

PARUS LED grow light

iSUN Specification



| | | | |
|----------------------------|--------------------------|-----------------|---|
| Product | Model Name | | iSUN |
| | System Power Consumption | | 7 Watt - Dimming 0~7 Watt |
| | Dimension(LxWxH) | | Pole Size 1m, Power Line 2M |
| | Packing(LxWxH) | | 262mm x 115mm x 87mm |
| | Weight | | Approx 0.36kg |
| Power | AC input voltage range | | Free voltage 90~245VAC, 50~60Hz |
| | SMPS mode (ballast) | | DC Current Design(C.C Mode) |
| | Protection | | Short circuit, Overload, Over voltage |
| | Power Factor | | Over 85% |
| LEDs | Ratio(R:B:O) | | (2:0:12) |
| | Light source | | Hi-Power 150mA, LED- Time, Dimming Control Mode |
| | Total number of LED's | | LEDs = 14LEDs |
| | Used LED | | 0.55Watt(Grow White) |
| Heat Sink | Heat Sink Type | | Cooling by Air Flow convection System |
| | FRAME Metrial | Body | Aluminium |
| | | PCB | Metal PCB(aluminium) |
| | | Heat conduction | 1.5 w/m.k |
| | Thermal resistance | 1.5 °C/w | |
| IP Class | IP54 | | |
| Efficiency | PPFD | | 175 $\mu\text{mol m}^{-2} \text{s}^{-1}$ (@ 100mm H) 55 $\mu\text{mol m}^{-2} \text{s}^{-1}$ (@ 200mm H) |
| | PRFD | | |
| Ambient Temperature | Storage Temp. | | -30°C ~ 85°C |
| | Operation Temp. | | ~35°C |
| Angle | Lamp angle | | 90° |
| Life time | | | Over 25,000hr |
| Safety | Standard | | CE |
| Warranty | 2 year | | SMPS (1 year), LED (2 year) |