

Solutions for every stage of growth with Philips GreenPower LED gridlighting

Key benefits

- Consistent intensity and optimal uniformity
- Easy cleaning
- Allows light to penetrate to lower areas of the canopy
- Movable hooks for installation flexibility
- Operating voltage 120 – 480 V
- Compatible with 3rd party 0 – 10 V controls
- Philips quality built for longevity

Product details

| | |
|--------------|-----------------------------|
| Brand | Philips |
| Product name | GreenPower LED gridlighting |
| Beam angle | Standard beam 120° |
| Q90 | 50,000 hrs |

Environment

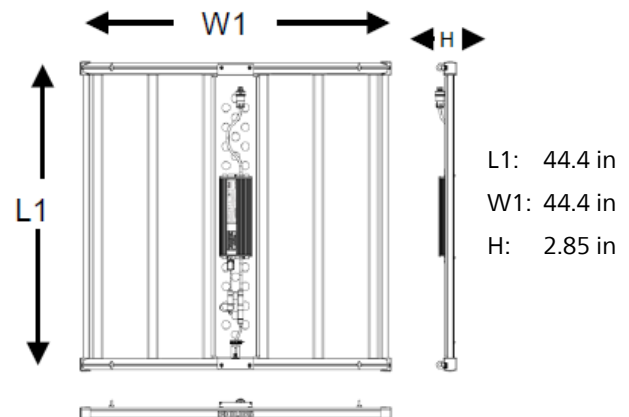
| | |
|------------------------|--------------------------------------|
| Ambient operating temp | 0°C – 35 °C Max 32 °F – 95 °F Max |
| Thermal management | Passive |
| Approval marks | UL8800, CSA, FCC, CE |
| IP rating | IP66 |

Electrical specifications summary

| | |
|---------------------------|------------------------------|
| Photon flux | 900 – 1900 $\mu\text{mol/s}$ |
| Efficacy | 2.7 – 3.3 $\mu\text{mol/j}$ |
| Input power | 275 – 640 W |
| Electrical frequency | 50/60 Hz |
| Power factor | > 0.95 |
| Total harmonic distortion | < 15% |
| Dimming | 10 – 100% (0 – 10 V), Off |

Dimensions

| | | | |
|--------|------------------|--------|--------------------|
| Length | 1.13 m • 44.4 in | Height | 0.07 m • 2.85 in |
| Width | 1.13 m • 44.4 in | Weight | 12.5 kg • 27.55 lb |



Features unique to Philips LED gridlighting



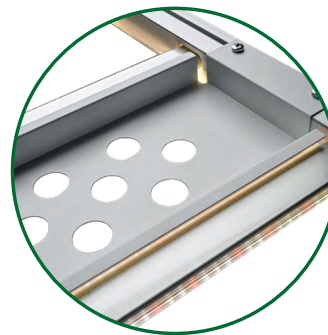
Movable hooks allow for installation flexibility and precision placement



Covered LED boards offer easy cleaning, slowing light depreciation, and provide superior optical performance for improved uniformity



Includes dimming cable adapter — open for 3rd party controllers



Ventilation holes to help regulate temperature and allow for proper airflow

Spectrum offerings for every stage of growth

Efficient white (DRWMB)

Drives superior plant development in vegetative stage

| Product Description | Photon Flux $\mu\text{mol/s}$ | Efficacy $\mu\text{mol/j}$ | Power | Input |
|--------------------------------------|-------------------------------|----------------------------|-------|-------------|
| GPL GL 900 DRWMB 277 – 480 V 1.1D NA | 900 | 3.3 | 275 W | 277 – 480 V |

Broad white (VSN2)

Optimized spectrum producing premium flower

| Product Description | Photon Flux $\mu\text{mol/s}$ | Efficacy $\mu\text{mol/j}$ | Power | Input |
|--|-------------------------------|----------------------------|-------|-------------|
| GPL GL 1700 DRW_VSN2 120 – 277 V 1.1D | 1700 | 2.7 | 640 W | 120 – 277 V |
| GPL GL 1700 DRW_VSN2 277 – 480 V 1.1D NA | 1700 | 2.7 | 640 W | 347 – 480 V |

Efficient broad white (EBW)

Most efficient solution for flowering stage at $\sim 3.0 \mu\text{mol/J}$

| Product Description | Photon Flux $\mu\text{mol/s}$ | Efficacy $\mu\text{mol/j}$ | Power | Input |
|---|-------------------------------|----------------------------|-------|-------------|
| GPL GL 1900 DRW_EBW 120 – 277 V 1.1D | 1900 | 3.0 | 640 W | 120 – 277 V |
| GPL GL 1900 DRW_EBW 277 – 480 V 1.1D NA | 1900 | 3.0 | 640 W | 347 – 480 V |

“The partnership between Balanced Los Angeles and Philips Lighting, I see our whole facility going to the Philips LED gridlighting, the results I’ve been getting from this room is what’s making me confident this relationship is just the beginning.”



Hear the
Balanced L.A. story

— Augie Simoncini, Balanced Los Angeles



Your investment in Philips LEDs gets you more than just a fixture

Assisting growers with a smart customized lighting strategy is foundational to the Philips LED horticulture lighting approach. We offer:

- **Plant growth expertise & support**
From initial light design through cultivation and harvest, our plant specialists will check in on your progress and outcomes to ensure cultivation success
- **Installation expertise & support**
We develop customized light plans to ensure crop uniformity, validate light levels, and provide guidance on installation
- **Business case development**
We can work up a business case that incorporates your investment along with fixture usage and longevity, and the reduction in energy consumption



More questions?

Send us an email:
horti.info@signify.com

Check us out on our website or
follow us on our social channels:

www.philips.com/horti

 Philips Horticulture LED Solutions

 @philipshortimj

 PhilipsHorticulture



© 2024 Signify Holding. All rights reserved. The information provided herein is subject to change, without notice. Signify does not give any representation or warranty as to the accuracy or completeness of the information included herein and shall not be liable for any action in reliance thereon. The information presented in this document is not intended as any commercial offer and does not form part of any quotation or contract. Philips and the Philips Shield Emblem are registered trademarks of Koninklijke Philips N.V. All other trademarks are owned by Signify Holding or their respective owners.

Document order number: LED-ETS-GL-2024-1
Data subject to change.