

CERTIFICATE of CALIBRATION for LI-COR SENSOR

Quantum Sensor
Model Number: LI-190

Serial Number: **Q124332**

Calibration Date: **January 14, 2025**
Manufacture Date: **January 13, 2025**

Calibration Constant(s):

Output: 6.84 microamps per 1000 $\text{umol s}^{-1} \text{m}^{-2}$

For use with LI-COR handheld meters and loggers:

Multiplier: $-146.24 \text{ umol s}^{-1} \text{m}^{-2}$ per microamp

If this is an LI-190-BL (3-wire bare leads):

Multiplier: $146.24 \text{ umol s}^{-1} \text{m}^{-2}$ per microamp

For use with LI-COR 2290 (604 ohm) millivolt Adapter:

Multiplier: $-242.11 \text{ umol s}^{-1} \text{m}^{-2}$ per millivolt

If this is an SL or SMV sensor:

Multiplier: $-200 \text{ umol s}^{-1} \text{m}^{-2}$ per millivolt

IMPORTANT: Read the appropriate instruction manual (<https://www.licor.com/support/LI-190R-and-LI-191R/manuals.html>) before using this sensor

IMPORTANT: It is recommended that sensors be recalibrated every two years after field deployment.

Calibration Technician: Linh Nguyen

Calibration standard used: Working standard lamp 1677C

Calibration traceable to the National Institute of Standards and Technologies (NIST) through NIST-calibration lamp number F-226.
(NBS Test No. 534/237689-86)

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