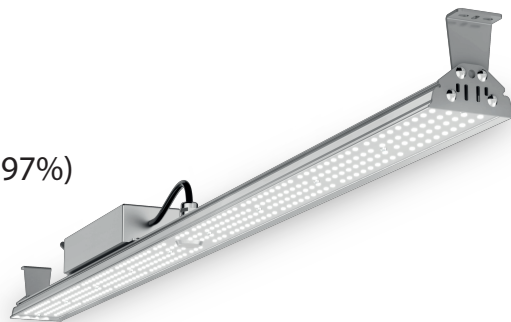


GHK Horticulture LED Light - Sky-Grow GHK

Product features

Housing material	Aluminium
Optics materials	Conformal coating (transmission >97%)
Radiation angle	120°
Protection	IP65



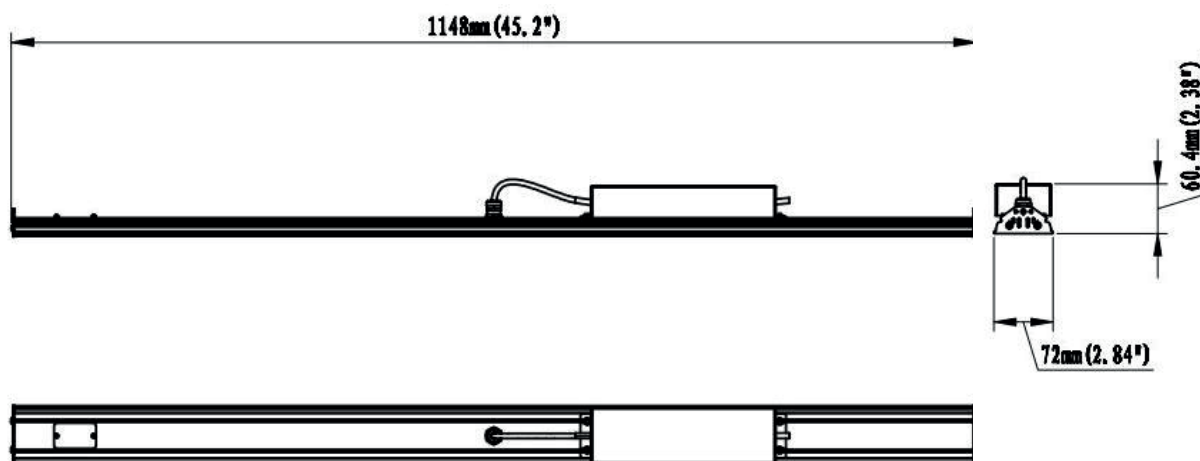
Technical data

Power*	150 Watts
PF	>0.95
Voltage range	100-277VAC
Current range	1.5A @ 100V, 0.54A @ 277V
Frequency range	50/60Hz
Operation conditions	0°C to 40°C / 95% RH
BTU	511.5
Net weight	2.1 kg
Dimming	Yes : 0-10v - Option : Wifi, DMX, ModBus, PWM, IoT GHK
Certifications	CE UL, LVD, EMC, RoHS

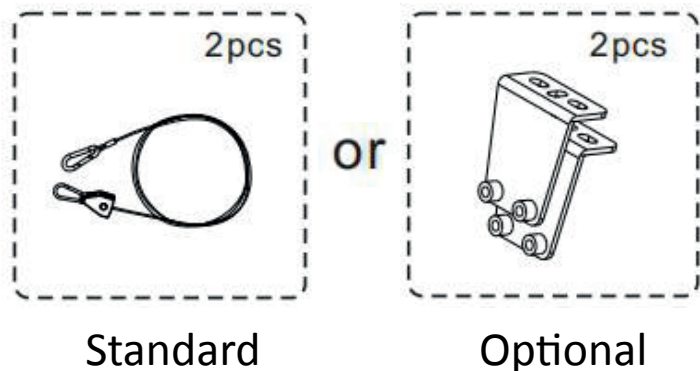
Optical properties

Photon flux (μMol/s)	369 μMol/s(± 5%) Growth Spectrum, 258 μMol/s(± 5%) Sunlike Spectrum
Efficacy (μMol/J)	2.46 μMol/J(± 5%) Growth Spectrum, 1.73 μMol/s(± 5%) Sunlike Spectrum
Warranty	5 years

