



UHT-3U-750RW



PPF

1400
umol/s

UmolaHorti LED

UHT-3U-750RW

SPECIFICATION

Electrical parameters

Power consumption:	760 W (715 W for LED)
Current consumption:	1.83 A
Power factor:	97 cos ϕ
Input voltage:	230 VAC
Power supply type:	Constant current
LED diodes:	176 szt. (Red/White)

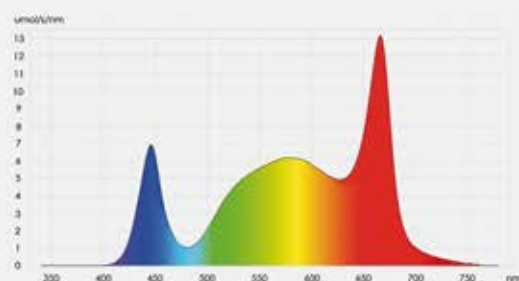
Photometric parameters

Lighting Radiation 300-400 nm (PPF):	1400 umol/s
Lighting Radiation 280-800 nm (PBAR):	1420 umol/s
PPF Efficiency (PE):	1.96 umol/J
Color rendering index:	CRI = 84
Lighting angle:	Adjustable

Usable parameters

Ingress protection rating:	IP 66
Lifetime at 85°C:	>40.000 hours (above 95% efficiency) >60.000 hours (above 90% efficiency)
Warranty:	36 months
Weight of the light module:	3100 g
Total weight:	7600 g
Dimension of the light module:	293x206x155 mm (L/W/H)
Total dimension:	293x266x324 mm (L/W/H)

Light spectrum



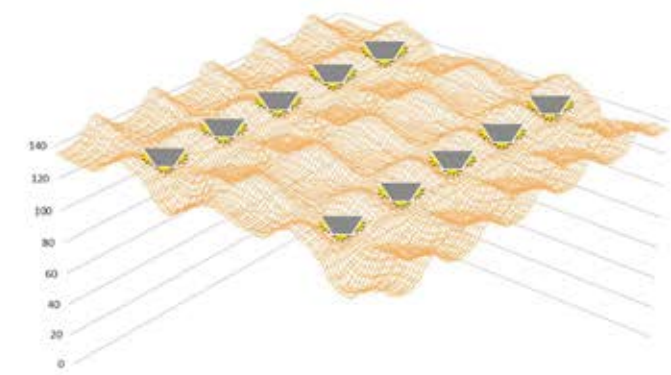
CHARACTERISTIC

- High productivity and quality of crops
- Powerful OSRAM LED diodes
- Extensive lifetime
- Light spectrum adjusted to growth, flowering and fruiting phases
- Adjustable luminous body depending on the type of greenhouse and the crop
- Optics with different beam angles can be used
- Independent control of the power consumption depending on the current needs of the plant
- High uniformity index of light covering - up to 90%
- Passive and active cooling with thermal protector
- Regulated thermal energy emission towards plants
- Designed and made in Poland
- Fully maintainable fixture

PPFD DISTRIBUTION WITHIN 100M² AREA (10 LAMPS)



height (cm)	E_{AV} PPFD	E_{max} PPFD	E_{min} / E_{AV} [u0]
100	152	724	28,3%
150	153	322	55,5%
200	153	207	76,5%
250	151	168	88,7%



PRODUCT CARD

