



## SOLIS® Sensor Flushometer

SOLIS 8186-0.125-CP-LL

### Product description

0.125 gpf, Polished Chrome Finish, Fixture Connection Top Spud, Single Flush, Electrical Override, Solar, Less Logo, SOLIS® Exposed Sensor Urinal Flushometer.

### Compliances & Certifications



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

Code 33700028

### Finish

Polished Chrome (CP)

### Downloads

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

### Videos

- [PVD Special Finishes](#)

## Details

- Flush Volume: 0.125 gpf (0.5 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: 0.75" (19mm)
- Supply Pipe: 0.75" (19mm)
- Override: Electrical
- Special Features 1: Less Logo (LL)

## Features

ADA Compliant Sloan Solis® Solar Powered Infrared Sensor for automatic "No Hands" operation

- 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
- High Copper, low zinc brass castings for dezincification resistance
- 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
- Fixed metering bypass and no external volume adjustment to ensure water conservation
- Infrared Sensor with Multiple-focused, Lobular Sensing Fields for high and low target detection
- Valve shall be in compliance to the applicable sections of ASSE 1037
- 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.

WaterSense compliant when used with a 0.125 gpf (0.5 lpf) WaterSense fixture.

Looking for other variations of the SOLIS 8186 product? [View the general spec sheet with all options.](#)

[Find a compatible urinal](#) for this flushometer.

[Find a compatible water closet](#) for this flushometer.

