



PARUS LED grow light
PGL-PFL 600 2 line Specification



Product	Model Name	PGL-PFL 600 2 line	PGL-PFL 1200 2 line
	System Power Consumption	Max. 100 Watt	Max. 200 Watt
	Dimension(LxWxH)	610mm x 158mm x 106mm	1260mm x 158mm x 106mm
	Packing(LxWxH)	685mm x 165mm x 150mm	1275mm x 165mm x 150mm
	Weight	2.78kg	6.88kg
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)	(8:1:1)	
	Light source	Hi-Power 700mA ~ 1,050mA LED	
	Total number of LED's	40pcs	80EA
	Used LED	2~3 Watt(Double wavelength)	
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	0.2 °C/w
IP Class	IP66	complete protection against contact, Water projected in powerful jets against the enclosure from any direction shall have no harmful effects.	
Efficiency	PPFD	870 umol m ⁻² s ⁻¹ (measure the distance 100mm)->51,785Lx 340 umol m ⁻² s ⁻¹ (measure the distance 500mm)->20,288Lx 183 umol m ⁻² s ⁻¹ (measure the distance 1,000mm)->10,892Lx 89 umol m ⁻² s ⁻¹ (measure the distance 1,500mm)->5,297Lx 78 umol m ⁻² s ⁻¹ (measure the distance 2,000mm)->4,642Lx 69 umol m ⁻² s ⁻¹ (measure the distance 2,500mm)->4,100Lx	
	PRFD	220 WM-2	
Pulse Wavelength	Pulse	400µs	
	Duty rate	0-100%	
Ambient Temperature	Storage Temp.	-30°C ~ 85°C	
	Operation Temp.	~35°C	
Angle	Lamp angle	90° (Free Angle)	
Life time		Over 50,000hr	
Safety	Standard	UL, cUL, CE, EMC, LVD	
Warranty	3 year	(3 year)	