

SOLAR[®] L I G H T

USER MANUAL

LIGHT TESTING SHELF



Light Testing Shelf Front View



Light Testing Shelf Side Views

LIGHT TESTING SHELF USER MANUAL

INTRODUCTION

Exposure testing at controlled temperatures is achievable with precision of the light dose, UV dose and the temperature set point with a Stability Chamber and the Solar Light Company's Light Testing Shelf.

OVERVIEW

This system may have one or two shelf systems in the chamber. The light in each shelf can be controlled, the dose can be measured and the system can automate the end of the exposure when the required dose is reached. The Visible light shelf uses eight 24W High Output T5 fluorescent lamps. The UV Light chamber uses 8 UV fluorescent lamps.

CONNECTIONS

Insert the fluorescent lamps in the respective shelves:

- 1 133360 Lamps in the UV Shelf
- 2 133361 Lamps in the Visible Shelf

Verify the secure connection of each lamp end. Check that the fans are connected to the power socket on the side of the lamp housing.

SLT100 Series Shelves.

These shelves are supplied with an **ON/OFF** control only. Further control may be supplied by the user.

SUSTAINING PRODUCT LIFE

Keep the interior of the chamber and the lamps clean.

Unplug the AC and remove all detector and communications cables if the units need to be withdrawn from the chamber.

The PMA2100 has onboard batteries for remote operations. However, we recommend keeping it connected to the power charging system.

REPLACEMENT PARTS

Lamps 133360 in the UV chamber

Lamps 133361 in the visible chamber

SPECIFICATIONS

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Number Of Shelves	1
Shelf Area (Each)	5.4ft ² (0.5M ²)
Electrical Services	110VAC, 1Ph, 50/60hz, 6A
Dimensions	30" x 26" x 20" (76.2 cm x 66.0 cm x 50.8 cm)
Shipping Weight	60 lbs (28 kg)
Max Operating Temperature	60°C