



Keep Growing

LED Growing Light

Features & Benefits

- Input voltage 100-277VAC 50/60Hz.
- No UV or IR in the beam.
- Output constant current level can be adjusted through output cable with 0-10V.
- Easy to install and operate.
- Energy saving, long lifespan.
- Light is soft and uniform, safe to eyes.
- Instant start, NO flickering, NO humming.
- Can be connected in parallel 20 according to customer requirements.
- Green and eco-friendly without mercury.

Intended Applications

- Green House;
- Vertical Farming;
- Marijuana Cultivation;



Ordering Information

HG-GPL-ABCDE-FGH

Code	A	B	C	D	E	F	G	H
Company	Rated Power	Input Volt	Driver brand	Dimming	LED CHIP	Dimension	Structure	Color
HG-GPL	640W 660W 720W 960W	L-AC100-277V	1-5	Blank-non-dimming D-Dimming	1-5	S M	2-Folded	SL-Sliver

Options & Accessories

Factory Installed Options

1. Tablet Controller
2. RJ11 junction plate

Field Installed Accessories(Included)

- 1x Manual instruction
- 1x Smart Control Manual
- 1x Data cable 8ft
- 1x AC Power cord 6ft
- 2x Hanging Rope



Safety Certificate
Certified by ETL and meets UL8800 standard

Built-in Dimmer Switch
0-100%
Dim to OFF; Boost to 100%

Dedicated Spectrum
Optimized spectrums for marijuana

Precise Control
Standard-alone with the factory
installed dimmer
Master-slave control with provided
RJ11 Cord

Safe Electric
UL certified LED drivers, which is safer to
humans Constant current circuit, maximize
LED performance and reliability



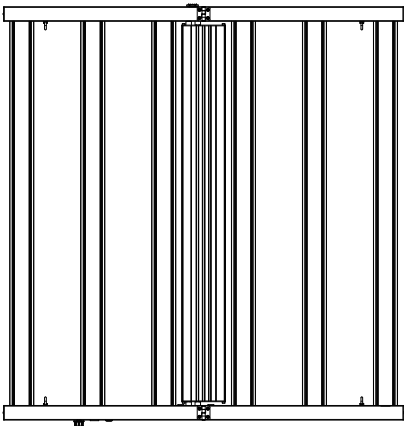
640W

Features & Benefits

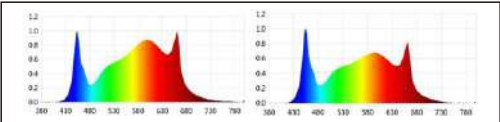
Input Power	640W
Photosynthetic photon flux	1728 μmol/s
Luminous Efficacy	2.7μmol/J
Viewing Angle	120°
Spectrum	Full Spectrum
CRI	>80(white)
Input Voltage	100-277VAC 50/60Hz
PF	≥0.9
THD	≤15%
Driver Surge protection	L/N-PE: 6kV, L-N: 4kV
Dimming	0-10V Dimming
LED Type	SMD2835+SMD3030
Housing	Aluminum Alloy
Housing Color	Silver
IP Rating / Environment	IP54 / Damp Location
Operating Temperature	-40°C to +50°C
Operating Humidity	10%-90% RH
Storage Temperature	-40°C to +80°C
Storage Humidity	10%-95% RH
Warranty Time	5 Years warranty with 24/7 operating hours Luminaire lifetime at 25°C
N.W (KG)	9.5
G.W (KG)	12.6
Packing Dimension(mm)	1190x140x655

Dimensional Drawing

Length (L)	1135mm (44.68")
Width (W)	1100mm (43.31")
Height (H)	65mm (2.56")



