



**PARUS LED grow light**  
PGL-DRBC 2400 Specification



<b>Product</b>	Model Name		PGL-DRBC 2400
	System Power Consumption		100 Watt
	Dimension(LxWxH)		2400mm x 40mm x 60mm
	Weight		3.8kg
<b>Power</b>	AC input voltage range		Free voltage 90~260VAC, 50~60Hz
	SMPS mode ( ballast )		DC Current Design(C.C Mode)
	Protection		Short circuit, Overload, Over voltage, Over Temperature
	Power Factor		Efficiency Over >93%, PFC >0.95
<b>LEDs</b>	Ratio(R:B:O)		(8:1:1)
	Used LED		0.5 Watt(Double wavelength)
<b>Heat Sink</b>	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	
<b>IP Class</b>	IP66	complete protection against contact, Water projected in powerful jets against the enclosure from any direction shall have no harmful effects.	
<b>Efficiency</b>	PPFD	150 umol m-2 s-1(measure the distance 250mm)	
<b>Pulse Wavelength</b>	Pulse		400µs
	Duty rate		0-100%
<b>Ambient Temperature</b>	Storage Temp.		-30°C ~ 85°C
	Operation Temp.		~35°C
<b>Angle</b>	Lamp angle		140°
<b>Life time</b>			Over 50,000hr
<b>Safety</b>	Standard(LED Driver)		CE, EMC, LVD
<b>Warranty</b>	3 year		(3 year)

