

LED Grow Light Specification SHEET

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Product	Model name		<i>PGL - RA350 COB</i>	
	System Power Consumption		<i>Max 370Watt - - 0~370W dimmable</i>	
	Dimensions(LxWxH)		<i>360mmx170mmx160mm</i>	
	Approx. Weight		<i>8.2kg</i>	
Power	Ac input Voltage range		<i>Free voltage 90>305Vac, 547>63Hz</i>	
	SMPS Mode (Driver/PSU)		<i>DC Current Design // internal-Fan cooled</i>	
	Protection		<i>Short circuit, Overload, Over Voltage, Over Temp.</i>	
	Power Factor		<i>Pf>95%</i>	
	Light source		<i>Hi-Power LED COB Module</i>	
	Total Numbers of LED's		<i>3sets - appr.110W COB each</i>	
	Used LED		<i>wavelength, 430&450Nm, 530Nm, 640&660nm, 730Nm</i>	
	RED	Numbers of LED's	<i># Depending on option See Draw 1.1</i>	
		Type of LED	<i># Depending on option See Draw 1.1</i>	
		Peak Wavelength	<i># Depending on option See Draw 1.1</i>	
		Dominant Wavelength	<i># Depending on option See Draw 1.1</i>	
	Blue	Numbers of LED's	<i># Depending on option See Draw 1.1</i>	
		Type of LED	<i># Depending on option See Draw 1.1</i>	
		Peak Wavelength	<i># Depending on option See Draw 1.1</i>	
		Dominant Wavelength	<i># Depending on option See Draw 1.1</i>	
	UV	Numbers of LED's	<i># Depending on option See Draw 1.1</i>	
		Type of LED	<i># Depending on option See Draw 1.1</i>	
		Peak Wavelength	<i># Depending on option See Draw 1.1</i>	
		Dominant Wavelength	<i># Depending on option See Draw 1.1</i>	
	Infrared	Numbers of LED's	<i># Depending on option See Draw 1.1</i>	
		Type of LED	<i># Depending on option See Draw 1.1</i>	
		Peak Wavelength	<i># Depending on option See Draw 1.1</i>	
		Dominant Wavelength	<i># Depending on option See Draw 1.1</i>	
	Other	Numbers of LED's	<i># Depending on option See Draw 1.1</i>	
Type of LED		<i># Depending on option See Draw 1.1</i>		
Peak Wavelength		<i># Depending on option See Draw 1.1</i>		
Dominant Wavelength		<i># Depending on option See Draw 1.1</i>		
Heat Sink	Heat Sink Type		<i>Cooling by Fan system</i>	
	Frame Material	Body	<i>Aluminium (in Black & Alu)</i>	
		PCB	<i>Metal PCB (aluminium)</i>	
		Heat conduction	<i>2.0 w/m.k</i>	
		Thermal resistance	<i>0.2°C/w</i>	
IP Class			<i>IP55</i>	
Efficiency	Lamp Efficiency		<i>94%</i>	
	Coverage		<i>4~10m²</i>	
	Approx. PPFD	0.5Mtr	<i>980 μMol-m²-s¹</i>	
		1.0Mtr	<i>242 μMol-m²-s¹</i>	
		1.5Mtr	<i>113 μMol-m²-s¹</i>	
2.0Mtr		<i>67 μMol-m²-s¹</i>		
Lamp	Storage Temp.		<i>min 30°C > 85°C</i>	
	Operation Temp.		<i>~35 °C</i>	
	Lamp angle		<i>120°</i>	
Estimated Life time			<i>Over 50,000hr</i>	
Safety		Standards	<i>CE, EMC, (SMPS UL Listed)</i>	
Manufacture Warranty			<i>3Years</i>	

