

Signify

Horticultural Lighting

Introduction to Philips: the world leader in lighting

With more than 80 years of horticultural lighting experience, Philips are the largest provider of science-based lighting recipes that help to boost yield and plant performance.

We have an excellent global team of application engineers and plant specialists that strive to create innovative greenhouse lighting application systems, and software that ensure energy saving benefits.

Key needs of the grower

Improve business through:



Predictable growth

LED lighting gives you better control over your climate and crop, so you can achieve high quality and yield at the right time, be it year-round or at peak moments.



Higher quality

The right light and growth recipe will help you fine-tune size, smell, taste, nutritional value compactness, etc. to grow exactly the quality that your customer demands.



Higher yield

With the addition of LED lighting from Signify, you will be able to achieve higher yield than with any other lighting solution being it natural daylight, fluorescent lighting or HPS lighting.





Most reliable LED lighting suited for horticulture



Extensive lighting knowledge and plant expertise



Understand the growers business thanks to our Horti experience and global network

Our value proposition for horticulture

Horticulture LED technologies can provide growers with all key ingredients to realise their recipes for growth.

Horticulture trends

A changing world is our opportunity

- Conscious consumers
- Growing population
- Climate change
- Sustainability
- Urbanisation
- Plants as medicine
- Scarce resources

High Tech horticulture with Philips LED lighting could be an answer

- Predictable quality
- Locally produce
- Sustainable
- Year round growing
- Taste, nutrition, safety, well-being



Our LED horticultural lighting products and systems



Philips GreenPower LED toplighting compact

The easy 1:1 switch from HPS to LED lighting for light-loving crops.



Philips GreenPower LED toplighting

Linear LED toplighting to add light when there is not enough daylight for vegetables, floriculture and bio-based crops.



Philips GreenPower LED interlighting

A bi-direction module placed inside the canopy of high-wire crops.



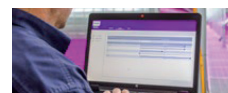
Philips GreenPower LED production module

Module for multilayer applications of both young plants and full-grown leafy greens.



Philips GreenPower LED flowering lamp

The alternative for extending day length for plants that are sensitive to the photo period.



Philips GrowWise Control System

The hardware and software system allows the grower to create and run custom light recipes.



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