

## 2-785 DIMLUX XTREME OUTPUT CALIFORNIA SPEC HPS 400V 1000/ 1250W DE EL



### DESCRIPTION

The DXO CA spec lamp was developed with one goal in mind, to be the most efficient lamp ever made and, together with the Dimlux Expert Series MKII 1000W fixture, to be the only in the world to comply with the 2022 California Energy Code.

The new Expert Series 1000/ 1250W MKII fixture together with the new DXO CA spec lamp is the only combination in the world to have a system efficacy (PPE) of more than 2.1  $\mu\text{mol}/\text{J}$ , an unprecedented achievement that was thought to be impossible. Most competing brands barely reach the 1.8  $\mu\text{mol}/\text{J}$ , and only a few reach the 1.9  $\mu\text{mol}/\text{J}$ .

### MADE FOR BOOST

The new developed DXO California Spec HPS 400V 1000/1250W DE EL bulb is the best performing 400V EL bulb available. It's the only bulb specifically designed for dimming AND boosting which results in the highest performance at boost without the PAR deprivation. It's targeted for professional horticulturalists in the commercial food growing industry, which is largely down to its ability to pile on weight during the bloom phase. The extremely high PAR output and high PAR maintenance provide the best in class grow light and set a new benchmark for 1000W 400V EL bulbs.

### XTREME LONG-LASTING STAYS 95% PAR MAINTENANCE AFTER 10.000H OPERATION!

The extremely high PAR output and high PAR maintenance provide the best in class grow light and set a new benchmark for all EL bulbs. The bulb produces light mostly in the orange/red part of the spectrum for heavy flowering however, it does produce some light in the blue part of the spectrum making it suitable for vegging.

The DXO California Spec HPS 400V 1000/1250W DE EL bulb is a single-spectrum bulb with the most plant-useable light output of just about any 1000 Watt lamp on the market. The bulb produces light mostly in the orange/red part of the spectrum for heavy flowering however, it does produce some light in the blue part of the spectrum making it suitable for vegging. It has been specifically designed to make the most of your HPS (400 Volt / 1000 Watt) electronic system with boost where it will produce more plant-useable light photons, of a better spectrum, than any other 1000 Watt bulb available.

### SPECIFICATIONS

Light Output PAR (PPF 400-700nm):  
2780  $\mu\text{mol}/\text{s}$  @ 1250W

Light Output Total (PPF 350-800nm):  
3370  $\mu\text{mol}/\text{s}$  @ 1250W

Photon Efficacy PAR (PPE 400-700nm):  
2,23  $\mu\text{mol}/\text{J}$  @ 1150-1250W

Photon Efficacy Total (PPE 350-800nm):  
2,46  $\mu\text{mol}/\text{J}$  @ 1150-1250