



Extreme GreenLine



Extreme GreenLine can be the best solution for top lighting in greenhouses. Extreme GreenLine series substitute traditional HID/HPS lighting. It has the important features such as long lifespan, up to 2.50μmol/W light output and up to 96% electric using efficiency. Extreme GreenLine has IP65 protection structure against water and humidity, which has also a specially designed aluminum body for the best thermal conductivity. In addition, natural cooling technology provides a quiet environment.



Scientific Practices



Greenhouse



Speed Breeding



Seedling



Algae Production

| | 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 | %96 (non-condensing) | %96 (non-condensing) | 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 | %96 (non-condensing) | %96 (non-condensing) | 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%) | • 100-277VAC Power Input • Optionally a specific spectrum combination with unique colors. • Available Colors: 450nm, 660nm, 730nm, 2000-10000 Kelvin • PPF, Lumen, Watt values are based on general spectrum combination and can be different according to any other spectrum combinations. • All values may vary in the range of +-5%. • 90° viewing angle can be applied for only high quantity orders. | | | |
| Dimension | 1210x88x66mm | 1210x88x66mm | | | | |
| Weight | 2.6 kg | 2.6 kg | | | | |
| Certificate | CE | CE | | | | |
| Warranty | 3 years | 4 years | | | | |

