

• Plantekno Extreme GreenLine



The **Extreme GreenLine** can be best solution for toplighting of greenhouses. **Extreme GreenLine** series substitute traditional HID/HPS lighting. It is efficient during lighting of your greenhouse with most important features such as a long lifespan, up to $2.75 \mu\text{mol/W}$ light output and up to 96% electric using efficiency. **Plantekno Extreme GreenLine** has IP66 protection structure against water and humidity. It has %100 aluminium body for the best thermal conductivity. Lowest thermal resistance technology is provides a long lifespan.



Greenhouse



Seedling Cultivation



Scientific Practices



Algae Growing

	Extreme GreenLine G1	Extreme GreenLine G2	Order Code		V. Angle (50%)	Power	PPF
Power Input	220-230VAC / 50-60 Hz	220-230VAC / 50-60 Hz	PL120160D090EGLH-G1	90 degree	160W	352 μmol/s	
Power Usage	160 Watt	160 Watt	PL120160D090EGLH-G2	90 degree	160W	400 μmol/s	
Efficiency	Up to 96%	Up to 96%	PL120160D120EGLH-G1	120 degree	160W	352 μmol/s	
PPF/W	2.2 μmol/W	2.5 μmol/W	PL120160D120EGLH-G2	120 degree	160W	400 μmol/s	
Total PPF	352 μmol/s	400 μmol/s	CODE	Standard Spectrum Combinations			
IP Protection	IP65	IP65	PL32A	General purpose with highest efficiency output			
Heat Output	3.4 BTU/h.W	3.4 BTU/h.W	PL33G	Best combination for Germination purpose			
Working Humidity	%99	%99	PL34S	Best combination for Seedling			
Operating Temp.	30-40 °C	30-40 °C	PL35V	Best combination for Vegetative growth			
Ambient Temp.	-10 +30 °C	-10 +30 °C	PL36F	Best combination for Flowering and Fruting			
Spectrum	Standard and Optional	Standard and Optional	*** Custom design available.				
Lifespan L70	40.000h	60.000h	General Notes				
Viewing Angle	90 or 120 degree (50%)	90 or 120 degree (50%)	<ul style="list-style-type: none">• 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%.				
Dimension	1204x86x64mm	1204x86x64mm					
Weight	2.6 kg	2.6 kg					
Certificate	CE	CE					
Warranty	4 years	5 years					

