



## In Water Digital Linear PAR Sensor Calibration

Date: 7/20/17

Customer: University of Washington

Project Number: 033303

Model: PAR-SER ICSW      PAR LIN 600m

Serial Number: 556

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### Calibration Coefficients

$I_m = 1.3589$

$a_0 = 2156776455$  [count]

$a_1 = 2.948314e-06$  [ $\mu\text{mol photons/m}^2\text{/s/count}$ ]

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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]

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**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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