

PARUS LED grow light 4.5

PGL-RA 150 AC Specification

PARUS

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|----------------------------|---|---|------------------------|
| Product | Model Name | PGL-RA-150AC | |
| | Power Consumption | 150Watt | |
| | Dimension(LxWxH) | W260mmxL170mmxH160mm (W10.2"xL6.7"xH6.3") | |
| | Packing(LxWxH) | W340mmxL250mmxH220mm | |
| | Weight | 4.9 Kg(10.8lbs) | |
| Power | AC input voltage range | Free90~305VAC,47~63Hz, Option Hi-Voltage 180~528VAC | |
| | SMPS mode (PSU) | DC Current Design(CC.CV Doul Mode) | |
| | Protection | Short circuit, Overload, Over voltage, current | |
| | Power Factor | Efficiency $\geq 92\%$, PFC ≥ 0.98 @240VAC | |
| | Total Harmonic Distortion | THD<20%(@load $\geq 50\%/115VAC,230VAC$; @load $\geq 75\%/277VAC$) | |
| | Inrush Current | COLD START 75A(t=570s measured at50%) at 230VAC;withpeak Per NEMA 410 | |
| LEDs | Spectrum-Spectrum Ratio(R:B:O) | RBS(9:0.5:0.5), RBC, RBF, RBW, RBFC | |
| | Light source | Hi-Power 700mA (4.5 μ mol/J) | |
| | Total number of LED's | 60pcs | |
| | Used LED | Hi-power Grow LED | |
| LED Control | Single, Group Local/Wi-Fi Control | Single control / Wireless control Group dimming, Wireless control, Automatic PAR sensor dimming LED Wavelength control(RBF, RBW control mode) | |
| Heat Sink | Heat Sink Type | Active Cooling (Automatically operate according to environmental temperature.) | |
| | FRAME Material | Body | Silver Color Aluminium |
| | | PCB | Metal PCB(aluminium) |
| | | Heat conduction | 2.0 w/m.k |
| | | Thermal resistance | 0.20 °C/w |
| Heat Value | BTU/h | 358(BTU/h) | |
| IP Class | IP55 | IP55 | |
| Efficiency | PPFD (μ mol m ⁻² s ⁻¹) RBS standard | 210 umol (Distance 1000mm) | |
| | PPF (μ mol/s) RBS standard | 900 μ mol/s | |
| Ambient Temperature | Storage Temp. | -30°C ~ 85°C | |
| | Operation Temp. | ~35°C | |
| Angle | Lamp angle | 90°,120° | |
| Life time | | Over 50,000hr | |
| Safety | Standard | UL, cUL, CE, EMC, EAC, LVD | |
| Warranty | 3 years | (3 years) | |