PHILIPS

Horticulture
LED Solutions

GreenPower
LED interlighting
module

# The right light and energy efficiency **for year-round production**

Whether you are a high wire grower in the United Kingdom, Finland, Canada or France, get a better, more energy efficient lighting solution to grow right through the darker periods during the year. Based on input from growers around the world, our new GreenPower LED interlighting allows you to grow and harvest fresh and flavorful vegetables and fruits year round, no matter where you are or what energy prices you face. Placing light between your plants lets you achieve the maximum value and return from your production and your electricity costs for lighting.

### Plug and play system reduces installation costs

The interlighting system comes with an easy plug and play connector and just a few cables and accessories. Connect up to 64* interlighting modules with just one power connection, and save time, materials needed and installation costs, and bring the total cost of project installation down significantly.
The complete system can easily be lifted with one meter at a time, because of the flexible cable connection which again will save time and hassle. With the sidewards light distribution pattern, the leaves can optimally transform the light into growing more yield. The shape of the GreenPower LED interlighting module is designed to minimize maintenance.

* Based on a 400 V situation in Europe

## Key benefits

- Boost production by applying the right light at the right spot with a system efficacy of up to 3.0 µmol/J.
- Minimize your energy costs by choosing the most efficient interlighting module for your situation.
- Reduce installation costs thanks to daisy-chaining and plug and play design.
- Easy to install and maintain.

# **Choose the best value** for your situation

| Specifications | | 2.5 m / 98” | | 2 m / 80” | |
|---|---|---|---|---|---|
| | | RO | HO | RO | HO |
| Initial Photon Flux | µmol/s | 220 | 300 | 175 | 240 |
| Power consumption | W | 79 | 100 | 64 | 81 |
| System efficacy | µmol/J | 2.8 | 3.0 | 2.7 | 3.0 |
| Dimensions | cm | 6.5 x 7.9 | | 6.5 x 7.9 | |
| | inch | 2.55 x 3.11 | | 2.55 x 3.11 | |
| Weight (driver included) | kg | 2.5 | | 2.2 | |
| Power factor | | > 0.9 | | | |
| Power input | V AC* | 200-400 | | | |
| Ingress protection rating | | IP66 | | | |
| Lifetime | hrs** | 25.000 | | | |
| Approval marks | | CE, PSE, AS/NZS 60598, UL/CSA | | | |
| Warranty | | 3 years | | | |

RO = regular output
HO = high output

* 50-60 Hz
** L90B50 (90% flux maintenance) (Ta 25 °C / 77 °F)

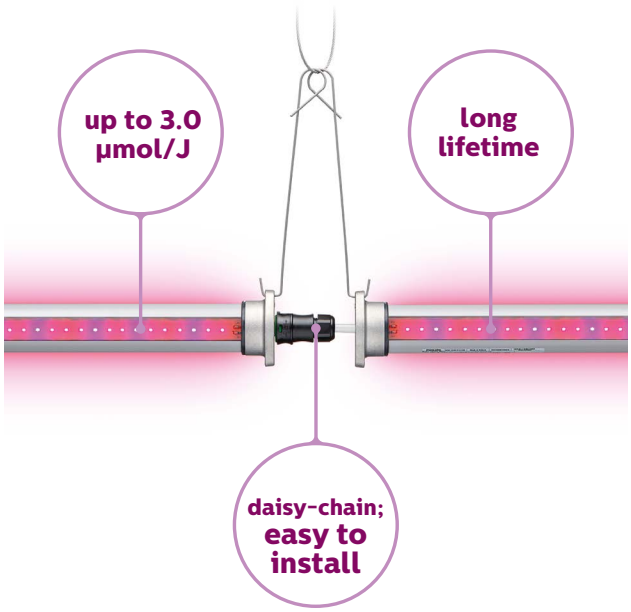
Placing lighting within the canopy of your high wire plants directs and focuses growth-stimulating light on the most vital part of the crop. You can then get the most out of your crop with a reduced energy usage during the complete lifetime of your interlighting.

To help you get the best solution for your situation, we offer two versions of the GreenPower LED interlighting system.

In case you’re a grower and want to apply the highest amount of light possible and get the most yield possible, you’d best install the GreenPower LED interlighting module high output version with 300 µmol/s light output and a system efficacy of 3.0 µmol/J.

The interlighting module with 220 µmol/s light output and 2.8 µmol/J light efficiency gives you exactly what you need to increase your yields, when you’re facing high energy costs, and can be especially beneficial for increasing yields of e.g. tomatoes and cucumbers, which are not affected by higher light levels.

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.

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