

**IHG** **-SERIES**  
**LED GROW LIGHT**  
● POWER: 315W/630W  
● EFFICACY UP TO 2.8MMOL/J

**FEATURES**

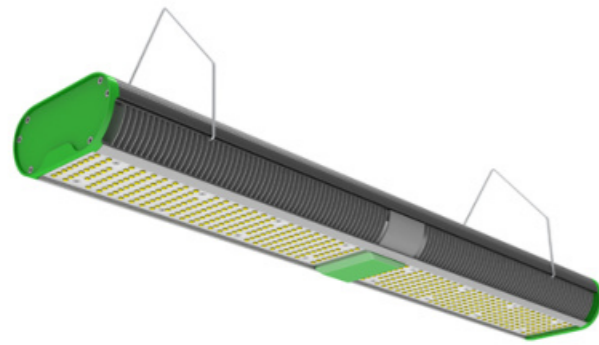
- Full-spectrum designed for plants like Cannabis
- Aluminium dissipator and PCB with high thermal conductive as chip heat carrier for faster cooling.
- Waterproofed LED board, driver and connector, IP66 on the entire fixture..
- LUMILEDS/Samsung or equivalent world's top-level LEDs to ensure good reliability and consistency.
- Quick splicing design for easy installation. Series or parallel combination.
- 0-10V dimmable to adjust fixture luminaries, support timing control.

**EXPERTS WITH  
PROFESSIONAL SOLUTION**

[WWW.AOKLEDLIGHT.COM](http://WWW.AOKLEDLIGHT.COM)







**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.
- Lifespan>50,000 hrs, high quality driver, safety and reliable.



**TECHNICAL PARAMETERS**

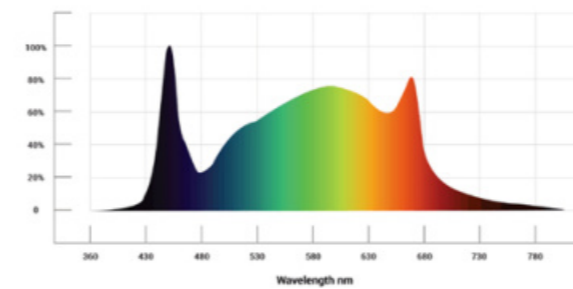
PARAMETER TABLE	
Light Source	LUMILEDS/Samsung or equivalent world's top-level LEDs
PPF	819-882μmol/s   1638-1764μmol/s
Efficacy(PAR)	2.6-2.8μmol/j
Input Power	120-227v, 347-480v 50/60Hz
Watts	315W/630W
Light Distribution	120°
Mounting Height	≥39.37"
Therma Management	Passive
Operation Temperature	-20~35°C
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



**SPECTRA**

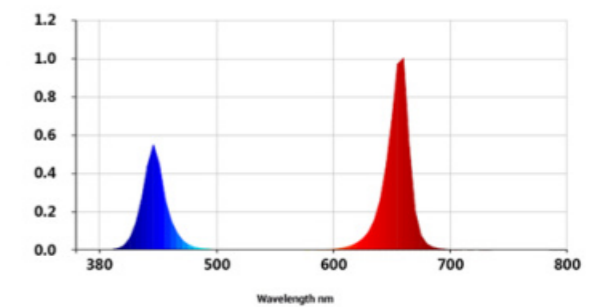
**PhysioSpec™ BROAD Spectra**  
The PhysioSpec™ BROAD spectra offers continuous spectral emission across PAR 400-700nm wavelength range, balancing energy efficiency with quality of light for desired plant response and human work environment.

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

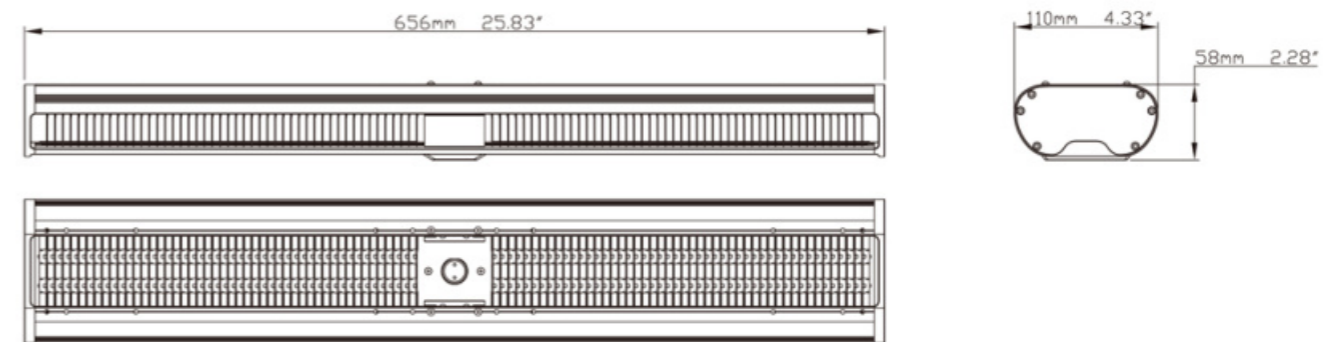


**PhysioSpec™ DUAL Spectra**  
The PhysioSpec™ DUAL spectra features red and blue spectral emission bands that maximize energy efficiency, helping to reduce energy costs and operational expenses for growers.

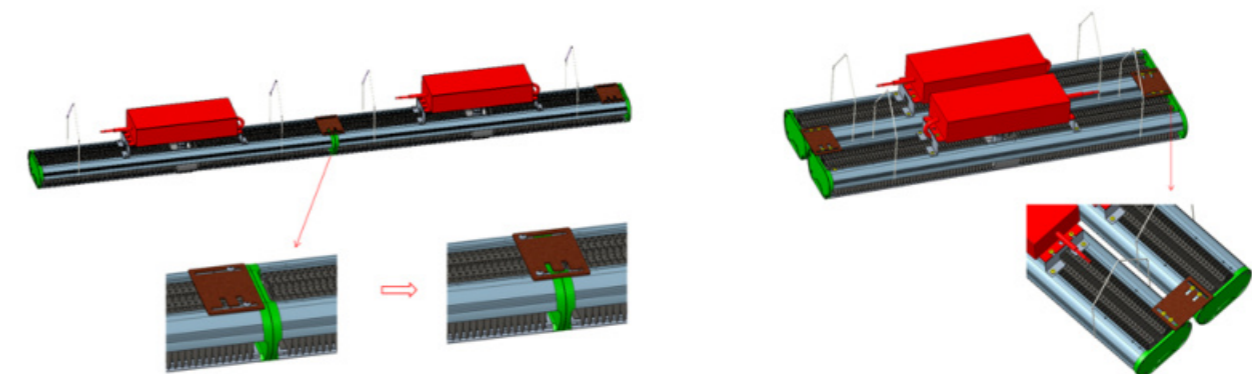
**Blue(3030)+Red(3030/660nm)**



**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	OPTION	Mount
315iHG	NV=120-277V	L=Lumileds	Blue+Red	DIM=Dimmable	S=Series
630iHG	HV=347-480V	S=Samsung	White+Red		P=Parallel
		O=Others			

