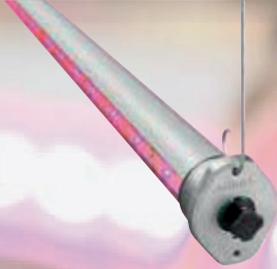


PHILIPS

Horticulture LED Solutions

GreenPower LED
interlighting



HORTICOOP
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The right light and energy efficiency for year-round production

More light where your high-wire crops need it most

As a high-wire grower, you know that light doesn't always reach the lower parts of your plants, which can limit growth and yield potential. Philips GreenPower LED interlighting solves this challenge by bringing light directly into the canopy, stimulating photosynthesis in areas that typically receive less light.

Designed based on input from growers worldwide, this interlighting solution enhances year-round production, helping you grow and harvest fresh, flavorful tomatoes, cucumbers, and peppers—no matter where you are or what energy costs you face.

Fast, cost-effective installation

The plug-and-play system simplifies installation, reducing costs and setup time. With daisy-chaining capability, up to 54* interlighting modules can be connected with just one power connection, minimizing materials and labor. The flexible cable system allows growers to adjust the height easily, ensuring optimal lighting conditions throughout the entire growing cycle.

Key benefits

- Boost production with delivering light between canopy up to 3.8 $\mu\text{mol}/\text{J}$ system efficacy.
- Minimize energy costs with the most efficient interlighting module for your setup.
- Reduce installation costs with plug-and-play design and daisy-chaining for up to 54 modules on one power connection.
- Flexible and adjustable, allowing easy height adjustments to optimize light distribution as crops grow

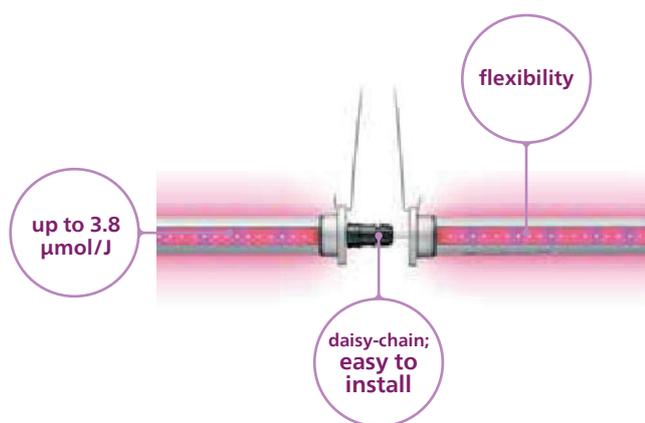
* Based on a 440 $\mu\text{mol}/\text{s}$ - 400V application in Europe

Options to suit your growing strategy

Philips GreenPower LED Interlighting is available in two versions to meet different growing needs, allowing growers to choose the best balance between maximum yield and energy efficiency.

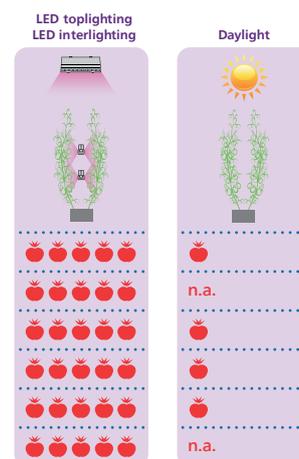
The high-output module (440 $\mu\text{mol/s}$, 3.8 $\mu\text{mol/J}$) delivers more light for maximum crop potential, ensuring the highest possible yields. For growers looking to optimize energy costs while increasing production, the energy-efficient module (300 $\mu\text{mol/s}$, 3.8 $\mu\text{mol/J}$) provides a cost-effective solution — especially for tomatoes and cucumbers, which can thrive under varying light intensities.

The system comes in a 2 meter and 2.5 meter version, allowing you to tailor it to your specific situation and get a uniform light distribution right until the end of each row.



Value of natural and supplemental light sources

- Flexibility in planting scheme
- Number of lighting hours possible
- Healthy crop
- Yield potential
- Climate control
- Yield kWh



Spectral code		2.5 m / 98"		2.0 m / 80"	
		HO	EHO	HO	EHO
Typical photon flux	$\mu\text{mol/s}$	300	440	240	350
Power consumption (max)	W	80	117	64	100
Efficacy	$\mu\text{mol/J}$	3.8	3.8	3.8	3.7
Input Voltage ¹	VAC	200-400V	277-400V	200-400V	277-400V
Dimensions cap	cm	6.5 x 7.9		6.5 x 7.9	
Dimensions cap	inch	2.55 x 3.11		2.55 x 3.11	
Weight	kg	2.5		2.2	
Power factor		> 0.9			
Rated Average Lifetime ²	hrs	36000 Q90			
Ingress protection rating		IP66 wet locations			
Cooling		Passively air-cooled			
Approval marks		CE, UL/CSA, PSE			
Connector		Wieland RST20i3 Green			
Accessories		Full range of brackets available for easy and quick installation			

HO = high output (200-400V input)
EHO = extra high output (277-400V input)

¹ 50-60 Hz

² Lifetime and maintenance values are given at an 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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