

SunPro

SunPro Super Bloom 1000W HPS DE



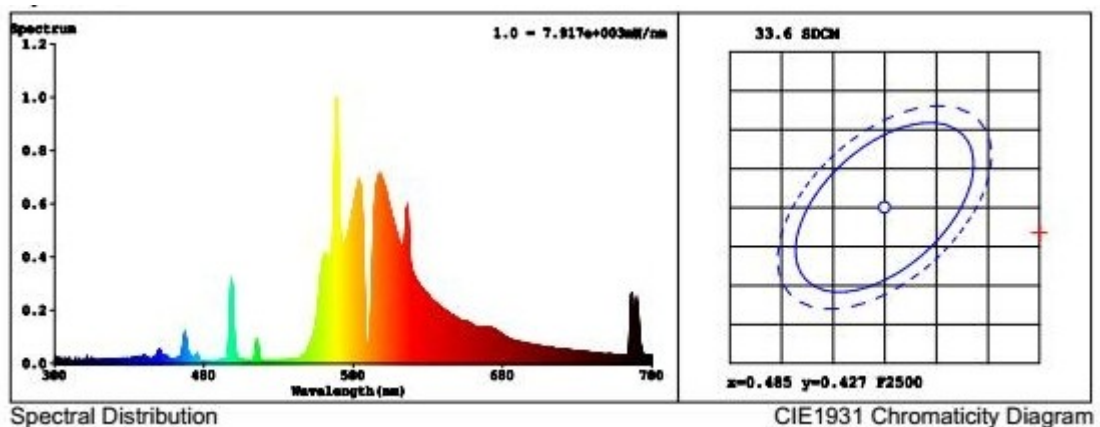
SunPro
1000W HPS DE

designed for

SunPro Complete DE Fixture 1000W HPS

Type:	1000W HPS DE
Lumen flux:	148000 Lm
Efficiency:	147 Lm/W
Photosynthetic flux PPF:	2114 $\mu\text{mol/s}$ (with superlumen settings)
Color temperature:	2000 K
Fluo. and blue light ratio:	27.47
Fluorescent efficiency:	397.1
Voltage:	230 V
Current:	4.5 A
Power:	1005 W

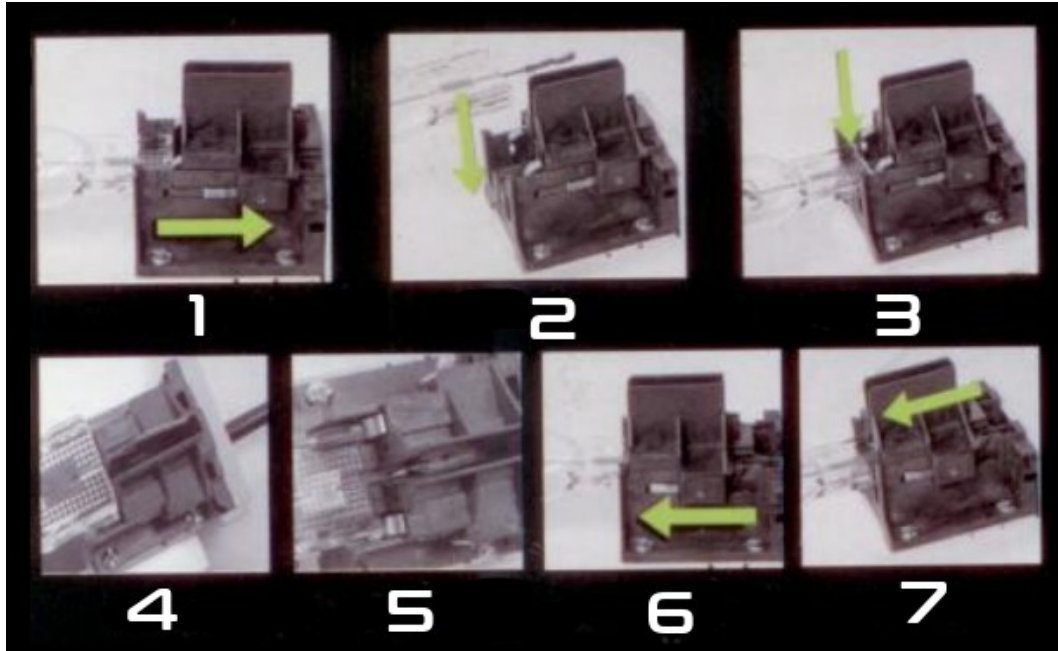
Color spectrum:



HOW TO USE DE LAMP IN COMPLETE FIXTURE:

O – DO NOT TOUCH WITH BARE HANDS, PUT GLOVES ON

The outer jacket is made from quartz glass. Do not touch the bulb with bare hand like usual lamps. It can weaken the glass and can cause lamp failure. Use cotton gloves.



