



	Model Name	PGL-PFL-s 1200	PGL-PFL-s 1500	PGL-PFL-s 1800
Product	Power Consumption	Max. 40 Watt	Max. 50 Watt	Max. 60 Watt
	Dimension(LxWxH)	1200mm x 45mm x 19mm	1500mm x 45mm x 19mm	1800mm x 45mm x 19mm
	Weight	1.61kg	2.01kg	2.4kg
	AC input voltage range	Free voltage 90~305VAC, 47~63Hz		
Power	SMPS mode (PSU)	DC Current Design(C.V, C.C Mode)		
	Protection	Short circuit, Overload, Over voltage		
	Power Factor	Efficiency ≥95%, PFC ≥0.98		
	Total Harmonic Distortion	THD<20%(@load≥50%/115VAC,230VAC; @load≥75%/277VAC)		
LEDs	Inrush Current	Cold Start 70A(twidth=1010μs measured at 50% Ipeak) at 230VAC; Per NEMA 410		
	Spectrum Spectrum Ratio(R:B:O)	RBS, RBF, RBW (Please refer to "PARUS Spectrum")		
	Heat Sink Type	Cooling by free air convection		
Heat Sink	FRAME Material	Body	Aluminium	
		PCB	Metal PCB(aluminium)	
		Heat conduction	2.0 w/m.k	
		Thermal resistance	0.20 °C/w	
Heat Value	BTU/h	82	102	123
Efficiency	PPF (μmol/s) RBS Spectrum Standard	136 μmol/s	170 μmol/s	204 μmol/s
	PPF/j (μmol/j)	3.4/RBS, 3.3/RBF, 3.1/RBW, 2.4/BBR		
	PPFD (μmol m ⁻² s ⁻¹) RBS Spectrum Standard	1180 μmol m ⁻² s ⁻¹ (measure the distance 100mm) 351 μmol m ⁻² s ⁻¹ (measure the distance 200mm) 192 μmol m ⁻² s ⁻¹ (measure the distance 300mm) 128 μmol m ⁻² s ⁻¹ (measure the distance 500mm)		
Control	Dimming Control	Single Dimming, Group Dimming, Wi-Fi Control (Please refer to "Color dimming controller")		
	Pulse / Duty rate	400μs / 0~100%		
IP Class	IP65	complete protection against contact, Water projected in powerful jets against the enclosure from any direction shall have no harmful effects. Option : IP67		
Ambient Temperature	Storage Temp.	-30°C ~ 85°C		
	Operation Temp.	~35°C		
Angle	Lamp angle	60°, 82°, 110°, 130°, 140°		
Life time		Over 50,000hr		
Safety	Standard	CE, EMC, UL,cUL		
Warranty	5 years	5 years		