

FDP  
WHOLESALE

**solacure**

[www.solacure.eu](http://www.solacure.eu)



# FIXTURE FOR FLOWER POWER UVR8 LAMPS

INSTRUCTIONS

1000MM & 1200MM

PART NO: 06298 / 06281

UVB

UVR8

## **Thanks for purchasing the Solacure Fixture for Flower Power UVR8 Lamps.**

This is a premium horticultural fixture designed for UVB production and is for use with Solacure Flower Power lamps only.

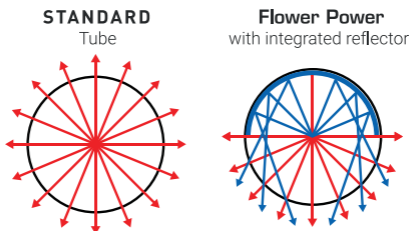
Please read this leaflet carefully to familiarise yourself with the products operation and safety instructions.

### **WHAT TO EXPECT FROM OUR LAMPS:**

- Increase production of unique plant compounds from between 20% - 35%, with many growers reporting increases of 35%+. Our patented technology makes this possible through the stimulation of the UVR8 protein, which is triggered by UVB radiation at 288nm. This, in turn, stimulates plants to produce more compounds to protect itself from the increased UVB.
- Kill or suppress Powdery Mildew. Our lamps are proven to help eliminate PM and other moulds which cannot live in a high UV environment. They are not a substitute for good sanitation, but provide extra insurance that PM won't sneak up on you.
- Kill or suppress insects. The 66% UVA portion of our lamps is modelled after the sun, but is more intense. In a growroom, where there is nowhere to hide, insect populations will drastically reduce before they multiply.
- More compact, denser flowers and less 'legginess' during flowering. High UVB exposure reduces how much taller plants get during flowering, as the plant converts energy from growing taller stems into producing more unique plant compounds.

## BUILT IN REFLECTORS

Solacure lamps are R-UV lamps. The 'R' stands for 'Reflector' because the lamps have reflectors built inside the tube. R-UV lamps increase the total UV output of the lamp and mean you don't need your own reflectors.



## SETTING UP

1. **Insert lamp into fixture by locating lamp pins inside holder and twisting lamp to lock in place. Push lamp holders back towards lamp to complete installation. Make sure the logo on the lamp is facing your plants. Failure to do this means the built in reflector will block all UVB from reaching your plants!!.**
2. Clean any finger marks away from the lamp using a soft dry cloth.
3. Using the integral suspension clips, hang fixtures into position. Solacure recommend 2 fixtures for every 600-1000w light source, or equivalent. Position either side of, and at the same height as, the primary light source, taking care to avoid shading. Aim to achieve uniform coverage at approximately 30 - 60cm above the plant canopy.
4. Link multiple fixtures together using Link Cables and connect primary fixture to the mains wall socket using a Power Cord and Interval Timer. A maximum of 8 fixtures can be linked from a single power source. (Link Cables and Power Cords available separately. Interval Timer not supplied).
5. Your fixtures are now ready for use.

## HOW TO USE

The exact UVB exposure time will depend on the strain of plant you are growing, the power output to the fixture, and the distance between the lamps and canopy. Some experimentation will be required for you to find the perfect amount of UVB for best results. Solacure recommend starting with 2 hours a day, split into 1hr intervals, to give the plants a chance to recover from each exposure and to start to harden to the increased UVB.

Increase exposure by 15min every two days. Check your plants regularly for any signs of burning on the leaf tips. Tiny amounts of damage on sugar leaves is ok, but the damage should not be too pronounced. When you see a little burn on the sugar leaves, reduce exposure by 30mins per day. You've found your perfect exposure time!

In close quarter setups, such as grow tents, this could be anywhere from 2 – 6hrs per day, or 12hrs in a greenhouse environment. For the stimulation of unique plant compounds, lamps are used throughout the entire flowering period from the first day you switch lights to 12/12. For suppression of moulds, mildew and pests, some growers will start to use lamps after plants are one month old.

