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604-945-4117

Horticulture / Greenhouse Lighting Products

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## Professional Grade Full Spectrum Lighting System

Double D-Papillon

Ceramic Metal Halide Lamp

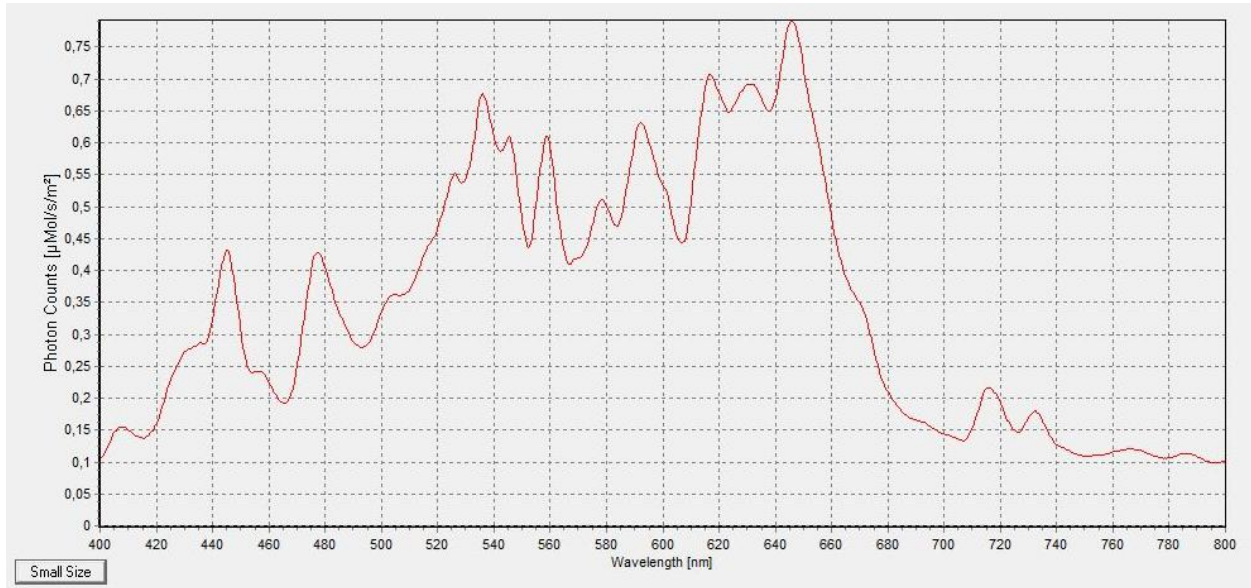
The Future For Indoor Hydroponics



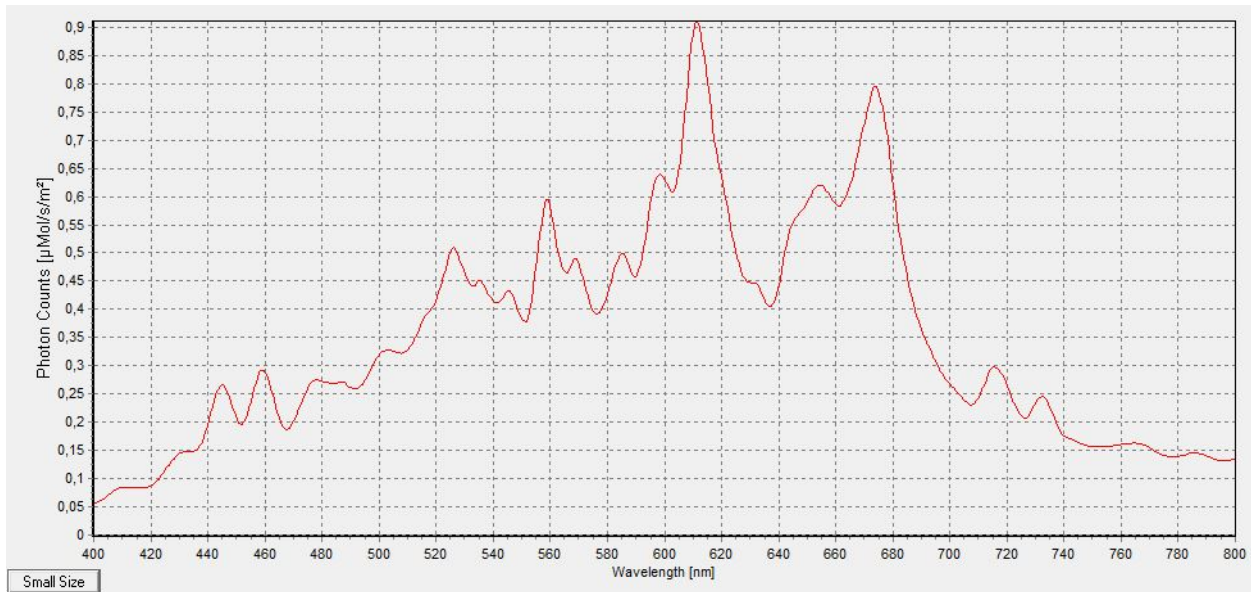
The perfect light for both Vegetation and Flowering!

