



## SOLIS® Sensor Flushometer

### SOLIS 8111

#### Product description

SOLIS® Exposed Sensor Water Closet Flushometer.

#### Compliances & Certifications



(ADA Compliant, BAA Compliant, BABAA Compliant, BREEAM Materials Credit, BREEAM Water Credit, cUPC Certified, EPD, Green Globes Credit, Green Globes Water, HPD, IAPMO, LEED Credit, LEED HPD, LEED Water, Satisfies LEED Credits, EPA WaterSense Listed, WELL Building Standard)

Listed compliances and certifications may vary based on product variation.

#### Finish



Available in Polished Chrome (CP), Graphite (GR), Brushed Stainless (SF), Brushed Nickel (BN), Polished Brass (PB).

#### Downloads

- [Solis 8100 Series Installation Instructions](#)
- [Solis 8100 Series \(Spanish\) Installation Instructions](#)
- [Control Stop Repair and Maintenance Guide](#)
- [Flush Connections Flanges Repair and Maintenance Guide](#)
- [Flushometer Pressure Gauges](#)
- [Special Finishes Brochure](#)
- [Additional Downloads](#)

#### Videos

- [PVD Special Finishes](#)

Features

- Handle Packing, Main Seat, Stop Seat and Vacuum Breaker Molded from PERMEX® Rubber Compound for Chloramine resistance
- User friendly three (3) second Flush Delay
- “Low Battery” Flashing LED
- Sweat solder adapter with cover tube and cast wall flange with set screw
- State-of-the-art photovoltaic technology delivers solar operation
- Solar Powered- The sensor assembly is powered by a solar cell that will harvest power from the artificial indoor light (incandescent, fluorescent or LED), and use it as the energy source. The solar cell can provide approximately 100% power with 650 illuminance (lux).
- Four (4) Size AA Battery Back-up Power Source
- Operates by means of an infrared sensor with multiple-focused, lobular sensing fields for high and low target detection
- Fixed Metering Bypass and No External Volume Adjustment to Ensure Water Conservation
- Flex Tube Diaphragm designed for improved life and reduced maintenance
- Engineered Metal Cover with replaceable Lens Window
- PERMEX® Synthetic Rubber Diaphragm with Dual Filtered Fixed Bypass
- Courtesy Flush® Override Button
- Override button enables manual flushing if sensor’s power source fails
- High copper, low zinc brass castings for dezincification resistance
- Valve body, Cover, Tailpiece and Control Stop shall be in compliance with ASTM Alloy Classification for Semi-Red Brass
- Valve shall be in compliance to the applicable sections of ASSE 1037

Battery Specifications

Usage	4- AA Battery Service* Life			
	24 yrs	18 yrs	9 yrs	7.2 yrs
per month	500	1,000	3,000	4,000
per day	25	50	150	200

\* Service life varies according to actual usage & restroom conditions  
Battery shelf life: Alkaline= ~10 years - Lithium= ~25 years

Warranty

[View Warranty Information](#)

Notes

All information contained within this document subject to change without notice.

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