



PPF

**1850**  
μmol/s

### SPECIFICATION

#### ELECTRICAL PARAMETERS

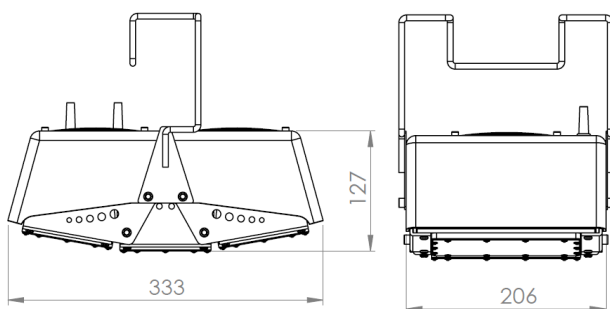
Power consumption:	770W (720W on LED)
Current consumption:	875mA
Power factor:	98 cosφ
Input voltage:	230 or 400 VAC
Power supply type:	Constant current
LED diodes:	516 pcs. (OSRAM)

#### PHOTOMETRIC PARAMETERS

Light flux 400-700 nm (PPF):	1850 μmol/s
PPF Efficiency (PE):	2.57 μmol/J
Color rendering index:	RA: 84
Lighting angle:	Adjustable

#### USABLE PARAMETERS

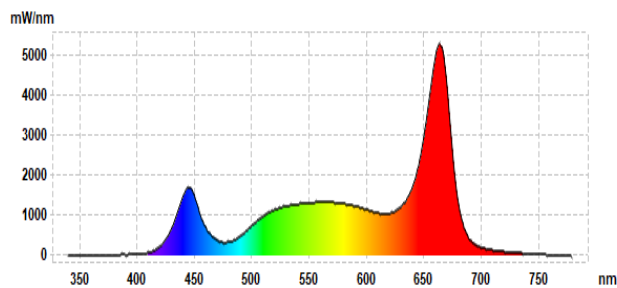
Ingress protection rating:	IP 55
Lifetime at 85°C:	>35.000 hours
Warrenty:	36 months
Working temperature:	+10` +40 °C
Total weight:	3050 g.
Dimension of the light module:	333x206x127mm
Total dimension:	(L./W./H.)



### CHARACTERISTIC

- High productivity and quality of crops, all-year-round cultivation (especially in the winter season)
- Light spectra adjusted to growth, flowering and fruiting phase.
- A spectrum with a high, eye-friendly RA's coefficient was used.
- Adjustable luminous body dependign on the type of greenhouse and the crop.
- Possible use of a central power supply system located outside the greenhouse and connected to a PRIVA climate computer.
- High uniformity index of light covering.
- Passive and active cooling with thermal protector.
- Thermal energy emission towards plants.
- Highest power in the smallest luminaire available on the market.
- The system is adapted to the existing greenhouse installation.
- Designed and made in Poland.
- Fully maintainable fixture.

### LIGHTSPECTRA



### POLAR SHAPE

