

PHILIPS

Horticulture LED

GreenPower LED
gridlighting



Sleek LED lighting for growing top-shelf flowers

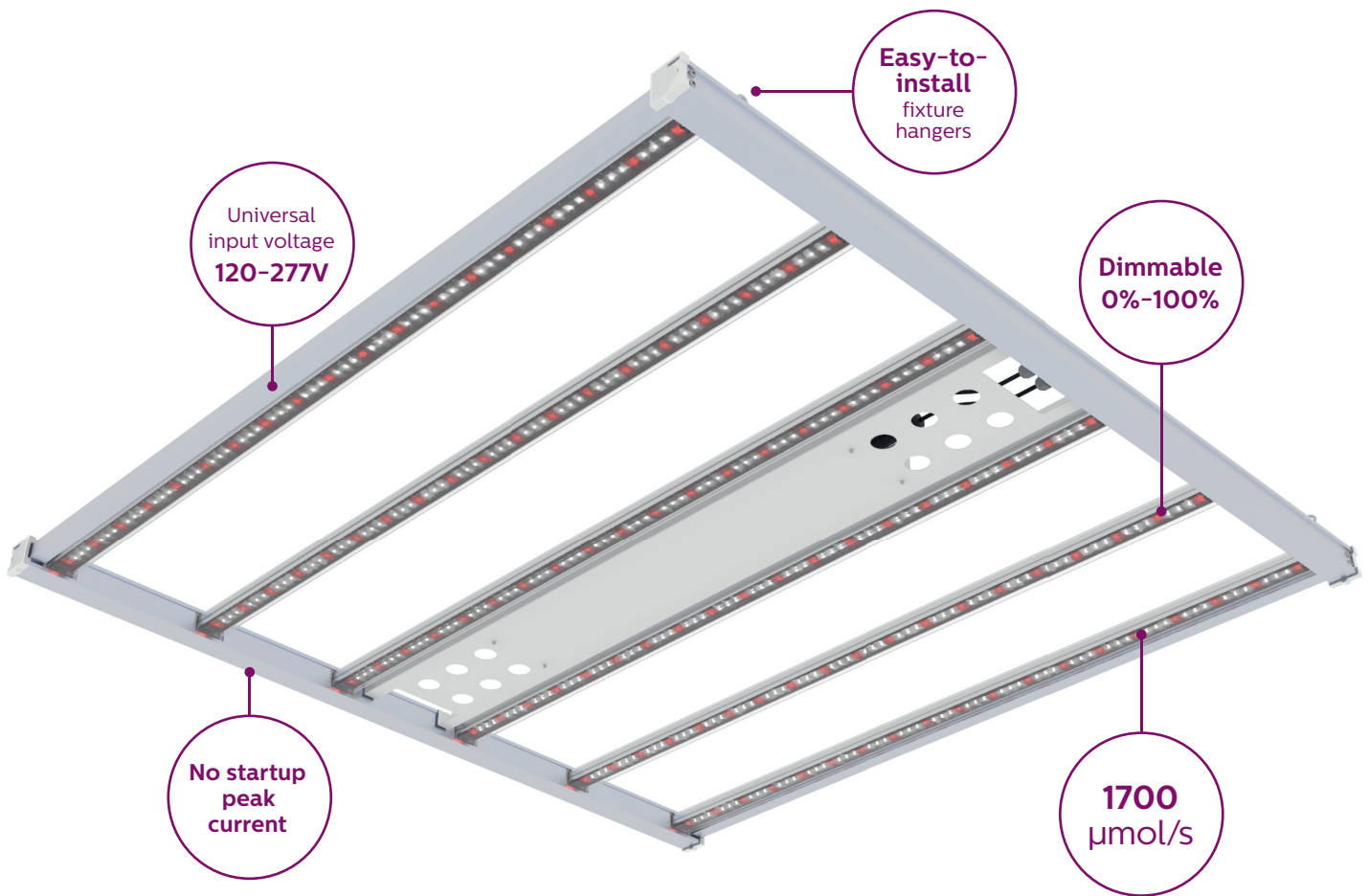
The Philips GreenPower LED gridlighting is specifically designed for cultivators growing on benches or tiered racking. The grow light is an ideal solution for commercial cannabis cultivation facilities and smaller grow operations.

With its six light bars, the fixture is optimized to cover a 4'x4' area, providing flawless canopy light uniformity, to steer uniform bud development and grow more top-shelf flowers. The results: consistent harvest schedule, shorter crop cycles than with HPS and more predictable production.

The GreenPower LED gridlighting enables excellent yields with consistent cannabinoid values. It's easy to deploy, with adjustable cables or fixed position hooks, ensuring plug-and-play installation from grow tent to commercial vertical racking applications.

Key benefits

- Enables excellent yields with consistent cannabinoid values.
- Ensure plug-and-play installation with adjustable cables or fixed position hooks.
- Offers 0-10 Volt dimming pre-sets to support plant growth through every phase.
- A robust design provides optimal performance.



A sleek, easy-to-install solution for cultivators growing on benches or tiered racking.

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 full-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 diodes 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 GreenPower LED gridlighting offers 0-10 Volt dimming pre-sets to support plant growth through every phase, from propagation to flowering through a rotary dimmer steering either one or several racks at once.

Product specifications GreenPower LED gridlighting

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 ³	mm	Length: 1196 Width: 1196 Height: 80
Weight	kg	12.5
Power factor		0.95 @ 120 V
Rated Average Lifetime ⁴	hrs	L95 : 36.000
Ingress protection rating		IP66 (Damp wet)
Cooling		Passively air-cooled
Approval marks		UL8800, CSA, FCC
Connector		Wieland RST16 3P
Accessories		Light fixture hangers for easy and quick installation

¹ 0-10V dimming interface (E.g. compatible with GrowWise control system).

² 50-60Hz universal mains input, (no inrush current at start-up).

³ Low profile gridlighting including gear-tray for the driver, cabling integrated.

⁴ Lifetime and maintenance values are given at ambient temperature of 25°C / 77°F. 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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