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PAR-SER Calibration Sheet

Date: October 8, 2021
Serial #: 2185
Model #: ASY-PAR-00033; In Water to 1000m

Calibration Coefficients

$$\begin{aligned}a_0 &= 327388.4 && [count] \\a_1 &= 0.0002783062413462 && [\mu\text{mol photons}/\text{m}^2/\text{s}/\text{count}] \\Im &= 1.3589\end{aligned}$$

$$\text{PAR} = Im \cdot a_1(\text{counts} - a_0) \quad [\mu\text{mol photons}/\text{m}^2/\text{s}]$$
