

CERTIFICATE of CALIBRATION

for LI-COR SENSOR

Quantum Sensor
Model Number: LI-190/R

Received 2015-06-11

Serial Number: Q100420

Calibration Date: May 08, 2015
Manufacture Date: May 01, 2015

Calibration Constant:

Output: 7.06 microamps per 1000 $\mu\text{mol s}^{-1} \text{m}^{-2}$

For use with LI-COR handheld meters and loggers:

Multiplier: -141.66 $\mu\text{mol s}^{-1} \text{m}^{-2}$ per microamp

For use with LI-190R-BL (3-wire bare leads):

Multiplier: 141.66 $\mu\text{mol s}^{-1} \text{m}^{-2}$ per microamp

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

Multiplier: -234.54 $\mu\text{mol s}^{-1} \text{m}^{-2}$ per millivolt

If this is an SL or SMV sensor:

Multiplier: -200.0 $\mu\text{mol s}^{-1} \text{m}^{-2}$ per millivolt

IMPORTANT: Read the appropriate instruction manual (www.licor.com/Quantum-manual) before using this sensor.

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

Calibration Technician: *Amor O'Driscoll*

Calibration standard used: Working standard lamp 811D.
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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