

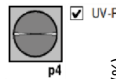
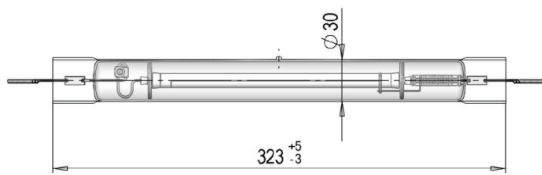
HORTURION HPS 1000 W DE EL 2.2

High pressure sodium lamp for plant growth

Application Efficient grow lighting for professional greenhouses and turf lighting.

- Description**
- Spectral distribution optimized for photosynthesis efficiency
 - High red light ratio and blue output for healthy plant growth and robustness
 - Superior μmol output within the PAR spectral range (Photosynthesis Active Radiation)
 - High PAR maintenance over lifetime
 - Easy lamp change

1. Specifications



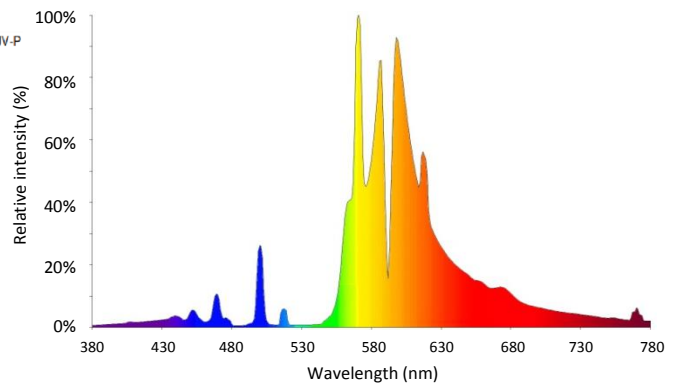
Designation HPS 1000 W DE EL 2.2
 Part number 216310
 ILCOS-Code ST-1000-E230/S-Litze-33,5/330

Lamp power 1 000 W
 Lamp current 4,35 A
 Lamp voltage 230 V
 Ignition voltage 3,2 kV (peak to earth)

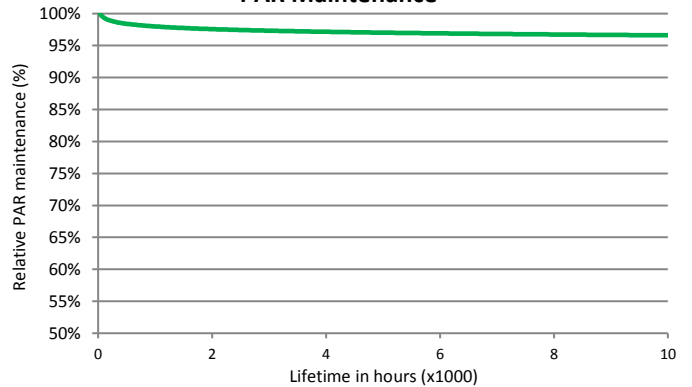
PAR 2 100 $\mu\text{mol/s}$
 Service lifetime 10 000 h

Power supply (PS) 1000 W electronic / 100-150 kHz
 PS output power 1 015 W
 Base cables for lamp holder K12x30S
 Bulb contour tubular
 Bulb type clear

Spectral distribution (per 5nm)

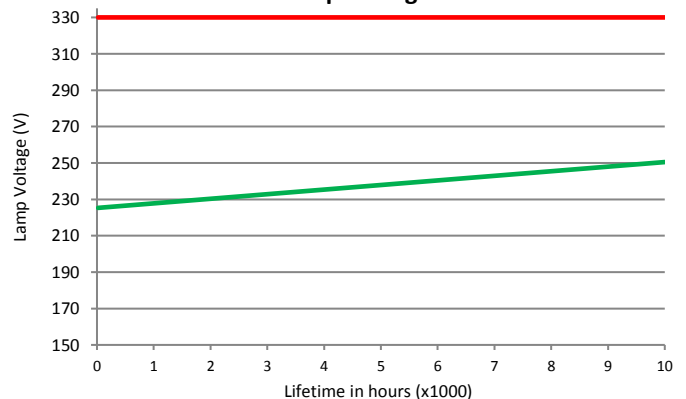


PAR Maintenance



— BLV HORTURION HPS 1000W DE EL (the trend line is based on tests under defined and stable laboratory conditions. Measurements are performed on naked lamps in a Ulbricht sphere with a Licor LI 190)

Lamp Voltage



— Electronic Control gear safety switch off
 — BLV HORTURION HPS 1000W DE EL 2.2 (the measurements are performed in a Ulbricht sphere with a Net frequency of 50Hz and a configured lamp power of 1000W)