In Water Digital Linear PAR Sensor Calibration

Date: December 18, 2013
Customer: Oregon State University
Project Number: 2013-7020
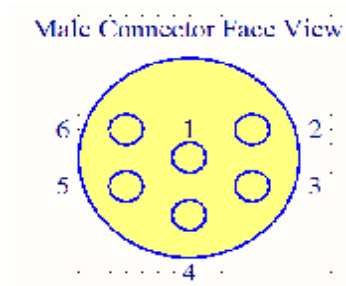Model: PAR LIN 600m
Serial Number: 434

Calibration Coefficients

Im = 1.3589
a_0 = 2156561751.4 [count]
a_1 = 2. 5063877597725e-006 [μmol photons/m^2/s/count]

Equation: $y = \mathrm{Im}^* a_1(x - a_0)$

where,
PAR is y [μmol photons/m^2/s]
Digital signal is x [count]

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

Male Connector Face View