Spectral Distribution



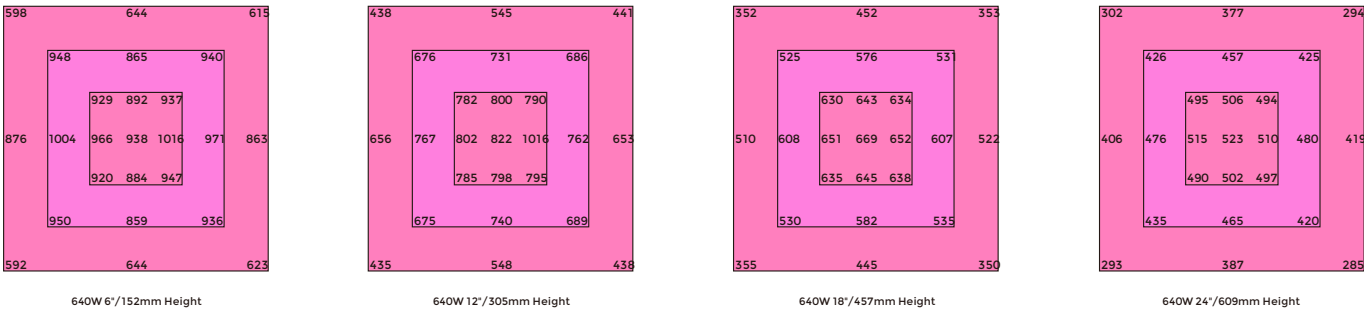
Recommended Application

Multi-layer	4-5ft wide benches, 4-6 in from canopy
Room	One fixture per 4x4ft
Tent	4x4ft to 5x5ft

Performance Data

Model	Input Voltage	Input Power	PPF	PPE	ETL	DLC
HG-GPL-640WL2D1-S2SL	AC100-277V	640W	1728 μmol/s	2.7μmol/J	Yes	Yes

PPFD Reading



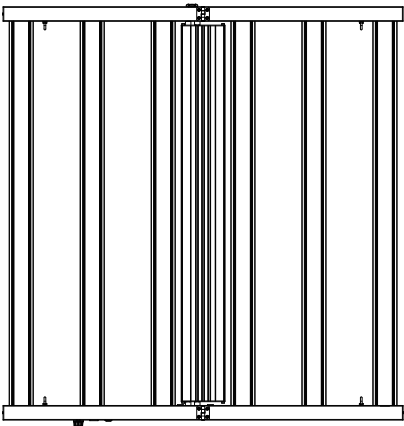
660W

Features & Benefits

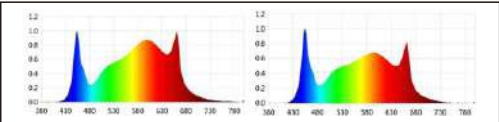
Input Power	660W
Photosynthetic photon flux	1850 μmol/s
Luminous Efficacy	2.8μmol/J
Viewing Angle	120°
Spectrum	Full Spectrum
CRI	>80(white)
Input Voltage	100-277VAC 50/60Hz
PF	≥0.9
THD	≤15%
Driver Surge protection	L/N-PE: 6kV, L-N: 4kV
Dimming	0-10V Dimming
LED Type	SMD2835+SMD3030
Housing	Aluminum Alloy
Housing Color	Silver
IP Rating / Environment	IP54 / Damp Location
Operating Temperature	-40°C to +50°C
Operating Humidity	10%-90% RH
Storage Temperature	-40°C to +80°C
Storage Humidity	10%-95% RH
Warranty Time	5 Years warranty with 24/7 operating hours Luminaire lifetime at 25°C
N.W (KG)	12.3
G.W (KG)	15.4
Packing Dimension(mm)	1190x140x655

Dimensional Drawing

Length (L)	1135mm (44.68")
Width (W)	1100mm (43.31")
Height (H)	65mm (2.56")