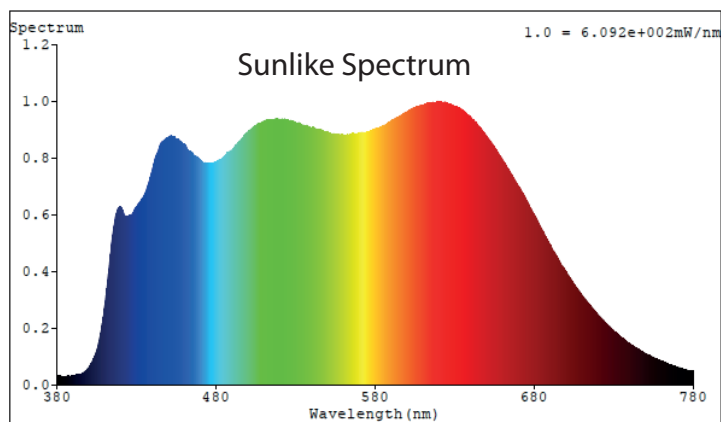
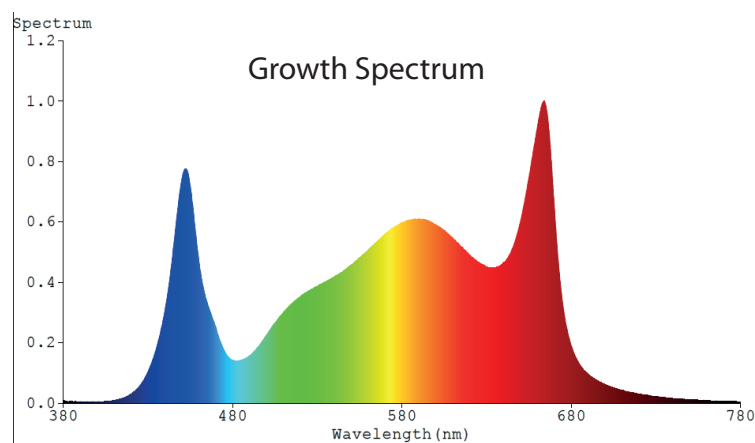
Dimensions (mm)



Mounting



Spectrum

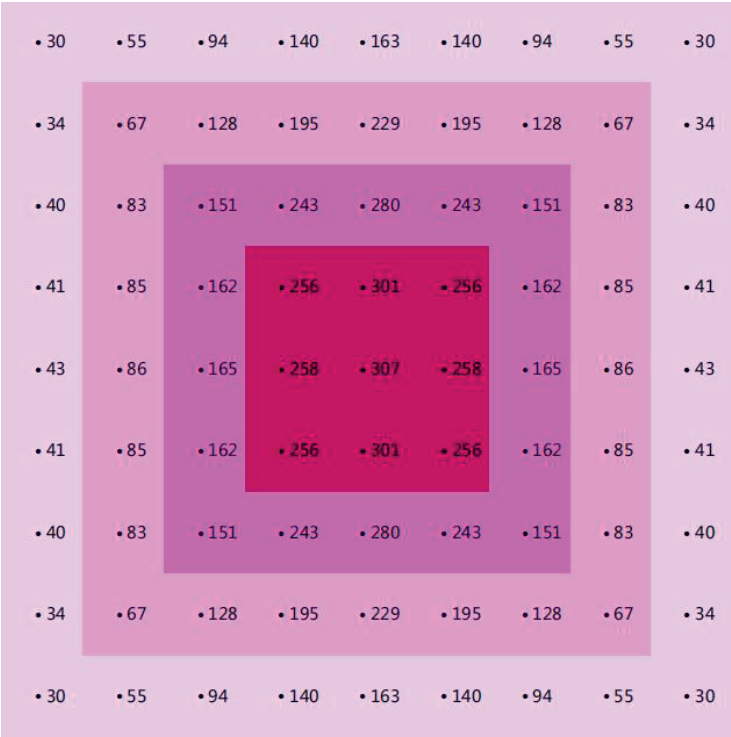


Tailor spectrum to suitable for different plants

PPFD MAP Growth Spectrum

Cover area: 1.2 m x 1.2 m
Height fixture above canopy: 45 & 60 cm
1 fixture needed for: 1.44 m²

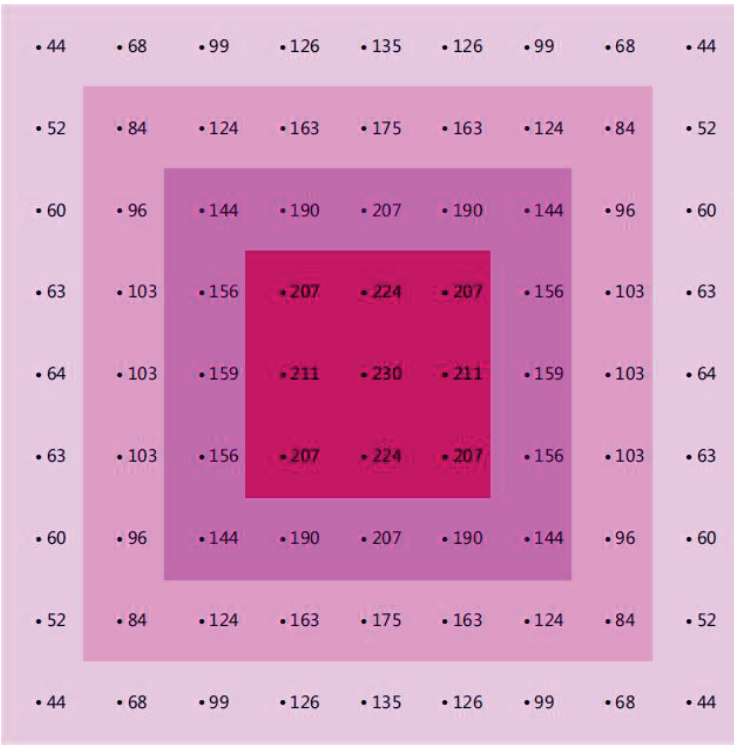
150W 45 cm



PPFD value:

