

# LOPRO ELITE MODULAR LED GROW LIGHT



**300-450W LED**  
(4x75-6x75W)



**400-600W HPS**  
REPLACEMENT



## Lightweight & Low Profile Design

At just 1.9 lbs and 0.43" high, the luminaire's ultra-slim design allows it to fit in vertical racking systems with minimal clearance.



## Custom Configurations

Modular bar light design, built-in daisy chain ports and driver options give growers full control to customize grow racks based on plant type and DLI requirements.



## IP65 Rated

IP65 rated components protect the fixture from dust and water exposure commonly encountered in most CEA applications.



## High Efficacy & Dimmable

Premium chipsets and proprietary optics create efficient and uniform light coverage. Compatible with the Active Grow Plant Lighting Smart Controller and 0-10V dimmers.



## Versatile Installation Options

Choose from surface-mounted clips, Y-hangers or end-mounted plates to easily install the luminaire in most standard racking systems.



## SafeShield Optic & Extra-Long Lifetime

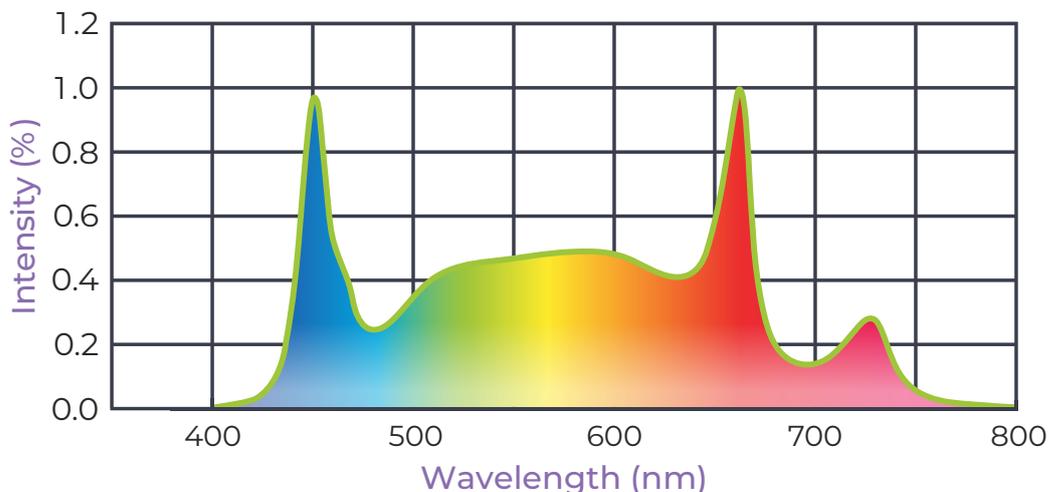
SafeShield proprietary optics create a thermal buffer to protect LED diodes from overheating, guaranteeing a 50,000-hour lifetime.

## Active Grow Entourage 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%	23%	35%	35%	7%	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.

# LOPRO ELITE MODULAR LED GROW LIGHT



SPECIFICATIONS		75W LOPRO ELITE MODULAR LED GROW LIGHT
Model number	AG/75LPE/ES/277V	
Power	75 watts	
Input voltage	120-277V 50-60Hz	
Amperage	120V (0.69A) / 240V (0.34A) / 277V (0.30A)	
Rated power factor	>0.95	
PPF output (400-700 nm)	188 µmol/s	
PBAR output (280-800 nm)	201 µmol/s	
PPF efficacy	2.50 µmol/J	
PBAR efficacy	2.70 µmol/J	
Spectrum	Entourage Spectrum	
CRI	94 (typical)	
Dimensions	44.17"x1.97"x0.43" (1122x50x11mm)	
Weight	1.9 lbs (0.86 kg)	
Mounting height	6-36" (152-914mm)	
Dimmable	0-10V	
IP rating	IP65	
Lifetime	50,000 hours	
Warranty	5 years	
Certifications	ETL (pending), DLC (pending)	
Optional accessories	320/480/600W driver, installation hardware, 8.2' 120/240/277V NEMA power cord, 1' daisy chain cable, 0-10V dimming cable	

AG-LPE-75-ES-DS-041724