



In Water Digital Linear PAR Sensor Calibration

Date: 7/21/17

Customer: University of Washington

Project Number: 033303

Model: PAR—SER ICSW PAR LIN 600m

Serial Number: 0557

Calibration Coefficients

$I_m = 1.3589$

$a_0 = 2157201965$ [count]

$a_1 = 3.011183e-06$ [$\mu\text{mol photons/m}^2/\text{s/count}$]

Equation: $y = I_m * a_1 (x - a_0)$

where,

PAR is y [$\mu\text{mol photons/m}^2/\text{s}$]

Digital signal is x [count]

Table 1 - Connector Pin Descriptions

Pin	Signal	Description
1	GND	Power Supply Return
2	RX	RS232
3	TX	RS232
4	Power	Power
5	NC	Not Connected
6	NC	Not Connected



MCBH-6F
Female Face View

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