Models

Power	Ref:
600 W	77420-156384

Technical Details

Tension	220-240V AC
Rated Voltage	100-240V AC
Frequency	50-60 Hz
Electric Insulation Class	I
Adjustable	Yes
Use	Outdoor
IP Protection	IP65
IK Protection	IK08
Material	Pc

High	136 mm
Wide	145 mm
Lenght	1177 mm
Working temperature	0 °C~+45 °C
Useful life	50,000 Hours
Type of regulation	1-10 V
Selectable Opening Angle	120
Power	600 W

Description

The 600W INVENTRONICS Linear LED HP Grow Light 600W 1-10v Dimmable is specially designed for the growth and flowering of 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 and the quality of the light, 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 high-quality, durable and non-corrosive product. In addition, it has a highly prolonged life span of 50,000 hours. It incorporates a Driver of the prestigious INVENTRONICS brand.

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 bulbs for cultivation.

Plant growth is achieved when plants are exposed to between 600 and 1000 µmol/m². Not all plants need the same amount of micromoles. For example, 100 µmol per 1 m² would be sufficientto grow lettuce, while large blossom plants need at least 600 µmol per 1 m². 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 cultivation area of 1.5 m², a total of 1 linear bar at a height of 0.6 m is needed to obtain a photon energy of 700 µmol.

Additional photographs