

Convert your Stability Chambers into fully specified and validated Photostability Chambers in minutes, using Solar Light's innovative [LTS-Series Photostability Shelves](#). These units are built to ensure long life and reliable performance, utilizing corrosion-resistant brushed aluminum construction painted with a highly reflective internal coating for high uniformity across a greater shelf area. Fully compatible with ICH Q1B options 1 & 2, the LTS Shelves slide into your existing chamber where it is conditioned, and then operate as self contained photostability units. You can convert all or just a part of your chamber by varying the number of shelves you install, increasing throughput and efficiency of your lab.



### Applications

- ICH Q1B Photostability Testing
- Shelf Life Testing
- Materials Testing

### Features and Benefits

- Uses Existing Chambers for Photostability Testing
- Easy Install and Uninstall
- Full IQ/OQ and Light Mapping Available.

### Validation

- Full Validation and Shelf Mapping Packages Available

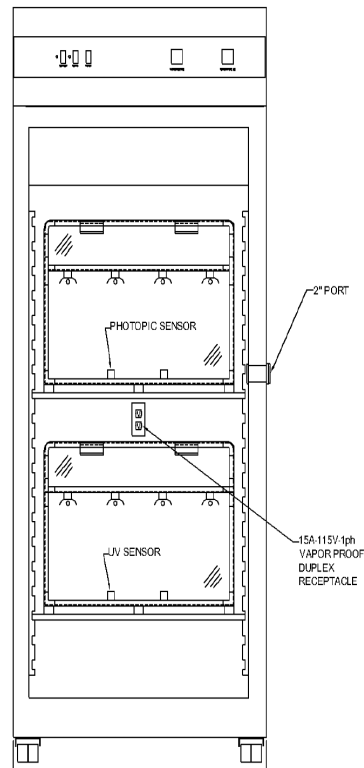


SPECIFICATIONS	
Control Resolution	0.1°C
Uniformity at 37°C	± 1°C
Cool White Intensity	15,000 [lux]
UVA Intensity	3.5 [W/m <sup>2</sup> ]
Temperature Range	10-60°C
Recovery Time	1.25 Minutes
Number of Shelves Supplied	1
Max Number of Shelves	2
Illuminated Area	6 ft <sup>2</sup> (0.5 m <sup>2</sup> )
Electrical Services	110V
Light Source	Fluorescent
Optional Spectra Outputs	Spectra of UV and Visible Available
Weight	160 lbs (72 kg)
Dimensions	28.0 x 10.5 x 20.2" (71.1 x 26.7 x 51.5 cm)
Line Voltage	120VAC 1 Ph 50/60 Hz

Part Number: 210075

Revision Level: A

Specifications subject to change without notice.



Shelf Configurations	
<b>LTS100 SERIES</b>	
<b>LTS100-UV</b>	Light shelf with UV lamps, on/off switch. Temperature range 10-60°C
<b>LTS100-VIS</b>	Light shelf with VIS lamps, on/off switch. Temperature range 10-60°C
<b>LTS100-D65</b>	Light shelf with D65 lamps, on/off switch. Temperature range 10-60°C
<b>LTS200 SERIES</b>	
<b>LTS200-UV</b>	Light shelf with UV lamps, DCS-2 dose controller with UV sensor. Temperature range 10-60°C
<b>LTS200-VIS</b>	Light shelf with VIS lamps, DCS-2 dose controller with VIS sensor. Temperature range 10-60°C
<b>LTS200-D65</b>	Light shelf with D65 lamps, DCS-2 dose controller with UVA and VIS sensors. Temperature range 10-60°C
<b>LTS300 SERIES</b>	
<b>LTS300-UV</b>	Light shelf with UV lamps, Watlow controller for constant steady state exposure. Temperature range 10-60°C
<b>LTS300-VIS</b>	Light shelf with VIS lamps, Watlow controller for constant steady state exposure. Temperature range 10-60°C
<b>LTS300-D65</b>	Light shelf with D65 lamps, Watlow controller for constant steady state exposure. Temperature range 10-60°C
<b>LTS400 SERIES</b>	
<b>LTS400-UV</b>	Light shelf with UV lamps, Watlow controller for constant steady state exposure, DCS-2 dose controller with UV sensor. Temperature range 10-60°C
<b>LTS400-VIS</b>	Light shelf with VIS lamps, Watlow controller for constant steady state exposure, DCS-2 dose controller with VIS sensor. Temperature range 10-60°C
<b>LTS400-D65</b>	Light shelf with D65 lamps, Watlow controller for constant steady state exposure, DCS-2 dose controller with UV and VIS sensors. Temperature range 10-60°C

Since 1967, Solar Light Company, Inc. has been recognized worldwide as America's premier manufacturer of Precision Solar Simulators and Light Sources, Light Measurement Instrumentation, UV Transmittance Analyzers, Meteorological Instrumentation, and Digital and Analog Sensors. Our advanced line of UV, visible, and IR radiometers and light meters measure laboratory, industrial, environmental, and health related light levels with NIST traceable accuracy. Column ozone, aerosol, and water vapor thickness measurements, in addition to long-term global ultraviolet radiation studies all over the world are performed using our atmospheric line of instrumentation. Solar Light also provides NIST traceable spectroradiometric analyses, calibrations for light meters and light sources, accelerated ultraviolet radiation degradation testing of materials, and OEM instrumentation and monitors. Please visit our website for more details, specifications, and pictures!



**State Of The Art Solar Simulators** available in 150-1000+ watt UV or AM variations for a variety of applications including PV Cell Testing, Materials Testing, Pre-Irradiation for In Vitro Broad Spectrum Sunscreen Testing, SPF Testing, and much more.



**Multi-Functional Professional Grade Radiometers** available with and without data logging, and compatible with over 130 Solar Light PMA-Series Sensors to measure UV, Visible and IR wavelengths. Specialty Meters also available to measure UV Radiation, SUV/UVA, Scotopic/Photopic Spectra, and much more.



**Advanced NIST-Traceable Sensors** for accurate measurement of UVA, UVB, UVA+B, UVC, Visible, IR, Photostability, Temperature, and Custom Wavelength – well over 130 models in both digital and analog configurations, all compatible with our Radiometers.



**Ultraviolet Transmittance Analyzers** available as complete integrated turnkey systems to meet the latest ISO24443 requirements.



**Handheld Ozonometers and Sunphotometers** for fast and dependable Column Ozone, Aerosol, and Water Vapor Thickness measurements, in addition to long-term global ultraviolet radiation studies.