

Niplants Large

Horticulture SOLUTIONS

The Horti series was designed using modern simulation methods in order to obtain the highest product quality.

- Based on CREE® LEDs
- 600 W power
- PWM / 1-10 V Dimming
- Up to 2,7 umol/J
- IP67
- plastic cover
- Made of an 6063 aluminium body
- Simple mounting system
- 5-year warranty



	Flowering	Vegetation
	●	●
Effective Lumen*	55 200 lm	72 000 lm
PPF	1400 umol/s	1620 umol/s
CRI	N/A	N/A
Operating Voltage	200-240VAC	
Dimming	PWM / 1-10 V / potentiometer	
Viewing Angle	120°	
Power Consumption	600W	
Operating Temperature	-20°C ÷ +55°C	
Dimensions	1080 x 780 x 85 mm	
Weight	11,5 kg	
Cable Length	0.5 m	
IP Rating	IP 65	
Lifetime**	≥65 000 h	

* Source performance in real life conditions at Ta=25°C; includes optical losses; the tolerance of source lumen output is 5%.
Low flux on Blue channel is not visible in reality – value verified and confirmed also in XM-L GEN2 – color datasheet

** Approximate lifetime of LEDs declared by Cree® at Ta=25°C (for 80% of initial light output) and other electronic components

ACCESSORIES



MOUNTING KIT

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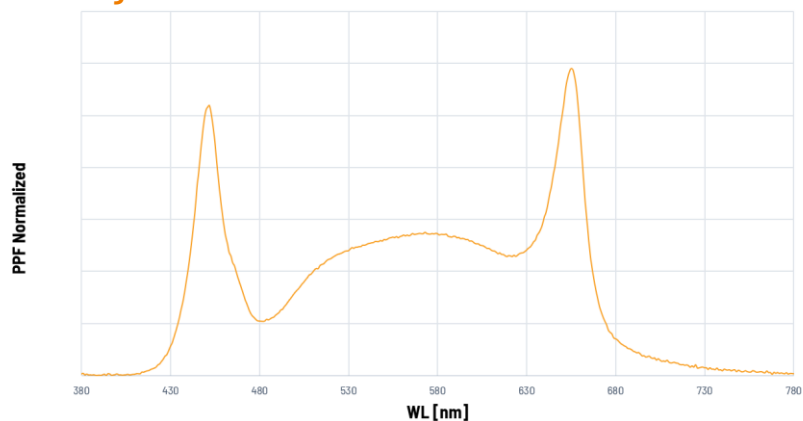
The Horticulture Greenhouse LED Lamp is a high-performance lighting solution designed for indoor horticulture applications. The lamp is built with high-quality CREE® LEDs and has a power output of 6000 watts. It also features PWM/1-10V dimming capabilities, allowing for precise light control to meet the specific needs of your plants. Dimmable is requirement of DLC 2023

With an efficacy of up to 2.7 $\mu\text{mol/J}$, this LED lamp is highly efficient and can help reduce energy costs while providing the necessary light intensity for optimal plant growth. This LED lamp is built to withstand harsh greenhouse environments with its IP67 rating, which ensures that it is resistant to dust, water, and other elements. It also comes with a glass cover to protect the LEDs from damage. Material: The lamp's body is made of 6063 aluminum, which is known for its strength and durability. This material also helps dissipate heat efficiently, ensuring that the lamp remains cool during operation. Mounting: The Horticulture Greenhouse LED Lamp features a simple mounting system that makes it easy to install and position in your grow space. Warranty: This LED lamp comes with a 5-year warranty, which provides peace of mind and ensures that you can enjoy its benefits for years to come.

