



Models

Power (W)	Ref:
<input type="checkbox"/> 600 W	77385-156353
<input type="checkbox"/> 800 W	77385-156358



Technical Details

Power:	800 W	IK Protection:	IK08
Power Factor:	0.95	Material:	PC, Aluminium
Voltage:	220-240V AC	Colour Code:	RAL 9006
Multi-Voltage:	100-240V AC	Size:	88x1105x1070 mm
Frequency:	50-60 Hz	Height:	88 mm
Protection Class:	I	Width:	1105 mm
Dimmable:	1-10 V	Length:	1070 mm
Light Source:	OSRAM	Total Weight:	11.50 Kg
Number of LEDs:	1280	Air Temp. For Operation:	0°C / +40°C
Colour Temp:	FULL SPECTRUM	Includes:	Driver
Grow Luminosity (PPF):	1500u mol/s // 2000u mol/s	Driver:	MOSO
Beam Angle:	120°	Life Span:	50,000 Hours
Use:	Outdoor	Warranty:	5 Years
IP Protection:	IP65	Certifications:	CE & RoHS, UL



Description

The 600-800W Spider PRO Dimmable LED Grow Light is specially designed for growing and flowering crops.

It has an IP65 degree of protection and dimmable driver to adjust according to the photo-periods necessary for the correct development of the plant. The development and growth of the plant is significantly influenced by the quantity of light and the quality of this, therefore, this luminaire is specifically designed to provide beneficial photo-morphogenic responses, under stress and a higher THC content. It uses a full spectrum that promotes nutrient uptake and ensures quality and quantity in production.

Manufactured from high quality aluminium and PC, ensuring a quality, durable and non-corrosive product. In addition, it has a highly extended lifetime of 50,000 hours.

By using this luminaire, growers can considerably improve the quality of their plants by obtaining a vigorous flowering, and also reduce the high energy consumption of conventional grow bulbs.

Plant growth occurs when plants are exposed to between 600 and 1000 $\mu\text{mol}/\text{m}^2$. Not all plants need the same amount of micromoles. For example, lettuce with 100 μmol per 1 m^2 would be sufficient, while large flowering plants need at least 600 μmol per 1 m^2 . The photon energy provided by the luminaire, as well as the growing area it covers, will vary depending on the height of the luminaire.

* For a growing area of 1.5 m^2 , a total of 1 linear bar at a height of 0.45 m is needed to obtain a photon energy of 787 μmol .



Additional photographs

