

PARUS LED grow light

PGL-PFL SPOT Specification



Product	Model Name	PGL-PFL SPOT 600	PGL-PFL SPOT 900	PGL-PFL SPOT 1200	PGL-PFL SPOT 1500	PGL-PFL SPOT 1800
	System Power Consumption	Max. 30 Watt	Max. 45 Watt	Max. 60 Watt	Max. 75 Watt	Max. 90 Watt
	Dimension(LxWxH)	53mm x 600mm x 18mm	53mm x 900mm x 18mm	53mm x 1200mm x 18mm	53mm x 1500mm x 18mm	53mm x 1800mm x 18mm
	Packing(LxWxH)	165mm x 675mm x 70mm	165mm x 975mm x 70mm	165mm x 1275mm x 70mm	165mm x 1575mm x 70mm	165mm x 1875mm x 70mm
	Weight	0.81kg	1.21kg	1.61kg	2kg	2.05kg
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)	(0:0:14)				
	Light source	Hi-Power 700mA ~ 1050mA LED				
	Total number of LED's	14EA	21EA	28EA	35EA	42EA
	Used LED	3 Watt(450nm Grow White)				
Heat Sink	Heat Sink Type		Cooling by free air convection			
	FRAME Material	Body	Aluminium			
		PCB	Metal PCB(aluminium)			
		Heat conduction	1.8 w/m.k			
		Thermal resistance	0.18 °C/w			
IP Class	IP65	complete protection against contact, Water projected in powerful jets against the enclosure from any direction shall have no harmful effects.				
Efficiency	PPFD	905 umol m ⁻² s ⁻¹ (measure the distance 200mm) 270 umol m ⁻² s ⁻¹ (measure the distance 500mm) 145 umol m ⁻² s ⁻¹ (measure the distance 1,000mm) 88 umol m ⁻² s ⁻¹ (measure the distance 1,500mm)				
Pulse Wavelength	Pulse	400μs				
	Duty rate	1~100%				
Ambient Temperature	Storage Temp.	-30°C ~ 85°C				
	Operation Temp.	~30°C				
Angle	Lamp angle	30°				
Life time		Over 30,000hr				
Safety	Standard(LED Driver)	CE, EMC, UL				
Warranty	2 year	(2 year)				