## LAMP LIFE SPAN

For the stimulation of the UVR8 protein, it is essential lamps are replaced after 3 flowering seasons of 2 month each. This is irrespective of whether the lamps are run continuously or cycled during this time frame. For suppression of moulds, mildew and pests, lamps can be operated until they fail to burn, approximately 3000-4000 hours.

**TIP:** Use old, spent lamps in vegetative rooms for two hours a day for sanitation, mildew and insect control, and to have the plants hardened to high UVB ready for going to flower.

## USING THE DUAL POWER MODE

The Solacure Fixture for Flower Power UVR8 Lamps operates at 32w and is perfect for most applications. It is possible to double the power to the lamp for maximum UVB output and performance. This is advisable for greenhouse environments or when fixtures need to be positioned higher from the canopy than recommended. Keep in mind that doubling the power will half the lifespan of the lamp. This is a modification that should only be attempted by a qualified electrician. For more information please contact [info@solacure.eu](mailto:info@solacure.eu)

## SAFETY ADVICE

### ▲ DANGER ULTRAVIOLET RADIATION

You are at risk if you work near energised lamps. **THIS INCLUDES YOUR EYES.** You should wear sunscreen and eye protection rated for 100% blockage of UVA and UVB and avoid exposure by switching lamps off prior to entering the room, when possible. There is serious risk of skin cancer and eye damage if you do not follow safety protocols.

- Read all instructions carefully and keep in a safe place for future reference.
- If in doubt about the installation of this item, please seek the advice of a professional electrician.
- Keep this product and its components away from water and never handle with wet or damp hands.
- Never use this product outdoors.
- Keep product away from children.
- Never use this product if there is any sign of damage to the unit or its components.
- Keep power cord away from hot surfaces.
- Prevent the power cord from causing a trip hazard.
- Always switch power off at the mains supply before inserting lamp into fixture.
- Allow lamp to cool for at least 15 minutes before handling.
- Do not try to open the fixture. There are no user serviceable parts inside and opening the fixture will void the warranty.

## SPECIFICATION

Universal Input Voltage: ..... 120-277 VAC

Input Power: ..... 32-64w

Low Harmonic Distortion: ..... THD<10%

High Power Factor: ..... >0.99

Active Power Factor Correction

High Luminous Efficacy

Virtually Eliminates Lamp Flicker

Instant Start/Rapid Start

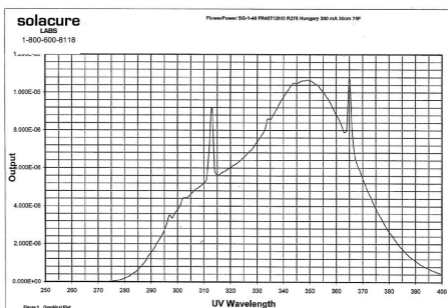
Ambient Temperature (Ta): -15C – 50C°

Protective Function: Metal shell designed for explosion, humidity, dust and shock protection

Over Input-Current Protection Circuit

Over Input Voltage Protection Circuit

End of lamp Life protection Circuit



## WARRANTY

The manufacturer of this product provides the original purchaser with a 1 year limited warranty from the original date of purchase covering the working components of the fixture. The manufacturer at his sole discretion will replace or repair the faulty components at an authorised repair centre.

The warranty will only be considered as valid providing the following criteria are met:

The product must be returned to the original retailer by the original purchaser alongside the original proof of purchase.

The unit has not been opened, modified or tampered with in any way.

The product has not been damaged by inappropriate maintenance or misuse.

The manufacturer shall not be held responsible for any damage caused by the operation of the unit, be it incidental or consequential or any type including, without limitation, damage or injury caused to other products or machinery or buildings. Nor will responsibility be accepted for loss of time or profit, loss of finished product, or for any inconvenience caused in any way whatsoever.

To obtain warranty services please return the product to the place of purchase according to the retailer's policy on returns issues.

UVB

UVR8

**solacure**

[www.solacure.eu](http://www.solacure.eu)

---

## CONTACT INFORMATION

T: +44 (0) 1392 848399

W: [www.fdpwholesale.co.uk](http://www.fdpwholesale.co.uk)

E: [info@fdpwholesale.co.uk](mailto:info@fdpwholesale.co.uk)

Distributed in the UK & Europe by

**FDP** **WHOLESALE**