Spectral Distribution



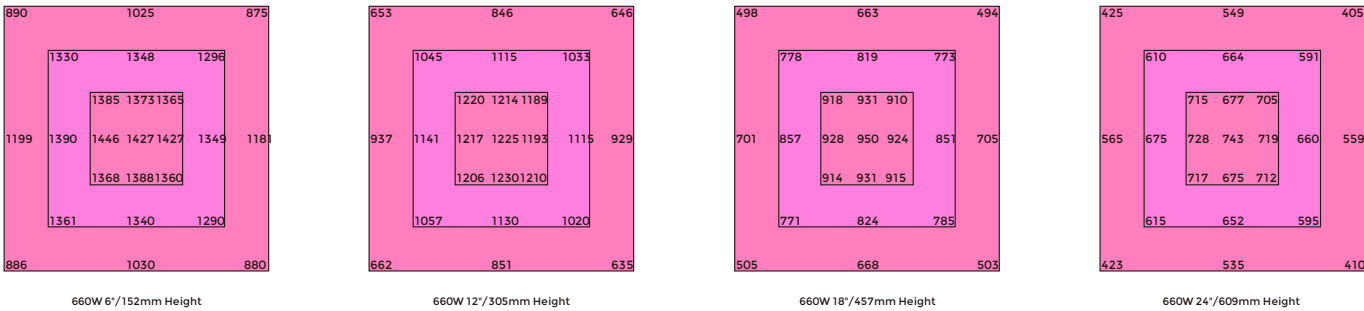
Recommended Application

Multi-layer	4-5ft wide benches, 4-6 in from canopy
Room	One fixture per 4x4ft
Tent	4x4ft to 5x5ft

Performance Data

Model	Input Voltage	Input Power	PPF	PPE	ETL	DLC
HG-GPL-660WL1D1-S2SL	AC100-277V	660W	1850 μmol/s	2.8μmol/J	Yes	Yes

PPFD Reading



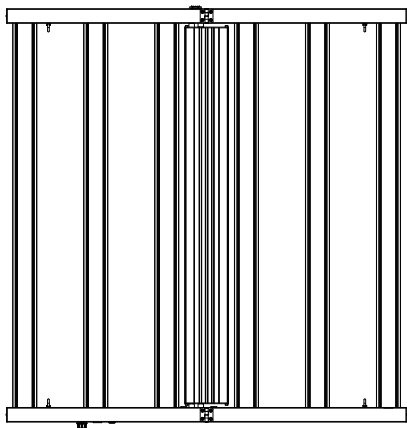
720W

Features & Benefits

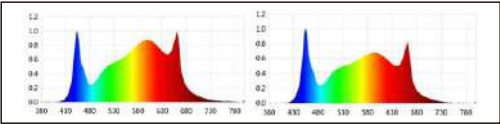
Input Power	720W
Photosynthetic photon flux	2016 μmol/s
Luminous Efficacy	2.8μmol/J
Viewing Angle	120°
Spectrum	Full Spectrum
CRI	>80(white)
Input Voltage	100-277VAC 50/60Hz
PF	≥0.9
THD	≤15%
Driver Surge protection	L/N-PE: 6kV, L-N: 4kV
Dimming	0-10V Dimming
LED Type	SMD2835+SMD3030
Housing	Aluminum Alloy
Housing Color	Silver
IP Rating / Environment	IP54 / Damp Location
Operating Temperature	-40°C to +50°C
Operating Humidity	10%-90% RH
Storage Temperature	-40°C to +80°C
Storage Humidity	10%-95% RH
Warranty Time	5 Years warranty with 24/7 operating hours Luminaire lifetime at 25°C
N.W (KG)	13.1
G.W (KG)	16.2
Packing Dimension(mm)	1190x140x655

Dimensional Drawing

Length (L)	1135mm (44.68")
Width (W)	1100mm (43.31")
Height (H)	65mm (2.56")



