



## PARUS LED grow light iSUN Specification



<b>Product</b>	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
<b>Power</b>	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%
<b>LEDs</b>	Ratio(R:B:0)		(2:0:12)
	Light source		Hi-Power 150mA, LED- <b>Time, Dimming Control Mode</b>
	Total number of LED's		LEDs = 14LEDs
	Used LED		0.55Watt(Grow White)
<b>Heat Sink</b>	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
<b>IP Class</b>	IP54		
<b>Efficiency</b>	PPFD	175 $\mu\text{mol m}^{-2} \text{s}^{-1}$ (@ 100mm H) 55 $\mu\text{mol m}^{-2} \text{s}^{-1}$ (@ 200mm H)	
	PRFD		
<b>Ambient Temperature</b>	Storage Temp.	-30°C ~ 85°C	
	Operation Temp.	~35°C	
<b>Angle</b>	Lamp angle	90°	
<b>Life time</b>			Over 25,000hr
<b>Safety</b>	Standard	CE	
<b>Warranty</b>	2 year	SMPS (1 year), LED (2 year)	