Document Title:		Part #	
Spectral Reflectance Sensor (SRS) Installation Instructions		**18293**	
		Release Date:	
		9.20.2019	
Rev	Description	Revision By	Date
00	Created file	LAJ	2.15.2019
01	Update contact information	LAJ	9.20.2019
02	Added trademark symbol to logo	CSC	2.14.2020

Production Filename:

http://publications.metergroup.com/Quick%20Start%20Guides/18293_SRS_Print.pdf

Working File path: /Volumes/GoogleDrive/Shared drives/Product Number Library/18200-18299/18293/

Dimensions: print size 8.5" wide x 11" tall, cut in half, final size is 8.5" wide x 5.5" tall

Colors: CMYK/Full color 4/4

Printer: In-house printing

Material: Card stock, Bright White, 216 g/m^2 (folding cardstock)

Finishing: NA

Image below is for reference only. Not to scale.

SPECTRAL REFLECTANCE SENSOR (SRS) INSTALLATION INSTRUCTIONS

18293-02
2.14.2020

METER

Preparation

Inspect and verify components are intact. Installation will require a 31.8- to 50.8-mm (1.25- to 2.00-in) diameter mounting pole and a mounting bracket. Before beginning installation, consider the surroundings and avoid obstructions.

Set up and test the system (sensors and data loggers) in a lab or office. Ensure the data loggers are using up-to-date firmware and software. Check the following locations for firmware and software updates:

ZL6   metergroup.com/zl6-support
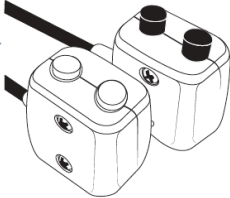Other   metergroup.com/environment/articles/buy-browse-meter-legacy-data-loggers

Read the SRS specifications and manual at metergroup.com/srs.

Measurement Range	Resolution
0–2 W × m^{-2} × nm^{-1} (hemispherical)	0.0001 W × m^{-2} × nm^{-1} (hemispherical)
0–2 W × m^{-2} × nm^{-1} × sr^{-1} (field stop, 18° half angle)	0.0001 W × m^{-2} × nm^{-1} × sr^{-1} (field stop, 18° half angle)

All products have a 30-day satisfaction guarantee.

Installation

The sensor should be mounted to get the desired field of view (FOV). For help calculating the FOV for the field stop sensor, use the simple calculator from Apogee found at apogeeinstruments.com/irr-calculators. Plug the sensor cable into the data logger. Use data logger software to apply appropriate settings to the sensors plugged into each data logger port. Gather and secure the cables to the mounting pole in one or more places to relieve strain on the connections.

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