

# Keep growing

**Pozeen**  
QUALITY . VALUE



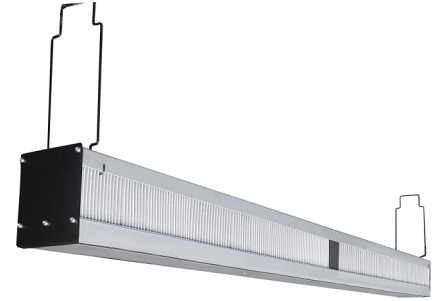
## GLPG LED Grow Light

### Features & Benefits

- Optimized spectrum proven by growers for veg and flowering
- Scientifically engineered to maximize photosynthesis, growth, and yield
- Superior delivered PPF and PAR exceeding 1000 W HPS
- More than 50% energy saving than traditional HID and HPS
- IP66 mechanical design

### Intended Applications

- Greenhouse growing



### Ordering Information

Family	Rated Power	Input Volt	Spectrum	Controls	Option
GLPG	320 320W 630 630W	HU 120-277 HH 347/480	36R Greenhouse	D 0-10V Dimming	Blank Glass Lens

### Options & Accessories

#### Factory Installed Options

N/A

#### Field Installed Accessories

DC Cable 2FT  
AC Power Cable 4FT

## Performance Summary

Power Factor	0.9 min.
THD	20% max.
Thermal Management	Passive
Controls	0-10V dimming (10%-100%) Wireless smart control system
Operating Temp.	-40°C to 50°C
Ingress Protection	Wet location
Q70 Life	50,000 hours
Warranty	5 years
UL	Pending
DLC	Pending

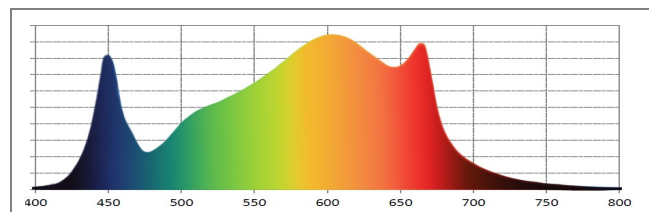
## Nominal Electrical AC Input

AC Voltage	120V	208V	230V	277V
AC Current	5.25A	3.03A	2.74A	2.27A
AC Power	300W	300W	300W	300W
Power Factor	0.999	0.983	0.974	0.953
Input Freq.	50/60Hz	50/60Hz	50/60Hz	50/60Hz

## Heat Load

Heat Load Per Fixture	2148 BTU
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## Spectral Distribution



## Recommended Application

Greenhouse	4-5ft wide benches, 2ft from canopy
Open Bench or Multi-layer	One fixture per 4x4ft, 2ft from canopy
Tent	4x4ft to 5x5ft, 2ft from canopy

## Dimensional Drawing

Length (L)	49.00" (1248mm)
Width (W)	3.27" (83mm)
Height (H)	3.78" (96mm)

## Performance Data

Model	Input Voltage	Input Power	PPF	PPE	UL	DLC
GLPG630HU36RD	120-277V	630W	1575 $\mu\text{mol/s}$ @ 100%	2.5 $\mu\text{mol/J}$ @ 230V	Pending	Pending

## PPFD Reading

3' Height									
24"	341				419				336
18"		484			559			478	
12"			713		805		999		
6"				1003	1016	999			
0"	766	905	1027	1103	1124	1099	1021	900	759
6"				998	1013	994			
12"			708		799		701		
18"		480			552			474	
24"	335				412				329
	24"	18"	12"	6"	0"	6"	12"	18"	24"

## Performance Summary

Power Factor	0.9 min.
THD	20% max.
Thermal Management	Passive
Controls	0-10V dimming (10%-100%) Wireless smart control system
Operating Temp.	-40°C to 50°C
Ingress Protection	Wet location
Q70 Life	50,000 hours
Warranty	5 years
UL	Pending
DLC	Pending

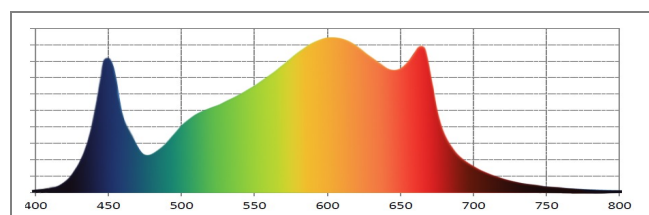
## Nominal Electrical AC Input

AC Voltage	120V	208V	230V	277V
AC Current	2.67A	1.54A	1.39A	1.16A
AC Power	320W	320W	320W	320W
Power Factor	0.999	0.983	0.974	0.953
Input Freq.	50/60Hz	50/60Hz	50/60Hz	50/60Hz

## Heat Load

Heat Load Per Fixture	1091 BTU
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## Spectral Distribution



## Recommended Application

Greenhouse	4-5ft wide benches, 1ft from canopy
Open Bench or Multi-layer	One fixture per 4x4ft, 1ft from canopy
Tent	4x4ft to 5x5ft, 1ft from canopy

## Dimensional Drawing

Length (L)	24.00" (650mm)
Width (W)	3.27" (83mm)
Height (H)	3.78" (96mm)

## Performance Data

Model	Input Voltage	Input Power	PPF	PPE	UL	DLC
GLPG320HU36RD	120-277V	320W	800 $\mu\text{mol/s}$ @ 100%	2.5 $\mu\text{mol/J}$ @ 230V	Pending	Pending