

SPECIFICATIONS

WEGA Eco



SKU	HGC906433-01	HGC906434-01
Input Power (W) $\pm 3\%$	540	540
Spectrum	FR5R85G5B5	FR5R85G5B5
Optics	125°	150°
PPF Output (400–700 nm) ($\mu\text{mol/s}$)	1750	1700
PF Output (400–800 nm) ($\mu\text{mol/s}$)	1850	1800
PPE (at 100% power) ($\mu\text{mol/J}$)	3.25	3.15
PE (at 100% power) ($\mu\text{mol/J}$)	3.45	3.35
Input Voltage (V) $\pm 10\%$	230/400	230/400
Input Current (A) $\pm 10\%$	1.35/2.35	1.35/2.35

All types	Value
Mains Freq	50/60 Hz
Power Factor	> 0.95
Isolation Class	Class I
IP Rating	IP65
THD	< 15%
Inrush Current	< 16 A
Connector	Wieland RST20i3 GN
Dimensions (L x W x H)	32 x 28 x 17.5 cm
Weight	8.7 kg
Temperature Ambient	0 – 35 °C
Light Maintenance (L90)	36000 h

Intended use	
Controlled Environment	Indoor, non-stacked greenhouse
Lighting Scheme	Horizontal, Top Light use, Sole source or supplemental
Dimming Communication*	ModBus RTU, Horti Led Protocol (HLP), 0–10V (ANSI C137.1 (9V), (IEEE1901.1 power inlet)
Dimming Range*	100% – 15%

*with PLC transmitter