the radiator and the strip of metal has a strip of holes so that the strip can slide left, right, back and forth. When splicing, you only need to loosen the fixing screw and slide the metal piece to the appropriate position, then lock the screw to complete the splicing.

ORDERING INFORMATION

AOK	WATTS	VOLTAGE	LED CHIPS	SPECTRA	PPF	PAR	OPTION	MOUNT
	315WiHG 630WiHG	NV=100-277V HV=347-480V	Lumileds Luxeon Samsung Osram	Blue+Red White+Red	750-860μmol/s 1500-1720μmol/s	2.5-2.7μmol/j	DIM=Dimmable	Hook

