

BUSD1DEPHP1

Phantom PRO Double-Ended High Pressure Sodium (HPS) Lamp, 1000W

The Phantom Pro 1000W DE HPS lamp is purpose-built for horticultural professionals who require high output combined with long service life. Proprietary arc tube is precision engineered of European material for outstanding performance – these lamps output 2100 $\mu\text{mol/s}$ of photosynthetic photon flux (PPF 400-700nm) and 2330 $\mu\text{mol/s}$ of plant biologically active radiation (PBAR 280-800nm) when operated at 1000W.

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Specifications

| | |
|-------------------------------|----------------------------------|
| Lamp Wattage (W) | 1000W |
| PPF 400–700nm | 2,100 $\mu\text{mol/s}$ |
| PBAR 280–800nm | 2,330 $\mu\text{mol/s}$ |
| Lamp Type | T10 |
| Operating Position | Horizontal |
| Ballast | 1000W Electronic, High Frequency |
| Color Temperature | 2000K |
| Rated Service Life | 10,000 hours |
| Operating Voltage (V) | 220V |
| Base Designation | K12x30s |
| Max Overall Length (MOL) | 15.51" |
| Light Center Length (LCL) | 7.76" |
| Max Base Temperature (°C) | 250C |
| Max Bulb Temperature(°C) | 700C |
| Luminaire Type | Open rated |
| Light Output (Lumens 100 Hrs) | 155000 |
| Lamp Lumens Per Watt | 155 |
| Chromaticity (CIE-x/y) | 0.522, 0.415 |
| Color Rendering Index (CRI) | 22 |
| To 90% Warm Up Time (min) | 4 min |
| Hot Restart Time (min) | 3–5 min |

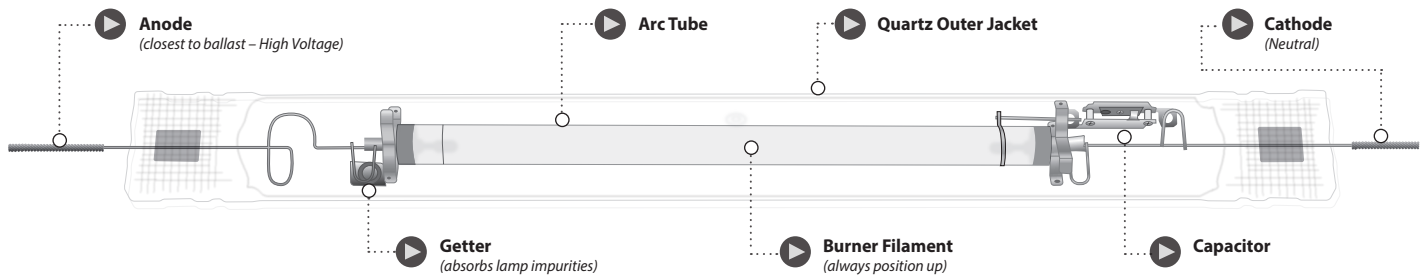
Safety

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|-----------------|-------|
| Mercury Content | 40 mg |
|-----------------|-------|



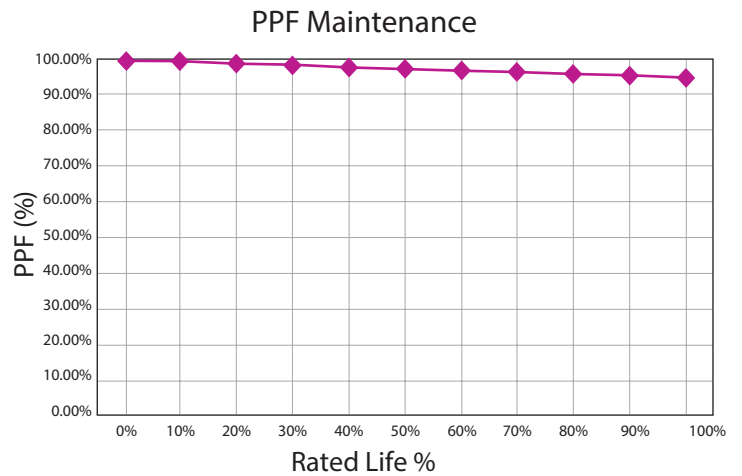
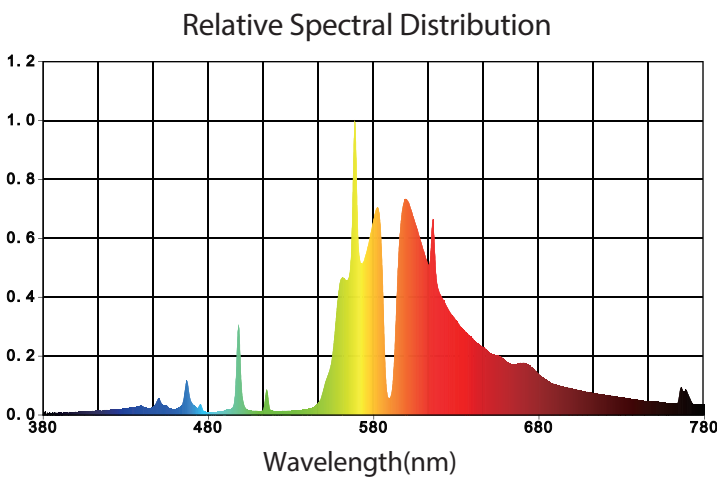
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Spectrum



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Operation Notes

⚠ WARNING: This lamp can cause skin burn and eye inflammation from short wave ultraviolet radiation if outer envelope of the lamp is broken or punctured. Do not use where people will remain for more than a few minutes unless adequate shielding or other safety precautions have been taken. **Specifically designed for high frequency electronics ballasts (>100KHz).**

⚠ WARNING – POSSIBLE RISK OF INJURY TO EYES AND SKIN

⚠ Hazardous UV, HEV, and IR radiation may be emitted from light source. Always wear personal protective equipment ensuring complete shielding of skin and eyes. Avoid prolonged exposure and looking directly at light source.

⚠ WARNING:
Cancer and Reproductive Harm.
www.p65warnings.ca.gov