Average: 169 $\mu\text{Mol/m}^2/\text{s}$
Maximum: 307 $\mu\text{Mol/m}^2/\text{s}$
Minimum: 30 $\mu\text{Mol/m}^2/\text{s}$

150W 60 cm



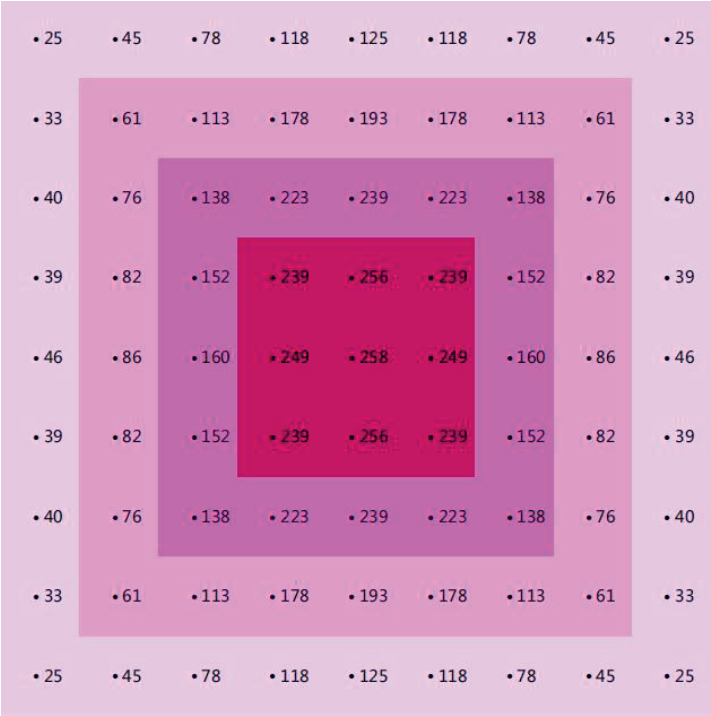
PPFD value:

Average: 137 $\mu\text{Mol/m}^2/\text{s}$
Maximum: 230 $\mu\text{Mol/m}^2/\text{s}$
Minimum: 44 $\mu\text{Mol/m}^2/\text{s}$

PPFD MAP Sunlike Spectrum

Cover area: 1.2 m x 1.2 m
Height fixture above canopy: 45 & 60 cm
1 fixture needed for: 1.44 m²

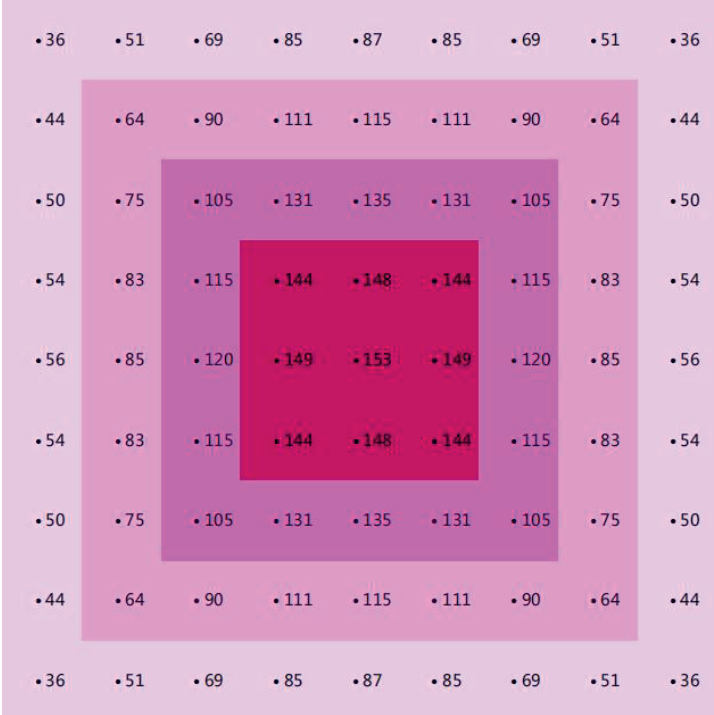
150W 45 cm



PPFD value:

Average: 142 $\mu\text{Mol/m}^2/\text{s}$
Maximum: 258 $\mu\text{Mol/m}^2/\text{s}$
Minimum: 25 $\mu\text{Mol/m}^2/\text{s}$

150W 60 cm



PPFD value:

Average: 95 $\mu\text{Mol/m}^2/\text{s}$
Maximum: 153 $\mu\text{Mol/m}^2/\text{s}$
Minimum: 36 $\mu\text{Mol/m}^2/\text{s}$

