



## SOLIS® Sensor Flushometer

SOLIS 8180-1.0-CP

### Product description

1.0 gpf, Polished Chrome Finish, Fixture Connection Top Spud, Single Flush, Solar, SOLIS® Exposed Sensor Urinal Flushometer.

### Compliances & Certifications



(ADA Compliant\*, BAA Compliant, IAPMO, cUPC Certified)

### Code 3370015

#### Finish

 Polished Chrome (CP)

#### Downloads

-  Solis 8100 Series (Spanish) Installation Instructions.pdf
-  Control Stop Repair and Maintenance Guide.pdf
-  Flush Connections Flanges Repair and Maintenance Guide.pdf
-  Additional Downloads

#### Videos

-  Sloan – Company Overview

Details

- Flush Volume: 1.0 gpf (3.8 lpf)
- Finish: Polished Chrome (CP)
- Power Type: Solar
- Valve: Diaphragm
- Valve Body Material: Semi-red Brass
- Fixture Type: Urinal
- Fixture Connection: Top Spud
- Rough-in Dimension: 11.5" (292mm)
- Spud Coupling: 1.25" (32mm)
- Supply Pipe: 1" (25mm)

Features

- 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
- 1" 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

Recommended specifications

Valve Body, Cover, Tailpiece and Control Stop shall be in conformance with ASTM Alloy Classification for Semi-Red Brass. Valve shall be in compliance with the applicable sections of ASSE 1037 and ANSI/ASME 112.19.2.

Valve Operating Pressure (Flowing)

15-80 psi (103 - 552 kPa). Specific fixtures may require greater minimum flowing pressure - consult manufacturer requirements.

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

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.

Looking for other variations of the SOLIS 8180 product? [View the general spec sheet with all options.](#)  
[Find a compatible urinal](#) for this flushometer.  
[Find a compatible water closet](#) for this flushometer.



