



SPECTRO 
LIGHT

BLAST
400



spectro-light.com

First true HPS light replacement. The best light for your plants...

Why Spectro Light?

SPECTRO LIGHT company, which has its roots in the company Spectro Color is formed with technologically innovative mind of its creator and founder Thomas Braczowski. Many years of experience and work in the field of lighting technology made it possible to combine breakthrough technology in the field of LED lighting with the biological needs of plants. With a positive test carried out from the Institute of Plant Breeding and Acclimatization and the Institute of Horticulture evidenced with the high quality advantages of our products.

The main purpose of what we were trying to achieve is a reflection spectrum of PAR based on Cree MC curve to efficiency declass traditional HPS luminaires. Biological Results confirmed the efficiency of our illuminators.

Key Benefits

- First true HPS light replacement. The best light for your plants...
- Excellent light uniformity to ensure uniform growth
- Shorten growth cycles
- Improve color, shape and taste
- Better spectrum of light 15% blue 65% wide Red 10% far red
- 5 year warranty for all our products!
- Design and manufacture in EU
- Higher yield, less heat, dimmable



Series is a matchless modular luminaire, which was created without compromise.

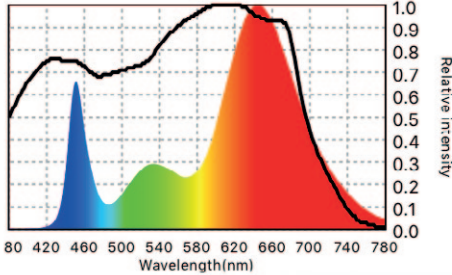
Spectrum has been refined and precisely selected to give the maximum yield and quality of the harvest, that the competition can only dream about.

The new optical system guarantees maximum uniformity of light distribution.

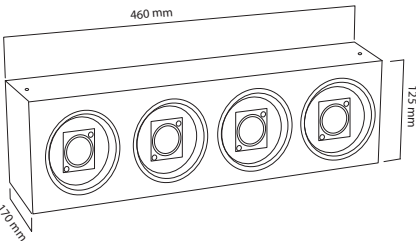
Its advantages will also be appreciated by growers of large surface crops. It is designed to illuminate the area of 1.5 m², the recommended area is 1.2x1.2m (4x4ft).

Blast 400 is perfect for a modular luminaire which should be spaced every 1.5-2m 60-100cm above the crop.

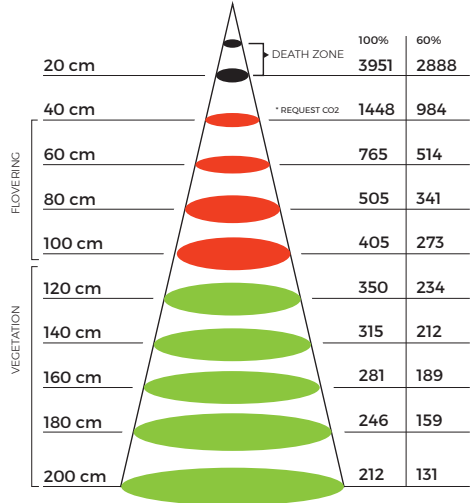
Check us out and you will never use HPS lamps again...



LED's	spectro light COB full spectrum 420-780nm
PPF (total)	812 μmol/s
Efficiency	1.95 μmol/J at 100% 2.09 μmol/J at 60%
Energy used	400W at 100% / 260W at 60%
Dimensions	460x125x170mm
Target area	120x120x200cm
Lens	glass optic 120°
Replaces	replaces 600W PRO HPS
Driver	spectro light desing driver 96% efficacy
Lifetime	100 000 h
Weight	5.5 kg



PPFD μmol m⁻² s⁻¹



Light distribution in growbox 120x120 at 130cm distance

