Grow Lamps, Tubes & Bulbs -

High Pressure Sodium (HPS), Metal

Halide

(MH), T5, T8, T10, T12, HQI, LED, etc. > Enhanced Performance 1000W HPS Lamps

1000w 2K High Pressure Sodium Lamp.

Model: SL18S

1000w 2K High Pressure Sodium Lamp.

Manufacturer: -

1000 watt Sylvania High Pressure Sodium lamp. Manufacturer's Code: 67307Initial Lumens: 130000 This Sylvania High Pressure Sodium lamp was chosen to be a grow lamp because its light spectrum is conducive to plant growth. It is designed to deliver the light output of the standard grade HPS lamps that are generally found burning in parking lots and highways. These High Pressure Sodium lamps are used in greenhouses to elevate the red, orange and yellow electromagnetic wavelengths hitting the plant. This (along with shorter photo-periods) signals the plant to start producing bloom hormones. Increased red, orange and yellow wavelengths can produce higher yields and more abundant blooms and fruiting sites when quality plant foods and bloom leaf sprays are used. Indoor gardeners, lacking the Sun, may find that Hps lamps do not supply the necessary amount of blue light to keep plants healthy. Blue light drives photosynthesis, translocates sugars and keeps the immune system working properly. Those growing areas using HPS lamps exclusively in the bloom stages of growth may experience adverse vertical stretching and blooms located only at the top of the plant. It is suggested to burn a Metal Halide lamp along side of the HPS lamp to increase sugar production and horizontal growth. Increased insect attack in the final stages of HPS only bloom growth may also be experienced. Other options would include using Sunmaster Warm Metal Halide lamps that burn at the 3 thousand Kelvin color temperature range. They have enough red, orange and yellow light to trigger bloom hormones and an ample amount of blue to keep plants healthy and proportional in size.

Price: $67.16

HorticultureSource.com

Copyright © 2005 — 2011 Usisu, Inc. - www.horticulturesource.com