



P.L. LIGHT SYSTEMS

THE LIGHTING KNOWLEDGE COMPANY

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P.L. Light 1000W Extra DE HPS Horticultural Lamp



Physical Data / Requirements

Base Designation	K12x30S
Lamp Designation	UV
Lamp Diameter (mm)	32 mm
Overall Length (max.)	394 mm
Max. Lamp Temp. (°C)	250°C / 700°F
Socket Pulse Rating (kV)	>5kV

Electrical Data Requirements

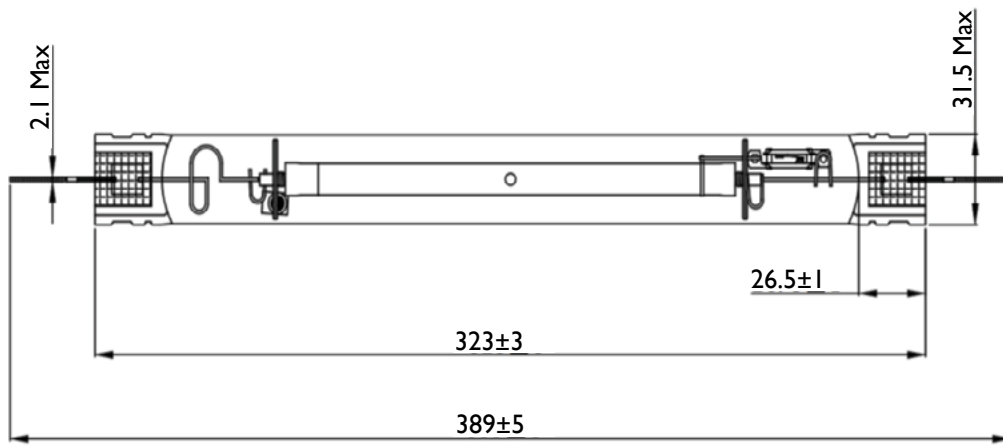
Lamp Wattage (W)	1000W
Operating Voltage	>220V
Lamp Current	4.0 Amp.
Ballast	EVSA
Min. Open Circuit Voltage (RMS)	400V
Ignition Voltage P-Peak	3500-4000V

Performance Data

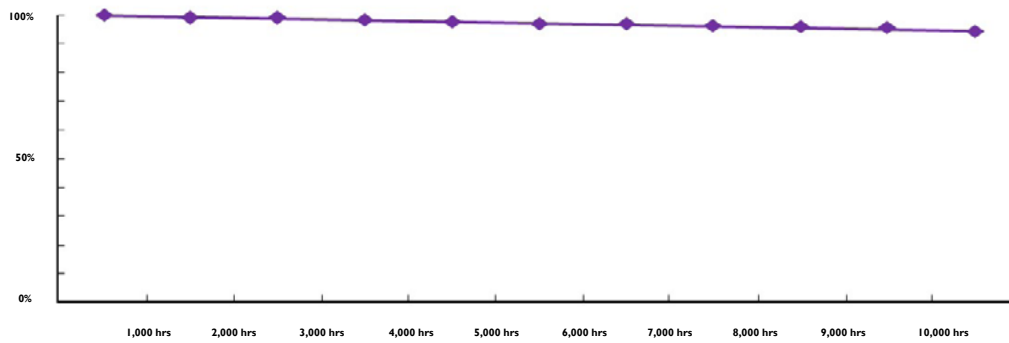
Light Output (Lumens 100Hrs)	150 000 Lumen
Mean Lumen / Watt	150 Lumen
Rated Life	10 000 Hours
Hot Restrike Time (min)	15-30 mins (until lamp has completely cooled)
Burning Position	Horizontal +/- 15 degr.
Photon Flux PPF (μmol/s)	2150 μmol/s

Environmental Parameters

Mercury Content	40 mg
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PPF Maintenance



Spectrum

