

# Dual OWL 850

SKU: DO2-850xx

Multimode Light Source

## Features

- Stable temperature compensated LED sources
- Output wavelength: 850nm
- Available with either ST or SC fiber connectors (replace 'xx' at end of part number with ST or SC to specify connector type)
- Extended battery life - up to 30 hours on one 9v battery
- Combination selected source / Low battery indicator LEDs
- Simple two-button operation
- NIST traceable
- Very economically priced

## Key Specifications

<b>Output Power</b>	-20 dBm into multimode
<b>Initial Accuracy</b>	+/- .10dB @ 25 C
<b>NIST traceable calibrated wavelength</b>	850nm
<b>Center Wavelength</b>	850nm +30 /-10 nm
<b>Spectral Width</b>	50nm @ 850nm
<b>Typical 1 hour drift (dB)</b>	.05@850nm
<b>Dimensions</b>	4.94 x 2.75 x 1.28 in
Conforms to the Harmonized European Standards EN 61326-1 and EN 61010-1.	



## Applications

The Dual OWL 850 is a cost effective, compact, handheld light source. The temperature compensated outputs are calibrated to couple -20dBm of optical power into multimode fiber. The light source comes installed with an 850nm LED source. The source has an intuitive two-button interface - one button for turning the unit ON or OFF and the other for wavelength selection. LED indicators highlight the selected source and verify that battery power is sufficient to maintain the calibrated output power.

Dual OWL series fiber optic light sources offer exceptional value at an economical price. These LED-based sources provide the fiber optic installer with a stable output when testing multimode fiber optic runs. The Dual OWL 850 offers the fiber optic professional with a simple, yet affordable, option for testing multimode fiber links at 850nm, and can be easily upgraded to include a 1300nm source.

High intensity LEDs such as the ones in Dual OWL light sources produce intense beams of infrared energy that are invisible to the eye.

**NEVER LOOK INTO A LIGHT SOURCE OR THE END OF A FIBER THAT MAY BE ENERGIZED BY A SOURCE!**

Exposure to such energy can cause serious retina damage, and prolonged exposure can cause blindness.



ASSEMBLED IN USA

**N.I.S.T. Traceable**

Product manuals come in PDF format on CD. Adobe Acrobat Reader™ is required to view these documents.

Carrying cases and patch cables are available for an additional charge. Call 262-473-0643 for more information.

