



UHT-3U-XXRW

HORTI PRODUCTS FAMILY



POWER

250 - 750 WATT

UmolaHorti LED



# HIGH POWER HORTI LAMPS FAMILY



PPF

600 - 2220  $\mu\text{mol/s}$

UmolaHorti LED

SPECIFICATION / UHT-3U-XXRW MODELS	1				2				3				4				5			
	59% of RED in SPECTRA				67% of RED in SPECTRA				72% of RED in SPECTRA				77% of RED in SPECTRA				87% of RED in SPECTRA			
LIGHT SPECTRA																				
<b>ELECTRICAL PARAMETERS</b>																				
Power consumption on LED (W)	720	480	320	240	720	480	320	240	720	480	320	240	720	480	320	240	720	480	320	240
Power consumption on FANS (W)	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10
Total power consumption (W)	730	490	330	250	730	490	330	250	730	490	330	250	730	490	330	250	730	490	330	250
<b>PHOTOMETRIC PARAMETERS</b>																				
Light radiation 400-700nm ( $\mu\text{mol/s}$ )	1800	1200	800	600	1900	1265	845	635	1980	1320	875	660	2040	1350	900	680	2200	1480	995	730
PPF Efficiency ( $\mu\text{mol/l}$ )	2,47	2,45	2,42	2,40	2,60	2,58	2,56	2,54	2,71	2,69	2,65	2,64	2,79	2,76	2,73	2,72	3,01	3,02	3,02	2,92
Blue color (400-500nm)		13%				10%				9%				8%				4%		
Green color (500-600nm)		28%				23%				19%				15%				9%		
Red color (600-700nm)		59%				67%				72%				77%				87%		
Color temperature		3500K				2850K				2500K				2300K				1600K		
Color rendering index		80 RA				70 RA				62 RA				58 RA				37 RA		
Lighting angle		ADJUSTABLE				ADJUSTABLE				ADJUSTABLE				ADJUSTABLE				ADJUSTABLE		
Light distribution uniformity (2 meters height)		up to 85%				up to 85%				up to 85%				up to 85%				up to 85%		
<b>USABLE PARAMETERS</b>																				
Ingress protectin rating										IP55										
Lifetime (90% efficiency)										35.000 hrs										
Warranty										36 months										
Weight										3150 g (lighting module)										
Dimension										311x204x174 mm										