

## PARUS LED grow light

PGL-FL T5 Specification



<b>Product</b>	Model Name		PGL-FL T5	
	Power Consumption		7.5Watt(600mm)	15Watt(1200mm)
	Dimension(LxWxH)		600mm x 17mm x 8mm	1200mm x 17mm x 8mm
	Weight		0.114kg	0.191kg
<b>Power</b>	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%	
<b>LEDs</b>	Spectrum Ratio(R:B:0)		RBW (1:0:2)	
<b>Heat Sink</b>	Heat Sink Type		Cooling by free air convection	
	FRAME Material	Body	Aluminium	
		PCB	Standard PCB	
		Heat conduction	1.2 w/m.k	
Thermal resistance		0.12 °C/w		
<b>Heat Value</b>	BTU/h		18 (600mm), 36 (1200mm)	
<b>IP Class</b>	IP65		complete protection against contact, Water projected in powerful jets against the enclosure from any direction shall have no harmful effects.	
<b>Efficiency</b>	PPFD ( $\mu\text{mol m}^{-2}\text{s}^{-1}$ )		85 $\mu\text{mol m}^{-2}\text{s}^{-1}$ (Measure the distance 100mm)	
	PPF ( $\mu\text{mol/s}$ )		15.7 $\mu\text{mol/s}$ @600mm, 31.4 $\mu\text{mol/s}$ @1200mm, 2.1 PPF/W	
<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 30,000hr	
<b>Safety</b>	CE Standard		CE, EMC	
<b>Warranty</b>			3 years	