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Spectrum daylight 942 at 120% boost:



Spectrum greenpower at 120% boost:

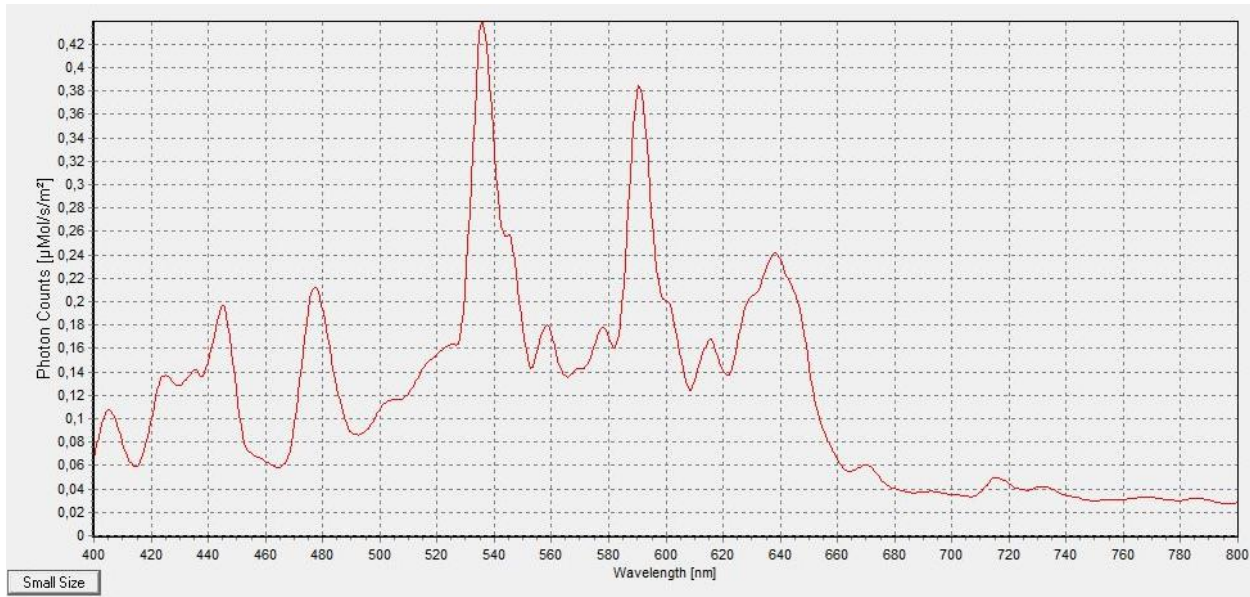


**An optimized bulb operating at 120% results in a boost in the 720 and 730 nm range and improves flowering.**

Both greenpower and daylight have nice blue peaks at 440 and 460nm.

When both bulbs are dimmed the blue ratio increases a lot!

Below the daylight at 50% dim, blue percentage in spectrum = 25-30%



## Technical Specifications dPapillon 630W

- Professional grade full spectrum lighting system.
- Available with GreenPower and Daylight lamp.
- 800W ultra-high frequency ballast.
- Very high lamp efficiency up to 1.90 µmol/W.
- Very high par rating GreenPower lamp 1200 µmol/s, Rated 16.000 hours > 90%
- Very high par rating Daylight lamp 1100 µmol/s, Rated 16.000 hours > 90%
- High density Vega aluminum reflector with only 1% annual depreciation.
- Patented open reflector design increases efficiency to 95%, promoting longer bulb life due to reduced heat buildup.
- Driver efficiency > 95%.
- IP23 aluminum housing.
- Lamp & reflector easily replaceable.
- 3 Year warranty on fixture, 1 year on bulb.



<b>Rated Mains voltage</b>	220V-240V
<b>Voltage range (+/- 10%)</b>	202V-264V
<b>Frequency</b>	50Hz – 60Hz
<b>Current</b>	2.8 Amps @ 240V
<b>Max Current (120% dim)</b>	3.3 Amps @ 240V
<b>Bulb Operation frequency</b>	100 - 200 kHz
<b>Nominal Rated Power</b>	670W
<b>Max Rated Power (120% dim)</b>	800W
<b>Inrush current</b>	< 35A
<b>Power factor</b>	>0.95
<b>Philips CDM Elite MW 315W Bulbs</b>	Rated 16.000 hours > 90%

Dim Button Control

1 = 50%	<b>315W</b>	-	<b>550</b> $\mu\text{mol/s}$ with Daylight 942 bulb
		-	<b>600</b> $\mu\text{mol/s}$ with GreenPower bulb
2 = 70%	<b>460W</b>	-	<b>770</b> $\mu\text{mol/s}$ with Daylight 942 bulb
		-	<b>840</b> $\mu\text{mol/s}$ with GreenPower bulb
3 = 85%	<b>560W</b>	-	<b>935</b> $\mu\text{mol/s}$ with Daylight 942 bulb
		-	<b>1020</b> $\mu\text{mol/s}$ with GreenPower bulb
4 = 100%	<b>660W</b>	-	<b>1100</b> $\mu\text{mol/s}$ with Daylight 942 bulb
		-	<b>1200</b> $\mu\text{mol/s}$ with GreenPower bulb
5 = 110%	<b>720W</b>	-	<b>1210</b> $\mu\text{mol/s}$ with Daylight 942 bulb
		-	<b>1320</b> $\mu\text{mol/s}$ with GreenPower bulb
6 = 120 %	<b>760W</b>	-	<b>1350</b> $\mu\text{mol/s}$ with Daylight 942 bulb
		-	<b>1450</b> $\mu\text{mol/s}$ with GreenPower bulb

<b>Weight</b>	6.5 kg (14.3 lbs.)
<b>Dimensions (lxwxh)</b>	38.0 x 23.0 x 33.0 cm (18.5 x 9.1 x 13.0 inch)

Compatible with a Dali dim 0-10v converter. Each converter can control multiple drivers.

< 0V = off	3V = 50%
4V = 60%	5V = 70%
6V = 80%	7V = 90%
8V = 100%	9V = 110%
10V = 120 %	