



## SOLIS® Sensor Flushometer

### SOLIS 8186 RW

#### Product description

SOLIS® Exposed Sensor Urinal Reclaimed Water Flushometer.

#### Compliances & Certifications



(ADA Compliant\*, BAA Compliant, BREEAM Materials Credit, BREEAM Water Credit, EPD, Green Globes Credit, Green Globes Water, HPD, IAPMO, LEED Credit, LEED Water, Satisfies LEED Credits, EPA WaterSense Listed)

Listed compliances and certifications may vary based on product variation.

#### Finish



Available in Polished Chrome (CP).

#### Downloads

- [Exposed Solis Repair and Maintenance Guide](#)
- [Additional Downloads](#)

#### Videos

- [PVD Special Finishes](#)

Features

- Includes the required wall plate and a purple wall flange to let users know reclaimed water is in use
- All organic rubber has been replaced with synthetic compounds
- Interior components are purple to let maintenance personnel know the flushometer is designed for reclaimed water
- Handle Packing, Main Seat, Stop Seat and Vacuum Breaker Molded from PERMEX Rubber Compound for Chloramine resistance
- User-friendly, three-second flush delay
- Low Battery Flashing LED
- Sweat solder adapter with cover tube and cast wall flange with set screw
- 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
- Synthetic rubber seals for chloramine resistance
- 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
- Fixed Metering Bypass and No External Volume Adjustment to Ensure Water Conservation
- Engineered Metal Cover with replaceable Lens Window
- ADA Compliant Sloan Solis Solar Powered Infrared Sensor for automatic No Hands operation
- 3/4 IPS screwdriver Bak-Chek angle stop with vandal resistant stop cap
- User-friendly, three-second flush delay
- 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 and restroom conditions  
Battery shelf life: Alkaline= ~10 years - Lithium= ~25 years

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Warranty

[View Warranty Information](#)

Notes

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

\*Compliant with ADA accessibility requirements when installed according to ADA standards.