

HORTICKWASH 60W



Spectral Distribution

Beta Carotene

Chlorophyll A

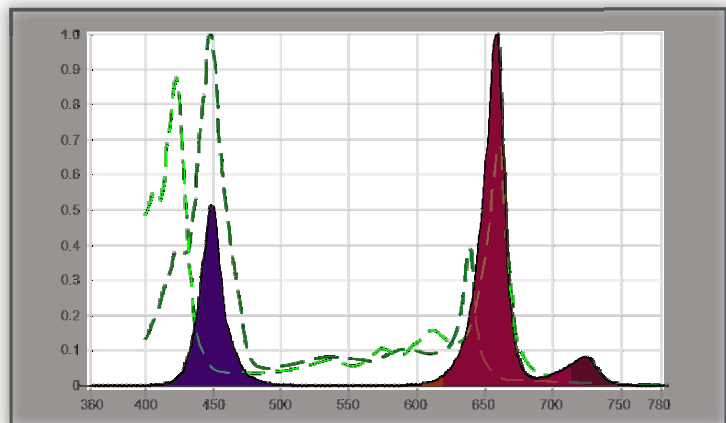
Chlorophyll B

PPF

BPF

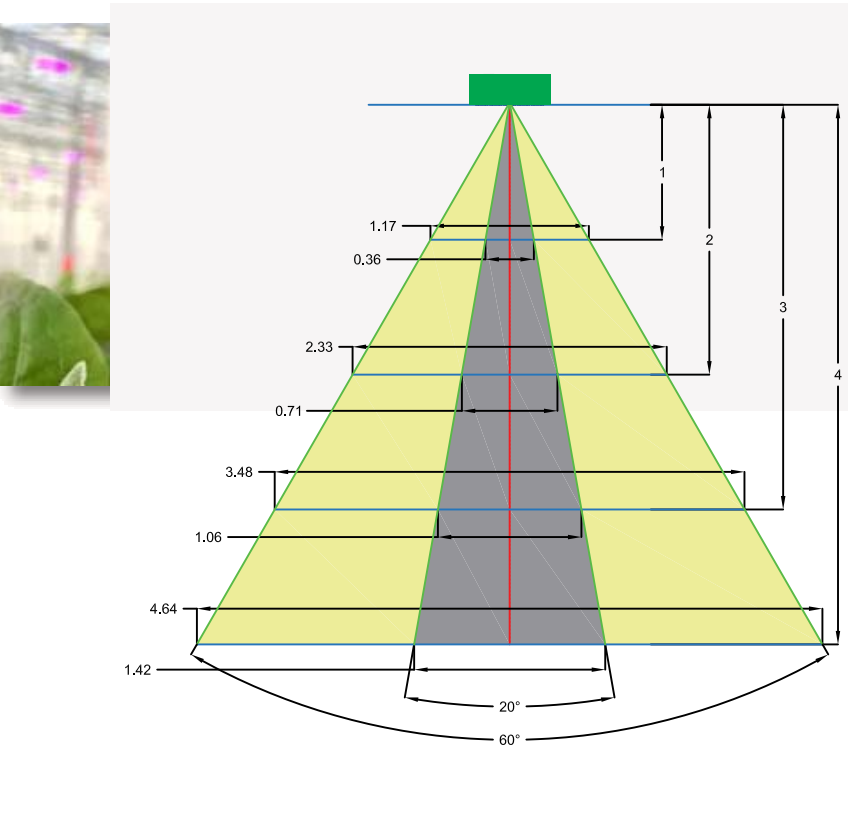
Phytochrome Pr

Phytochrome Pfr



System output of the luminaire	System output for the plant area		
Luminaire Photon Flux (360-780nm)	207 $\mu\text{mol/s}$	Average Photon Flux Density (PPFD) on plant area	23 $\mu\text{mol/s/m}^2$
Luminaire Photon Flux Efficacy (360-780nm)	2,37 $\mu\text{mol/J}$	Uniformity on plant area (PPFDmin/PPFDmax)	0,5
Luminaire Photosynthetic Photon Flux (400-700nm)	191 $\mu\text{mol/s}$	Minimum Photon Flux Density (PPFD) on plant area	14,95 $\mu\text{mol/s/m}^2$
Luminaire Photosynthetic Photon Flux Efficacy (400-700nm)	2,18 $\mu\text{mol/J}$	Maximum Photon Flux Density (PPFD) on plant area	29,49 $\mu\text{mol/s/m}^2$
Luminaire Power Consumption	88W		

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HorticultureSystemInput					
TargetPhotonFluxperLuminaire		200μmol/s			
Color	Photon Flux Ratio	Photon Flux	Binning Brightness	Forward Voltage	Forward Current
HyperRed (650-670 nm)	66,7%	133 μmol/s	925mW	2,15V	900mA
DeepBlue (465-480 nm)	25%	50μmol/s	1350mW	2,9V	900mA
FarRed (720- 740 nm)	8,3%	17μmol/s	312mW	1,95V	900mA

Fixture Dimensions

Input Voltage 100 - 277V

Operating Frequency 50-60 Hz

IP-Rating IP66

