



PARUS LED grow light

SOL Series (PGL-B07) Specification



Product	Model Name	PGL-B07(Growing)	PGL-B07(Sun Mode)	PGL-B07(wintering)	PGL-B07(Flowering)
	System Power Consumption	7 Watt			
	Dimension(WxH)	59.5mm x 113mm			
	Packing(LxWxH)	62mm x 62mm x 110mm			
	Weight	0.17kg			
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%, PFC >0.9			
LEDs	Ratio(R:B:O)	(4:1:1)	(3:2:1)	(0:3:3)	(5:0:1)
	Light source	Hi-Power 350mA LED	Hi-Power 350mA LED	Hi-Power 350mA LED	Hi-Power 350mA LED
	Total number of LED's	6pcs			
	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	1.5 w/m.k		
	Thermal resistance	0.15 °C/w			
IP Class	IP55				
Efficiency	PPFD (Growing Standard)	150 µmol m-2 s-1(@ 100mm H) 80 µmol m-2 s-1(@ 200mm H) 17 µmol m-2 s-1(@ 500mm H) 8 µmol m-2 s-1(@ 1,000mm H)			
	PRFD	37.5 WM-2(measure the distance 100mm)			
Ambient Temperature	Storage Temp.	-30°C ~ 85°C			
	Operation Temp.	~30°C			
Angle	Lamp angle	120°			
Life time		Over 30,000hr			
Safety	Standard	CE, EMC			
Warranty	2 year	(2 year)			