CREE
LED Solution Provider



Vegetation



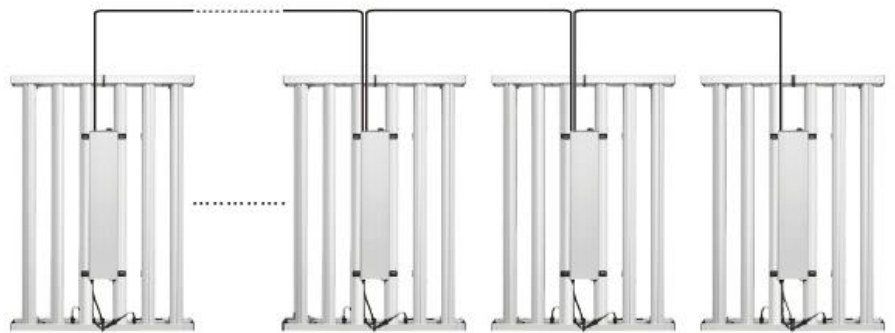
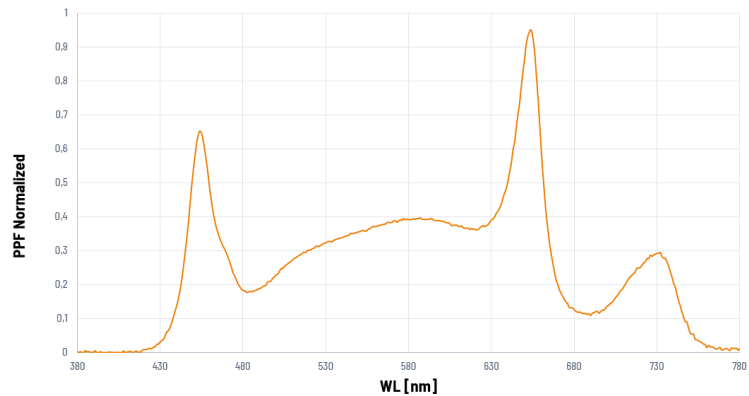
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Applications: The Horticulture Greenhouse LED Lamp is ideal for a wide range of indoor horticulture applications, including hydroponics, vertical farming, indoor gardens, and more. It can be used to grow a variety of plants, including vegetables, herbs, and flowers.

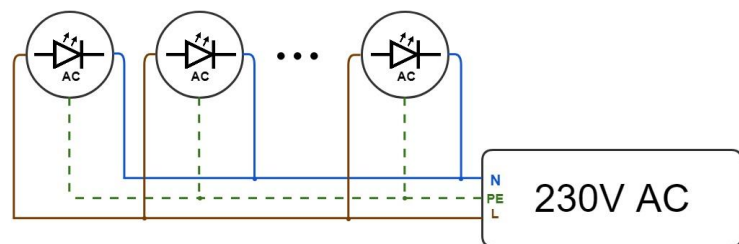
Conclusion: If you're looking for a high-quality LED lamp for your greenhouse, the Horticulture Greenhouse LED Lamp is an excellent choice. With its high efficiency, durability, and ease of installation, this lamp is sure to meet your plant's lighting needs while providing long-lasting performance.

Flowering



ELECTRICAL INSTALLATION

Connecting to the power supply should be done when the power supply is off.



ORDER CODE FORMAT

	POWER		1000- 1000 mm ON - ON/OFF PWM- PWM/1-10V DIMMING	
NiPLANTS - Large -	600	- VG -	PWM -	HV -
FAMILY		SPECTRUM VERSION XX - customized VG - Vegetation		TYPE OF POWER SUPPLY HV - High voltage 200-240V CC - Version for external power supply

GENERAL TERMS OF USE

- Before final installation, test lamp with chosen controller to be sure if lamp is compatible with dimming controller.
- Connecting to the power supply should be done when the power supply is off.

Niviss is not responsible for any damage or failure due to not comply with above rules. Otherwise, the complaint will not be taken into account.

ENVIRONMENTAL CAUTION!

It is prohibited to dispose of obsolete and waste electrical and electronic equipment together with regular household wastes. They should be properly sorted and recycled. Old electrical and electronic equipment should be returned to a waste collection point established by a waste-management service. Waste electrical and electronic equipment can be broken down to base materials and then recycled. For more information regarding waste management please contact your local authorities, waste-management service or the seller of electrical and electronic devices.