

PHILIPS

Horticulture LED

GreenPower LED
gridlighting



Dimmable full-cycle solution for light-loving crops

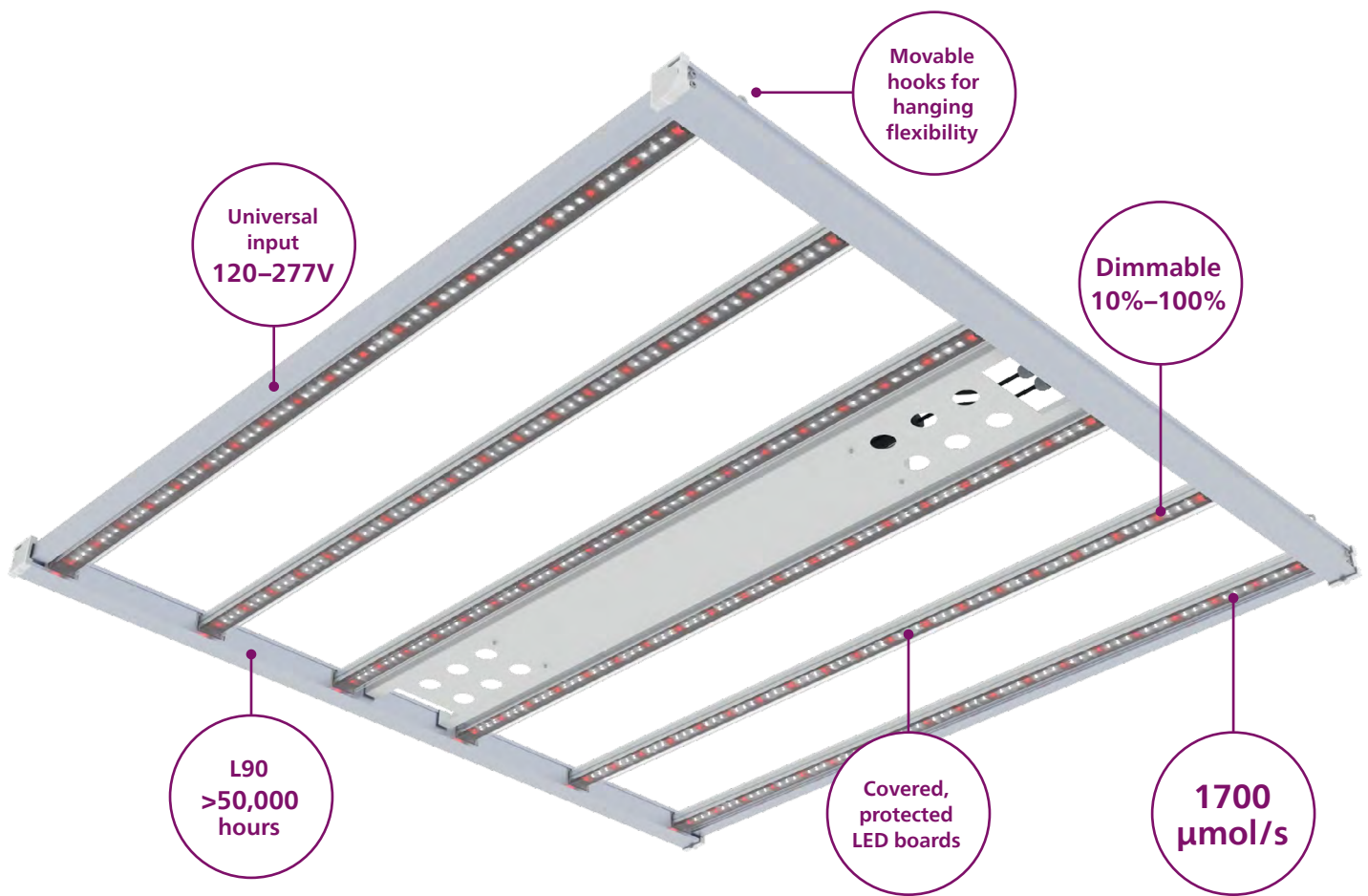
The Philips GreenPower LED gridlighting is specifically designed for cultivators growing on benches or vertical rack systems. Gridlighting is an ideal solution for commercial cannabis cultivation facilities and smaller grow operations.

With its six light bars, the Philips gridlighting is optimized to cover a 4'x4' area, providing flawless canopy light uniformity, to steer uniform bud development and grow more top-shelf flowers. Whether you are cultivating your cannabis in a grow tent or in a vertical rack, movable eye hooks on the Philips gridlighting makes it easy to attach adjustable cabling.

The Philips LED gridlighting enables excellent yields with consistent cannabinoid values. The results: consistent harvest schedule, shorter crop cycles than with HPS, and more predictable production.

Key benefits

- Enables excellent yields with consistent cannabinoid values.
- Easy plug-and-play installation with movable eye hooks.
- Offers 0–10 volt dimming to support growth through every cultivation phase.
- A robust design for greater reliability.



An easy-to-install solution for cultivators growing on benches or tiered racks.

The Philips GreenPower LED gridlighting's slim, sleek design, which locates the driver between the bars, maximizes vertical space usage. This space efficiency also means high uniformity close to the lighting fixture. The broad-spectrum light allows for easy inspection in indoor grow facilities. The grow light connects from 120–277 voltage and is especially designed with discreet cabling that is easy to manage, minimizes plant damage and keeps facilities' workers safe. The thermodynamically balanced passive cooling keeps the unit operating at peak efficiency with a light output of 1700 $\mu\text{mol/s}$.

In addition, users can dim levels to provide precise light intensities during each growth phase. The Philips LED gridlighting offers 0–10 volt dimming to support plant growth through every phase, from propagation to flowering, and comes packaged with a 12" (30.5 cm) data cable.

Product specifications

Spectral version		Deep Red/White
Typical photon flux	$\mu\text{mol/s}$	1700
Power consumption (max.)	W	640
Efficacy	$\mu\text{mol/J}$	2.7
Light distribution		Standard beam angle 120°
Dimmable ¹		10%–100%
Input voltage ²	VAC	120–277 V
Dimensions	in/mm	L: 44.4 in 1.13 m W: 44.4 in 1.13 m H: 2.85 in 0.07 m
Weight	lb/kg	27.5 lb 12.5 kg
Power factor		=>0.99 @ 120V, =>0.98 @ 240V-277V
Rated Average Lifetime ³	hrs	L90: >50,000 hrs
Ingress protection rating		IP66 (Damp wet)
Cooling		Passively cooled
Approval marks		UL8800, CSA, FCC
Connector		Wieland RST20i3

¹ 0–10V dimming interface.

² 50–60Hz universal mains input.

³ All measured lifetimes are industry standard measurements indicating average length of operation and not a performance claim specific to any individual product.



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Document order number: 4422 957 13116 A
01/2023 | Data subject to change

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