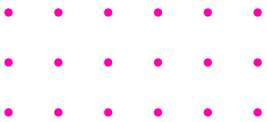









# HL11 - Horti Green

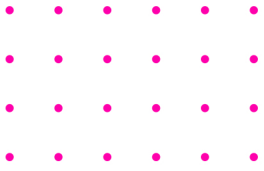
## Horticulture





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## About Us

We provide LED Lighting Solutions for farmers who do In door Farming, Vertical Farming, or Greenhouses Lumesmart's innovative LED products offer selection of colour and wavelength specific lights to promote growth in different produce varieties adjustable illumination intensity and helps to control dust keeping food fresh for longer Our energy-saving products are listed in the Ontario Made, and our DLC-certified products are allowing farmers to earn retrofit from the government.



## Our Vision

Making Peace by Saving Nature  
from the Effects of  
Global Warming



## Reducing carbon footprint by eco-friendly Lumesmart LED lighting

LumeSmart can help the greenhouse sector by providing energy-efficient and eco-friendly LED products. These solutions enable growers to reduce their carbon footprint and save on energy costs.

## Customized LED lighting solutions

LumeSmart can offer lighting systems custom-suited to the crop-specific needs of their clients, offering better performance compared to HPS lighting solutions of LED lighting systems

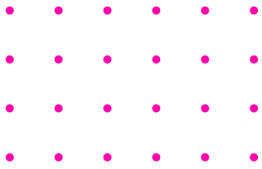


## Adjustable and personalized LED lighting solutions

Lumesmart LED systems offer customizable lighting solutions, through adjustable intensity and color spectrum, ideal for custom light formulations commonly known as 'light recipes'

## Government support through grants

The Federal and Provincial governments have both shown general support for the adoption of LED lighting systems as a method to reduce electricity consumption in the greenhouse industry. LumeSmart can leverage these grants to help offset the cost of switching to LED lighting making it a better financial decision for growers



## Best Innovative LED Solutions for Your Horticulture Industry

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We are providing the Best innovation solutions for Indoor Framing Greenhouses, Vertical Framing industries Based on our Research partnership with Niagara College Business & Commercialization Innovation Centre

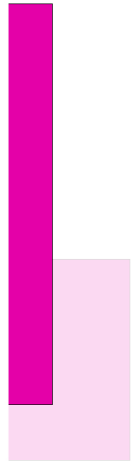
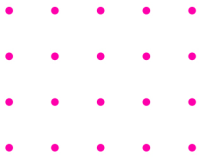


Innovative Lighting Solutions  
Government Support



Professional Engineering Team  
After Sale Support





## HL11 – Horti Green

Horti-Green can be used for complete replacement of florescent T5 fixtures or HPS/metal halide lights for inside vegging to grow moms, clones, or any starts in a completely controlled environment.



### System Efficacy

2.4  $\mu\text{mol}/\text{J}$

### Dimming

No Dimming

### IP Rating

IP65

### Certificate

ETL, CE, RoHs





## Key Features



- Simple and stylish, ultra slim design
- Linkable solution, save labor cost and installation cost easy to connect
- Light weight, easy maintenance in both transportation to meet your budget



Durable

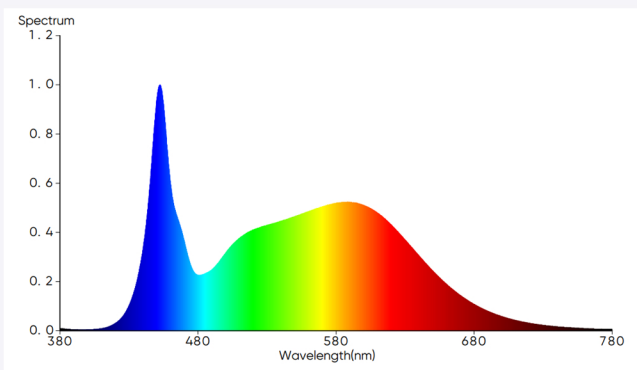
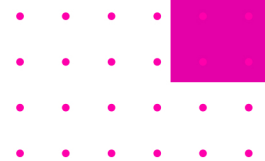


IP65



## Product Specifications

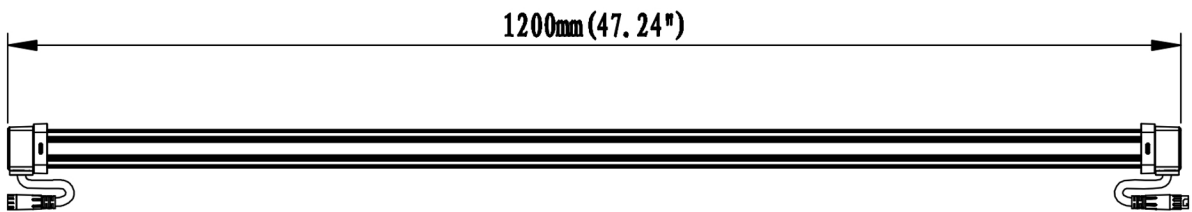
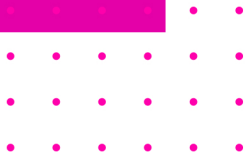
Item No	HL11-20	HL11-30
Power	20 W	30 W
PAR Output	48 $\mu\text{mol/s}$	71 $\mu\text{mol/s}$
ePAR Output	50 $\mu\text{mol/s}$	72 $\mu\text{mol/s}$
AC Input Voltage	100-240 V AC / 100-277 V AC, 50/60 Hz	
Radiation Angle	120°	
Net Weight	0.6 kg / 1.3 lbs	
Gross Weight	11.8 kg / 26 lbs 18 pcs per carton	
Dimensions	1200 x 48 x 33 mm (47.24" x 1.89" x 1.3")	



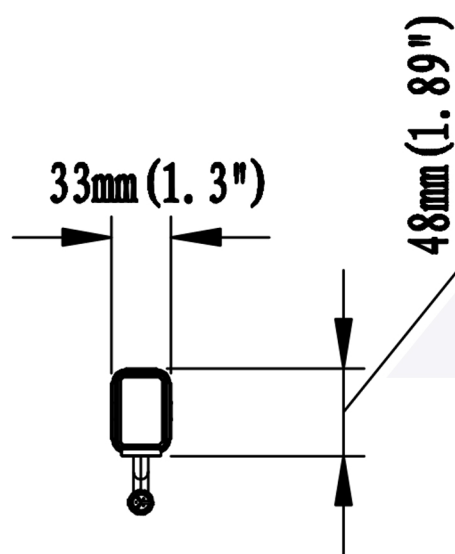
### Spectrum Solution

Horti-Green has a full-spectrum white light that mimics the sun, making it exactly what your plants crave. The spectrum is based on cooler (blue spectrum) white light, making it ideal for the vegetative and cloning stages of plant growth. The spectrum comes very close to natural daylight, truly simulating what plants have adapted to over many generations. It is especially well suited for seedling.





## Product Dimensions



**CONTACT US**



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☎ +1- 4168876977

📍 Canada, Ontario, Richmond Hill

**01**

Project  
Planning

**02**

Research  
Analysis

**03**

Execute  
Project

**04**

Make it  
Happen

We Ensure Quality, Schedule and that We're All  
Working toward Same Goal