Greenhouse lighting

Optimizing growth with high quality HPS and LED fixtures

In addition to water and nutrients, your plants need the proper amount of light to grow and thrive. Ensuring your plants receive optimum light allows plants to conduct photosynthesis efficiently and produce health, robust flower. Lighting is crucial for your success. Tightly controlling light levels and temperatures will keep your plant from getting stressed. By allowing light to penetrate deeper into the canopy, you turn some of the lower leaves into more resources, because they're receiving more photosynthetic radiation, where they can actually help support the plant. The lights we deliver are high quality and intensively tested. These lights are specially developed for plant growth. CannaTechnics can deliver lights with different kind of light intensities. The housing of the luminaires are very high quality to ensure a long lifetime. On this leaflet you will find all the lights we can deliver.

Philips GreenPower LED Toplighting



Cannatechnics can supply you the GreenPower LED Toplighting. This module provides a particularly high luminous efficiency, with less heat radiated than there is from HPS lighting. This gives you more control over your plants and the growing conditions.

Benefits

- Toplighting offers you the chance to move to year-round production
- More light without added heat
- With toplighting you can shorten growth cycles
- Increase yields
- Reduce energy
- Enables you more economic use of space
- Our fixtures can be deliverd with: UL (USA), CSA (Canada), CE (Europe) certification



Specifications

Spectral:	DeepRed/White Low Blue
Typical light levels:	100 + micromol/m²/s[1]
High efficiency:	3,0 umol/J
High output:	620 - 800 umol/s[1]
Voltage:	400V
Power factor:	0,99
Length:	1.25 m
Cooling:	Passive
Minimal light interception:	100mm x 50mm
Guarantee:	Standard, 3 years

ALF 1000

Ensures an optimal growth for the cannabis plant in the greenhouse.



CannaTechnics can supply you the ALF 1000 HPS lighting. Growlighting with high intensity helps to achieve faster growth. This fixture is commonly used for cannabis cultivation. The ALF1000 housing is made of powder coated white aluminum and is extremely compact in design.

Benefits

- Reflector easy for cleaning
- Different mounting brackets (u-profile, trellis)
- Low light Interception, minimal shadowing in the greenhouse
- Low ballast temperature
- High efficiënt reflector
- Fixtures can be deliverd with: UL (USA), CSA (Canada), CE (Europe), EAC (Russia) certification

Specifications

Calculation output:	1900 umol/s[1]
Energy consumption:	1031 watt
Heat radiation:	53% - 530 watt
Voltage:	400V
Power factor:	0,997
Light source:	Philips master green power (Philips Greenpower Xtra 1000 W EL)
Electronic driver :	Philips GEN3+
Output light source:	2140-2150 umol/s[1]
Guarantee Light source:	10.000hrs or 4 years
Guarantee fixture:	Standard, 3 years
Reflector:	Miro 9 (alanod miro 9)
Reflector types:	Open, Closed Deep

ALF 750

Ensures an optimal growth for the cannabis plant in the greenhouse.



CannaTechnics can supply you the ALF 750 HPS lighting. Growlighting with high intensity helps to achieve faster growth. This fixture is commonly used for cannabis cultivation. The ALF 750 housing is made of powder coated white aluminum and is extremely compact in design.

Benefits

- Reflector easy for cleaning
- Different mounting brackets (u-profile, trellis)
- Low light Interception, minimal shadowing in the greenhouse
- Low ballast temperature
- High efficiënt reflector
- Fixtures can be deliverd with: UL (USA), CSA (Canada), EAC (Russia), CE (Europe) certification

Specifications

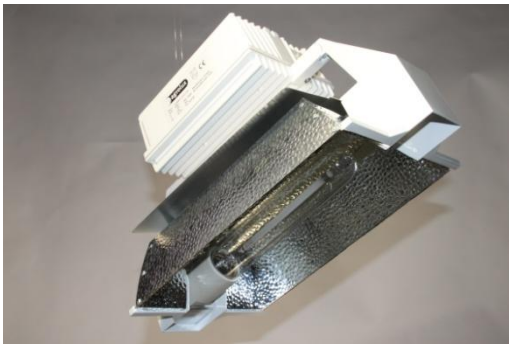
Calculation output:	1350 umol/s[1]
Energy consumption:	790 watt
Heat radiation:	53% - 413 watt
Voltage:	400V
Power factor:	0,997
Light source:	Philips master green power Plus EL
Output light source:	1500 umol/s[1]
Guarantee Light source:	10.000hrs or 4 years
Guarantee fixture:	Standard, 3 years
Reflector:	Miro 9 (alanod miro 9)
Reflector types:	Deep, Optimal, Wide

Lamp

The lamp is manufactured by Philips. The lamp is in the so-called double ended version. The output of the Philips lamp (1500 umol/s1). Warranty of 4 years with a maximum of 10,000 hours (which is reached first).

ALF 600

Ensures an optimal growth for the cannabis plant in the greenhouse.



CannaTechnics can supply you the ALF 600 HPS lighting. Growlighting with high intensity helps to achieve faster growth. This fixture is commonly used for cannabis cultivation. The ALF600 housing is made of powder coated white aluminum and is extremely compact in design.

Benefits

- Reflector easy for cleaning
- Different mounting brackets (u-profile, trellis)
- Low light Interception, minimal shadowing in the greenhouse
- Low ballast temperature
- High efficient reflector
- Fixtures can be delivered with: UL (USA), CSA (Canada), EAC (Russia), CE (Europe) certification

Specifications

Calculation output:	1050 umol/s[1]
Energy consumption:	635 watt
Voltage:	400V
Power factor:	0,997
Light source:	Philips master green power EL (GreenPower SON 600W EL)
Output light source:	1170 umol/s[1]
Guarantee Light source:	10.000hrs or 4 years
Guarantee fixture:	Standard, 3 years
Reflector:	Miro 9 (alanod miro 9)
Reflector types:	Optimal