



UHT-3U-850RW

PRODUCT CARD



UMOLA
HORTICULTURE LED LIGHT

UmolaHorti LED

PPF

2200
 $\mu\text{mol/s}$

SPECIFICATION

ELECTRICAL PARAMETERS

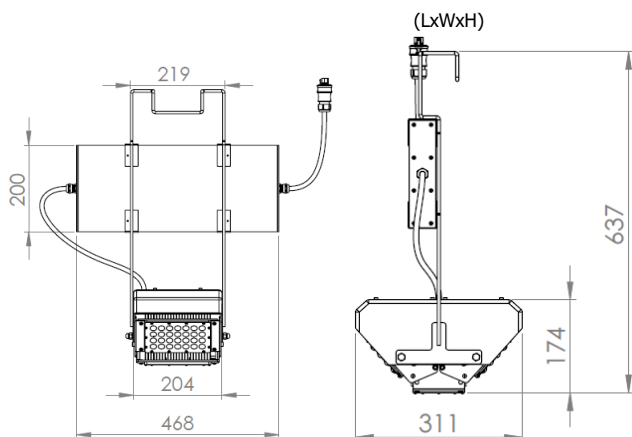
Power consumption:	900W (860W on LED)
Current consumption:	1A
Power factor:	98 cos ϕ
Input voltage:	230 or 400 VAC
Power supply type:	Constant Current
LED diodes:	336 pcs. (OSRAM)

PHOTOMETRIC PARAMETERS

Light flux 400-700 nm (PPF):	2200 $\mu\text{mol/s}$
PPF Efficiency (PE):	2.53 $\mu\text{mol/J}$
Color rendering index:	RA: 73
Lighting angle:	Adjustable

USABLE PARAMETERS

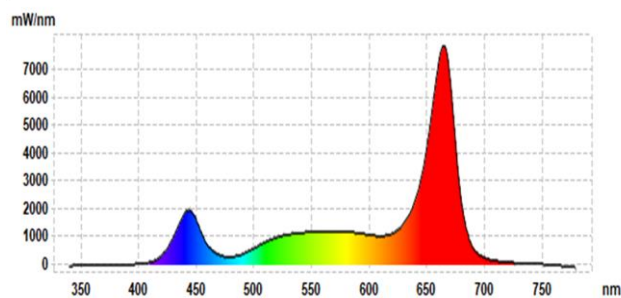
Ingress protection rating:	IP 55
Lifetime at 85°C:	>35.000 hrs.
Warrenty:	36 months
Working temperature:	+10` +40 °C
Total weight:	9000 g.
Dimension of the light module:	311x204x174mm
Total dimension:	311x468x637mm



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.
- Adjustable luminous body dependign on the type of greenhouse and the crop.
- Optics with different beam angles can be used.
- 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 – up to 85%.
- 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

