

**SPECTRO**   
**LIGHT**



[www.spectrolight.pl](http://www.spectrolight.pl)

# Break the barriers of yield and quality

## 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 Brackowski. 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

- Reduced operational cost 40% energy reduction compared to HPS
- 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
- Minimal shading effect (very compact fixtures)
- Design and manufacture in EU

### Summary:

Development is our middle name. We keep a research to improve our products, using the latest technology.

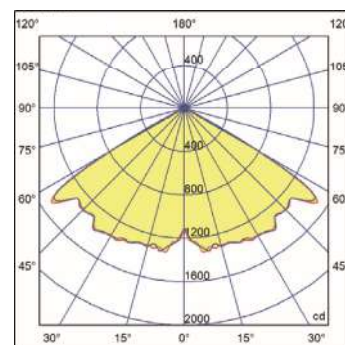
The full spectrum of PAR is a guarantee to cover all the needs of plants in all phases of its growth.

Products grown under our illuminators are much higher indices of quality of the final product. Lighting efficiency provides 40-50% of energy savings, without compromising quality. Our products have been tested by the largest Institutes of Plant Breeding in Poland and have passed tests in green houses.

3 year warranty on all our products!

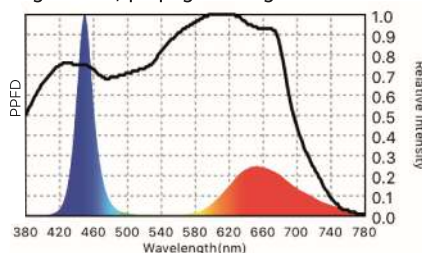
If You are wondering why You should trust us? The answer is simple. We give 110% of what others only promise!

Tomasz Braczkowski founder and CEO of Spectro Light - a specialist in lighting technology - frequent speaker at scientific conferences like: Lumen V4, KSK and Conferences Lighting. As the representative of Poland TechnoTeam Bildverarbeitung GmbH works also as a trainer in the field of photometric measurements and measurement solutions create light technology.

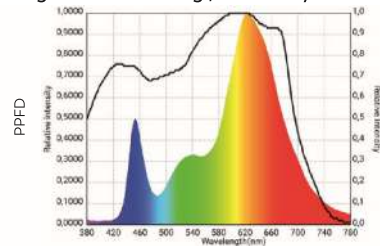


typical photon flux	1147 $\mu\text{mol/s}$
Power consumption (max)	433W
Efficacy	2,65 $\mu\text{mol/J}$
Dimensions	Length: 43 Width: 12,7 Height: 16cm
Weight	4,6kg
Power input	400VAC or 230VAC
Power factor	>98
Lifetime	63000h
Ingress protection rating	IP67
Cooling	Active waterproof fans
Approval marks	CE
Warranty	3 years
Lens	borosilicate optical glass 120 °

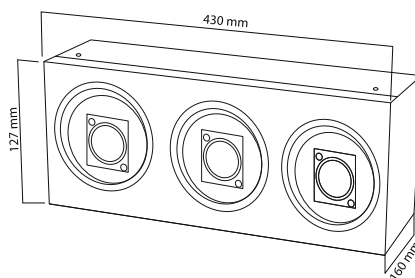
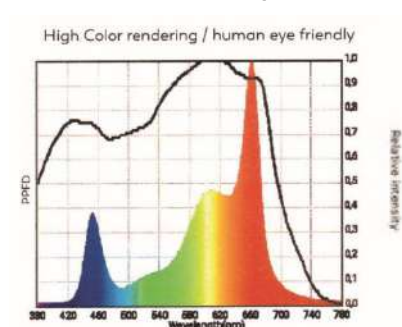
Vegetation / propagation Light



High Color rendering / human eye friendly



Best efficient horticulture light



Our Partners:

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