

# CULTIVAR 8FT SUPPLEMENTAL LED GROW LIGHT



8FT

## 8FT Double-wide Bar Design

Designed for long-range greenhouses and grow rooms where supplemental light uniformity is crucial for photoperiod management and healthy plant development.



## Red Boost Spectrum

Dedicated heavy red and light blue wavelengths efficiently boost healthy vegetative and flowering stages by speeding up chlorophyll absorption rates to create faster growth cycles.



## IP66 Rated

IP66 rated components protect the fixture from dust and water exposure commonly encountered in most CEA applications.

1-31  
Connect

## Seamless Connectivity

Easily connect up to 11 fixtures on 120V or up to 31 fixtures on 347V via daisy-chain cable for uniform, uninterrupted lighting.

DIM  
0-10V

## 0-10V Dimmable

Compatible with standard 0-10V horticulture lighting control systems. Dim fixtures individually using a manual dimmer or dim multiple fixtures using a smart controller.

50,000 H

## Extra-Long Lifetime & Guarantee

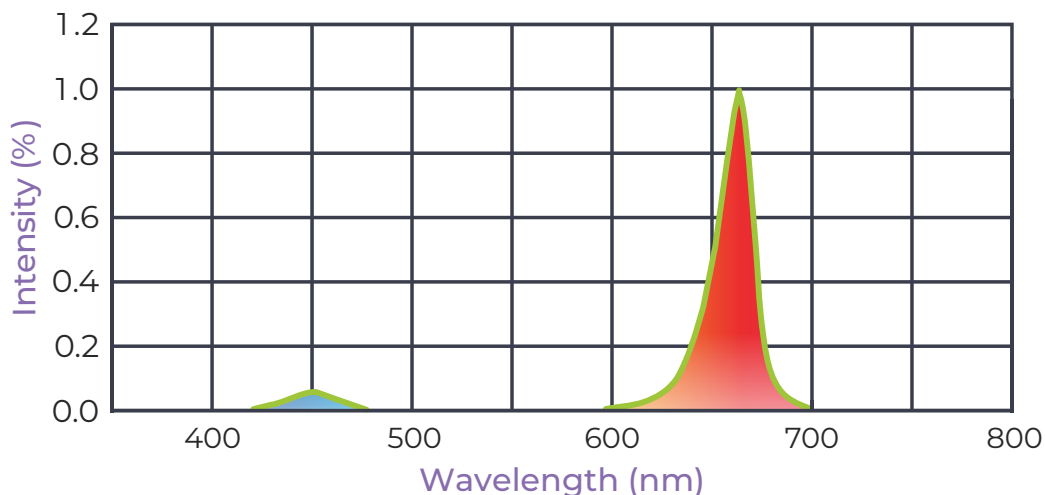
Features an exceptional 50,000-hour lifetime and a 5-year warranty.

## Active Grow Red Boost Spectrum Formula

### PBAR Range (280-800 nm)

Plant Biologically Active Radiation

UV 280-400 nm	Blue 400-500 nm	Green 500-600 nm	Red 600-700 nm	Far-Red 700-750 nm	Infrared 750-800 nm
0%	3%	0%	97%	0%	0%



#### Blue 400-500 nm

Improves overall plant health and quality including taste, aroma, color and nutrition. Helps promote plant compactness and root development.

#### Green 500-600 nm

Increases overall plant photosynthetic efficiency and penetrates the canopy to encourage growth of lower leaves. Makes detecting issues like pests and disease on plants easier to see.

#### Red 600-700 nm

Promotes plant photosynthesis and increased biomass. Essential for leaf expansion and stem growth. Helps regulate plant flowering, photoperiod and germination.

#### Far-Red 700-750 nm

Promotes expansion and stretching of leaves and stems. Penetrates the canopy to encourage growth of lower leaves. When used with 660-680 nm wavelengths, plant photosynthesis rates increase via the Emerson effect.

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SPECIFICATIONS*		200W CULTIVAR 8FT SUPPLEMENTAL LED GROW LIGHT	
Fixture model number	AG/200CV/8FT/RB/347V		
Power	200 watts		
Input voltage	120-347V 50-60Hz		
Amperage	120V (1.67A) / 240V (0.83A) / 277V (0.72A) / 347V (0.58A)		
Rated power factor	>90%		
PBAR output (280-800 nm)	560 µmol/s		
PBAR efficacy	2.75 µmol/J		
Spectrum	Red Boost Spectrum		
CRI	NA		
Dimensions (l x w x h)	96.00"x10.24"x3.93" (2438x260x100mm)		
Weight	21 lbs (9.5 kg)		
Mounting height	24-72" (610-1829mm)		
Dimmable	0-10V hardwire / Smart controller		
Daisy chainable power	Yes (max 11 fixtures @120V / max 31 fixtures @347V)		
Daisy chainable dimming	Yes		
Smart controller compatible	Yes		
IP rating	IP66		
Lifetime	50,000 hours		
Warranty	5 years		
Certifications	ETL (pending)		
Accessories included	2 hydroponic hangers, 8.2' (2.5m) 110V NEMA 5-15P power cord, 0-10V dimming cable		
Optional accessories	8.2' (2.5m) 240V NEMA 6-15P power cord, power daisy chain cable, dimming daisy chain cable, smart controller		

\* Specification data is preliminary and may be subject to change.

AG-200CV-8FT-RB-DS-121622