Spectral Distribution



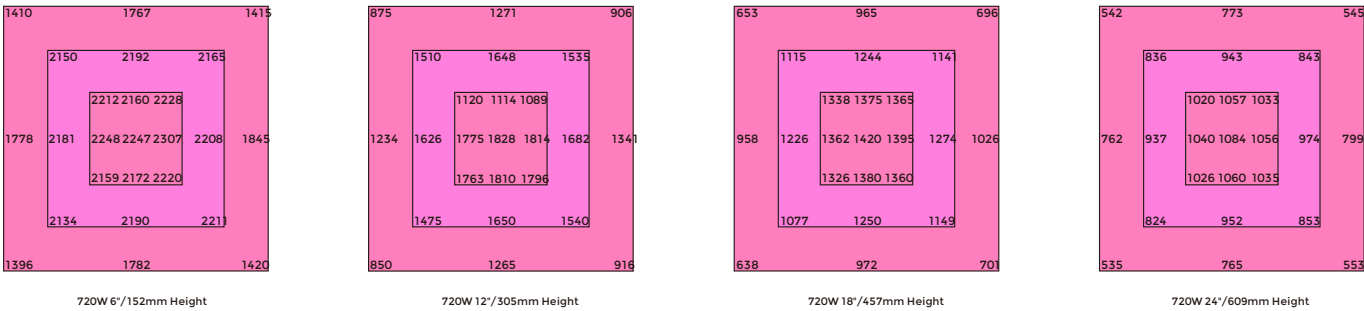
Recommended Application

Multi-layer	4-5ft wide benches, 4-6 in from canopy
Room	One fixture per 4x4ft
Tent	4x4ft to 5x5ft

Performance Data

Model	Input Voltage	Input Power	PPF	PPE	ETL	DLC
HG-GPL-720WL1D1-S2SL	AC100-277V	720W	2016 μmol/s	2.8μmol/J	Yes	Yes

PPFD Reading



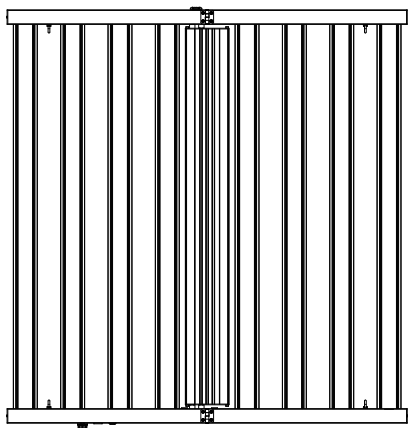
960W

Features & Benefits

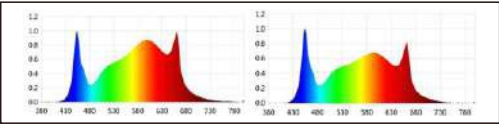
Input Power	960W
Photosynthetic photon flux	2690 μmol/s
Luminous Efficacy	2.8μmol/J
Viewing Angle	120°
Spectrum	Full Spectrum
CRI	>80(white)
Input Voltage	100-277VAC 50/60Hz
PF	≥0.9
THD	≤15%
Driver Surge protection	L/N-PE: 6kV, L-N: 4kV
Dimming	0-10V Dimming
LED Type	SMD2835+SMD3030
Housing	Aluminum Alloy
Housing Color	Silver
IP Rating / Environment	IP54 / Damp Location
Operating Temperature	-40°C to +50°C
Operating Humidity	10%-90% RH
Storage Temperature	-40°C to +80°C
Storage Humidity	10%-95% RH
Warranty Time	5 Years warranty with 24/7 operating hours Luminaire lifetime at 25°C
N.W (KG)	14.5
G.W (KG)	17.7
Packing Dimension(mm)	1190x140x655

Dimensional Drawing

Length (L)	1135mm (44.68")
Width (W)	1100mm (43.31")
Height (H)	65mm (2.56")



Spectral Distribution



Recommended Application

Multi-layer	4-5ft wide benches, 4-6 in from canopy
Room	One fixture per 4x4ft
Tent	4x4ft to 5x5ft

Performance Data

Model	Input Voltage	Input Power	PPF	PPE	ETL	DLC
HG-GPL-960WL1D1-M2SL	AC100-277V	960W	2690 μmol/s	2.8μmol/J	Yes	Yes

PPFD Reading