All information is provided by manufacture

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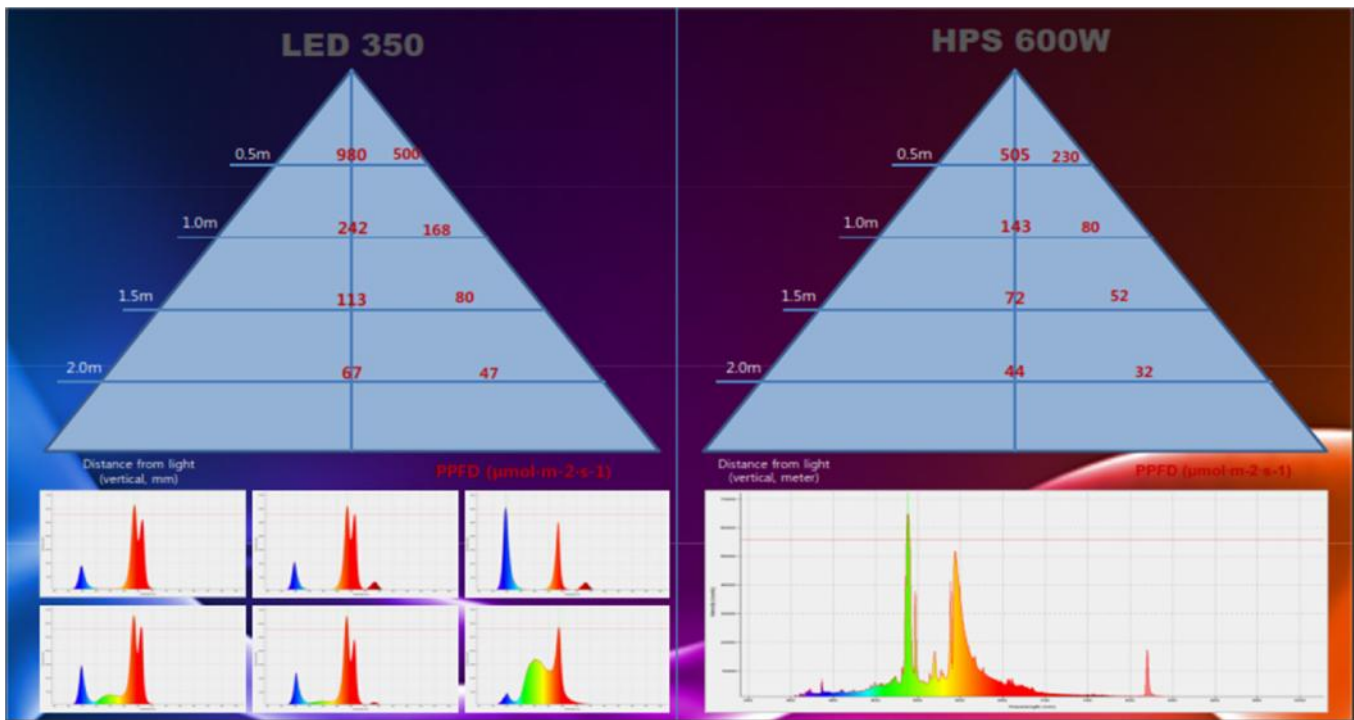
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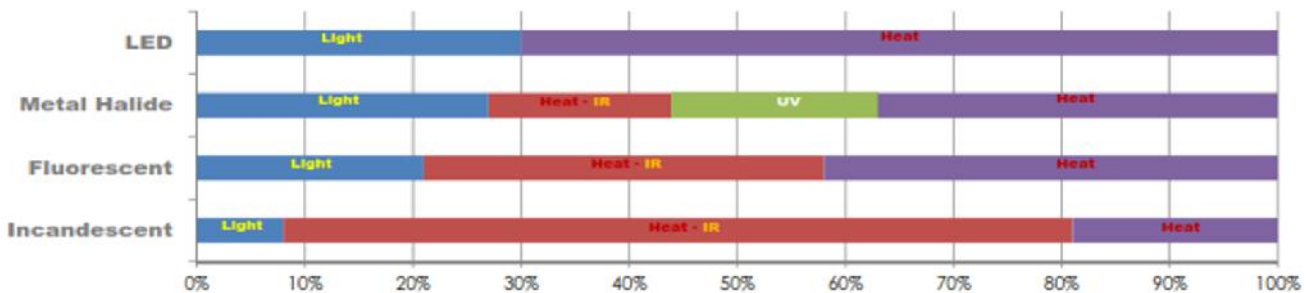
Product Photo



Draw 1.1 (PPFD)



Conversion



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