

SPECIFICATIONS

ALTR

Single Channel



SKU	HGC906516-01	HGC906518-01	HGC906502-01
Input Power (W) $\pm 3\%$	760	760	760
Efficacy	Standard	Standard	Standard
Spectrum	R90G5B5	FR5R85G5B5	R60G22B18
Optics	125°	125°	125°
PPF Output (400–700 nm) ($\mu\text{mol/s}$)	2700	2550	2400
PF Output (400–800 nm) ($\mu\text{mol/s}$)	2700	2700	2400
PPE (at 100% power) ($\mu\text{mol/J}$)	3.55	3.35	3.15
PE (at 100% power) ($\mu\text{mol/J}$)	3.55	3.55	3.15
Input Voltage (V) $\pm 10\%$	347/400	347/400	347/400
Input Current (A) $\pm 10\%$	2.2/1.9	2.2/1.9	2.2/1.9

All types	Value
Mains Freq	50/60 Hz
Power Factor	> 0.95
Isolation Class	Class I
IP Rating	IP65
THD	< 15%
Inrush Current	< 25 A
Connector	Wieland RST20i3 GN
Dimensions (L x W x H)	62 x 30 x 11.8 cm (including connector)
Weight	12.1 kg
Temperature Ambient	0 – 45 °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