



PARUS LED grow light

PGL-PFLs SPOT TOP/WALL Specification (2018 New)



Product	Model Name	PGL-PFLs SPOT 600	PGL-PFLs SPOT 900	PGL-PFLs SPOT 1200	PGL-PFLs SPOT 1500
	Power Consumption	Max. 20 Watt	Max. 30 Watt	Max. 40 Watt	Max. 50 Watt
	Dimension(LxWxH)	53mm x 600mm x 18mm	53mm x 900mm x 18mm	53mm x 1200mm x 18mm	53mm x 1500mm x 18mm
	Packing(LxWxH)	165mm x 675mm x 70mm	165mm x 975mm x 70mm	165mm x 1275mm x 70mm	165mm x 1575mm x 70mm
	Weight	0.81kg	1.21kg	1.61kg	2kg
Power	AC input voltage range	Free voltage 90~245VAC, 50~60Hz			
	SMPS mode (PSU)	DC Current Design(C.C Mode)			
	Protection	Short circuit, Overload, Over voltage			
	Power Factor	Over 85%, PFC >0.6			
LEDs	Spectrum Ratio(R:B:W)	Only white chip			
	Light source	Hi-Power 700mA ~ 1050mA LED			
	Total number of LED's	6EA	9EA	12EA	15EA
	Used LED	5 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	248 $\mu\text{mol m}^{-2} \text{s}^{-1}$ (measure the distance 200mm) 101 $\mu\text{mol m}^{-2} \text{s}^{-1}$ (measure the distance 500mm) 47 $\mu\text{mol m}^{-2} \text{s}^{-1}$ (measure the distance 1,000mm)			
Pulse Wavelength	Pulse	400 μs			
	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 years	(2 years)			

