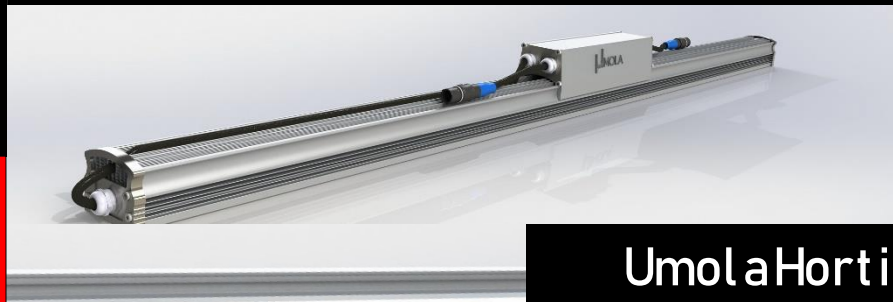




UHT-150XX

HORTI PRODUCTS FAMILY

CE RoHS



UmolaHorti LED

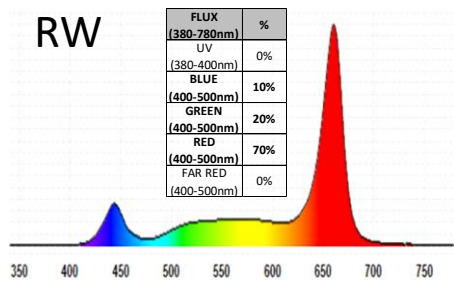
PPF
350 - 450
μmol/s



LIGHT SPECTRA

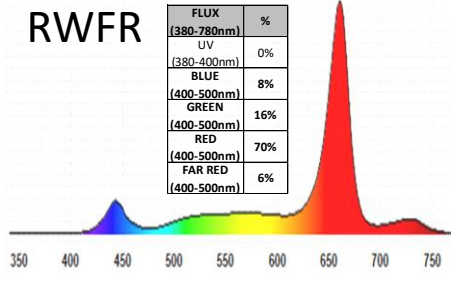
CHARACTERISTICS

RW



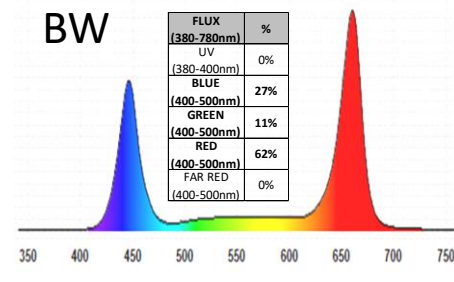
RW light spectra is the most frequent used spectrum in a variety of mature crops promoting flowering, budding, leaf building and a good biomass production. This universal light gives great results with high crop cultivation like tomatoes, cucumbers, bell peppers and egg plants as well with a wide variety of berries. This spectrum is interpreted by the human eyes as clear white and creates an ideal light atmosphere for visual inspection.

RWFR



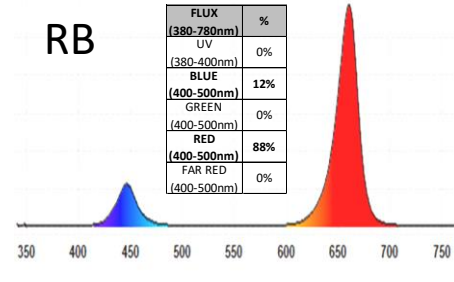
With additional photons in the far red spectrum 730nm and a clear focus on the 660nm bandwidth **RWFR** spectrum is ideal for ornamentals and a wide variety of floriculture supplemental lighting. The extra far red photons simplify controlled timing on flowering. Ideal for plants that don't like too much blue spectrum like Phalaenopsis. This spectrum is interpreted by the human eyes as warm white and creates a good light atmosphere for visual inspection - human eye response similar to SON-T.

BW



With a clear focus on the deep blue 450nm and hyper red 660nm spectrum, **BW** spectrum focusses on vegetative growth phases and propagation. This recipe delivers shorter, compact plants with a good biomass ratio – the extra energy in the blue 450nm bandwidth also promotes stomata opening. All together give a good balance between both photon levels guarantees a good mix between vegetative growth and biomass production. In other words, we strongly recommend this spectrum for the fast and proper grow of seedlings and young plants.

RB



An energy wise very effective spectrum with only focus on deep blue 450nm and hyper red 660nm (12% to 88% ratio). This is a typical general purpose spectrum, which works ideal with a wide score of crops and particular with leafy greens. Although frequently promoted for greenhouse cultivation, keep in mind that for the human eye response this spectrum is interpreted as red-purple and may complicate visual plant inspection.