OPEN BOTH LAMP HOLDERS

Slide gently both lamp holders outwards and away from the center of the fixture, as in **picture 1**.

DO NOT APPLY EXCESSIVE FORCE

Continue by installing the DE lamp within the lamp holders, as you see in **picture 2 and 3**.

THE WIRE END MUST BE FULLY SEATED

Before sliding both socket ends closed, seat the wire ends as you see in **picture 4 and 5**.

ONCE THE LAMP IS CORRECTLY POSITIONED

You can slide the lamp holder inward toward the center of the bulb to secure and lock the lamp in right place. As you see in **picture 6 and 7**.

NOTES:

Minimize any excessive handling with the DE lamp. Don't touch it with bare hands. Use only cotton cloth, if the lamp needs cleaning. Don't force the lamp holders closed.

HANG THE FIXTURE:

At first, make sure your complete fixture unit is unplugged. Then, hang the fixture on both ends. Use strong chain or cord. Make sure, your hooks fits solidly. We recommend hooks with minimal load capacity about 25 kg.

NOTIFICATION:

DO NOT TEST the fixture without lamp installed

The lamp cord between reflector and ballast should NOT be extended.

Double check the sockets locking position by flashlight is strongly recommended.

Safety recommendation, warnings, cautions:

Mounting and installing of the fixture can only be executed by certified service personnel. The fitter is responsible for correct and safe installation.

Always adhere to the local rules and regulations when installing or using the fixture. This product may cause interference to radio equipment and should not be installed near maritime safety communications equipment or other critical navigation or communication equipment operating between 0.45 - 30 MHz.

Always install the lamp before connecting the fixture to the mains. Ensure the cord is not coiled and does not touch any hot surfaces.

Do not use the fixture when either its lamp or its power cord are damaged. Replace the power cord only with original certified cords. Modifications to the cords can lead to unwanted electromagnetic effects.

Do not use the fixture in:

- high humidity, heavy mist, fog or direct spray;*
- higher or lower temperature outside the specified range;*
- dust and contamination;*
- direct sunlight during use or HID light that could heat up the ballast.*

Always disconnect the fixture from mains before performing any maintenance. Always allow for a cool down period of at least 30 minutes before touching the lamp or reflector. Touching the lamp or the reflector when the lamp is lit or immediately afterwards will result in severe burns.

Never touch the lamp with bare hands as this will cause damage to the lamp. Do not use the fixture near flammable, explosive or reactive substances. The lamp and the reflector of the fixture reach temperatures of >85 °Celsius .

Do not use sulfur vaporizers or water misters. Sulfur and calcium deposits on your reflector will decrease its efficiency.

The installation and use of the fixture is the responsibility of the end user. Incorrect use or installation can lead to failure and damage to the fixture. Damage to the fixture and electronic circuitry as a result of incorrect installation and use revokes the warranty.

Do not touch the lamp with bare hands as this will damage the lamp. Always use a fabric glove to handle the lamp.

Disconnect the product from mains before performing any maintenance or repairs.

Do not open or disassemble the fixture. Opening the fixture can be dangerous and will void the warranty. Always allow for a cool down period of at least 30 minutes before touching the lamp or reflector.

Do not clean the fixture with detergents, abrasives or other dangerous substances.

Do not touch the inside of the reflector during installation.

Wait 20 minutes before activating the fixture after maintenance work has been conducted.

The lamps are chemical hazardous waste and must be delivered to the designated authorities. The lamp contains mercury.

Storage:

Store the fixture in a dry and clean environment, with an ambient temperature between 20-85 °C

The product must not be discarded as unsorted municipal waste, but must be collected separately for the purpose of treatment, recovery and environmentally sound disposal.

Warranty:

2 years, for more information ask your distributor or reseller.

More info on www.sunprotechnology.com - info@sunprotechnology.com