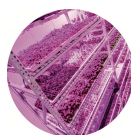


• Plantekno GreenLine



Plantekno GreenLine was developed in long time with more R&D experiments. We have designed this model with high efficiency LEDs for long time operation and economical using. It has true and effective wavelengths for photosynthesis of plant.



Vertical Farming



Tissue Culture



Seedling Cultivation



Scientific Practices



Plant Grafting

	GreenLine G1 75cm	GreenLine G2 75cm	GreenLine G1 150cm	GreenLine G2 150cm
Power Input	220-230VAC / 50-60 Hz	220-230VAC / 50-60 Hz	220-230VAC / 50-60 Hz	220-230VAC / 50-60 Hz
Power Usage	30 Watt	30 Watt	60 Watt	60 Watt
Efficiency	Up to 96%	Up to 96%	Up to 96%	Up to 96%
PPF/W	2.2 $\mu\text{mol/W}$	2.5 $\mu\text{mol/W}$	2.2 $\mu\text{mol/W}$	2.5 $\mu\text{mol/W}$
Total PPF	66 $\mu\text{mol/s}$	75 $\mu\text{mol/s}$	132 $\mu\text{mol/s}$	150 $\mu\text{mol/s}$
IP Protection	IP65	IP65	IP65	IP65
Heat Output	3.4 BTU/h.W	3.4 BTU/h.W	3.4 BTU/h.W	3.4 BTU/h.W
Working Humidity	%99	%99	%99	%99
Operating Temp.	30-40 °C	30-40 °C	30-40 °C	30-40 °C
Ambient Temp.	-10 +30 °C	-10 +30 °C	-10 +30 °C	-10 +30 °C
Spectrum	Standard and Optional	Standard and Optional	Standard and Optional	Standard and Optional
Lifespan L70	40.000h	60.000h	40.000h	60.000h
Viewing Angle	90 or 120 degree (50%)	90 or 120 degree (50%)	90 or 120 degree (50%)	90 or 120 degree (50%)
Dimension	754x45x47mm	754x45x47mm	1504x45x47mm	1504x45x47mm
Weight	0.975 kg	0.975 kg	1.7 kg	1.7 kg
Certificate	CE	CE	CE	CE
Warranty	4 years	5 years	4 years	5 years

Order Code	Length	Power	V. Angle (50%)	PPF	CODE	Standard Spectrum Combinations
PL075030D090GL-G1	75cm	30W	90 degree	66 $\mu\text{mol/s}$	PL32A	General purpose with highest efficiency output
PL075030D090GL-G2	75cm	30W	90 degree	75 $\mu\text{mol/s}$	PL33G	Best combination for Germination purpose
PL075030D120GL-G1	75cm	30W	120 degree	66 $\mu\text{mol/s}$	PL34S	Best combination for Seedling
PL075030D120GL-G2	75cm	30W	120 degree	75 $\mu\text{mol/s}$	PL35V	Best combination for Vegetative growth
PL150060D090GL-G1	150cm	60W	90 degree	132 $\mu\text{mol/s}$	PL36F	Best combination for Flowering and Fruting
PL150060D090GL-G2	150cm	60W	90 degree	132 $\mu\text{mol/s}$	*** Custom design available.	
PL150060D120GL-G1	150cm	60W	120 degree	150 $\mu\text{mol/s}$	General Notes 100-277VAC Power Input - Optionally specific spectrum combination with unique colors. - Available Colors: 450nm, 660nm, 730nm, 2000-10000 Kelvin - PPF, Lumen, Watt values are based general spectrum combination and can be different according to any other spectrum combinations. - All values may vary in the range of +5%.	
PL150060D120GL-G2	150cm	60W	120 degree	150 $\mu\text{mol/s}$		

