



PARUS LED grow light

SOL Series (PGL-E06) Specification



	Model Name	PGL-E06(Growing)	PGL-E06(Sun Mode)	PGL-E06(wintering)	PGL-E06(Flowering)
Product	System Power Consumption	6 Watt			
	Dimension(WxH)	59.5mm x 89.5mm			
	Packing(LxWxH)	62mm x 62mm x 110mm			
	Weight	0.15kg			
	AC input voltage range	Free voltage 90~245VAC, 50~60Hz			
Power	SMPS mode (ballast)	DC Current Design(C.C Mode)			
	Protection	Short circuit, Overload, Over voltage			
	Power Factor	Over 85%, PFC >0.9			
LEDs	Ratio(R:B:O)	(3:1:1)	(2:2:1)	(0:2:3)	(4:0:1)
	Light source	Hi-Power 350mA LED	Hi-Power 350mA LED	Hi-Power 350mA LED	Hi-Power 350mA LED
	Total number of LED's	5pcs			
	Used LED	1~3 Watt			
Heat Sink	Heat Sink Type	Cooling by free air convection			
	FRAME Metrial	Body	Aluminium		
		PCB	Metal PCB(aluminium)		
		Heat conduction	1.5w/m.k		
		Thermal resistance	0.15 °C/w		
IP Class	IP55				
Efficiency	PPFD (Growing Standard)	880 μmol m ⁻² s ⁻¹ (@ 100mm H) 430 μmol m ⁻² s ⁻¹ (@ 200mm H) 145 μmol m ⁻² s ⁻¹ (@ 500mm H) 50 μmol m ⁻² s ⁻¹ (@ 1,000mm H)			
	PRFD	220 μmol m ⁻² (measure the distance 100mm)			
Ambient Temperature	Storage Temp.	-30°C ~ 85°C			
	Operation Temp.	~30°C			
Angle	Lamp angle	60°			
Life time		Over 30,000hr			
Safety	Standard	CE, EMC			
Warranty	2 year	(2 year)			