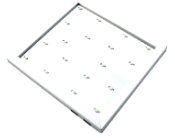




PARUS LED grow light

PGL-PH Series Specification



Product	Model Name		PGL-PH 30	PGL-PH 60	PGL-PH 120
	System Power Consumption		35 Watt	70 Watt	140 Watt
	Dimension (LxWxH)		320mmx300mmx19mm	320mmx600mmx19mm	320mmx1200mmx19mm
Power	AC input voltage range		Free voltage 85~285VAC, 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)		(11:3:4)		
	Light source		Hi-Power 500mA LED		
	Total number of LED's		18EA	36EA	36EA
	Used LED		Hi-power Grow LED		
	Other	Dominant Wavelength	465nm	465nm	465nm
Heat Sink	Heat Sink Type		Cooling by free air convection		
	FRAME Metrial	Body	Aluminium		
		PCB	Metal PCB(aluminium)		
		Heat conduction	2.0 w/m.k		
Thermal resistance		0.20 °C/w			
IP Class	IP55				
Efficiency	PPFD		250 $\mu\text{mol m}^{-2} \text{s}^{-1}$ (@ 200mm H)		
	PRFD		94.5 WM^{-2}		
Pulse Wavelength	Pulse		400 μs		
	Duty rate		0-100%		
Ambient Temperature	Storage Temp.		-30°C ~ 85°C		
	Operation Temp.		~35°C		
Angle	Lamp angle		120°		
Life time			Over 50,000hr		
Safety	Standard		CE, EMC		
Warranty	3 year		(3 year)		

320 x 300
35Watt

320 x 600
70Watt

320 x 1,200
140Watt