



## In Water Digital Linear PAR Sensor Calibration

Date: January 11, 2016  
Customer: University of Washington  
Project Number: 2015-3273  
Model: PAR LIN 600m  
Serial Number: 464

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### Calibration Coefficients

$I_m = 1.3589$   
 $a_0 = 2157371163$  [count]  
 $a_1 = 2.496245e-006$  [ $\mu\text{mol photons/m}^2/\text{s/count}$ ]

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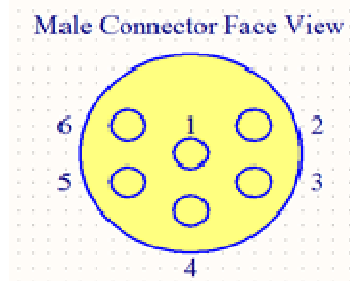
Equation:  $y = I_m * a_1 (x - a_0)$

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	Power	Power
2	GND	Power Supply Return
3	NC	Not Connected
4	NC	Not Connected
5	TX	RS232
6	RX	RS232



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