

SOLIS® Sensor Flushometer

SOLIS 8111-1.1-CP-TP-LL

Product description

1.1 gpf, Polished Chrome Finish, Fixture Connection Top Spud, Single Flush, Trap Primer Outlet Tube, Electrical Override, Solar, Less Logo, SOLIS® Exposed Sensor Water Closet Flushometer.

Code 33700043

Finish

Polished Chrome (CP)

Downloads

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

Videos

- PVD Special Finishes

⚠ WARNING: Cancer and Reproductive Harm – www.P65Warnings.ca.gov

Sloan 10500 Seymour Ave, Franklin Park 800.982.5839 sloan.com

Details

- Flush Volume: 1.1 gpf (4.2 lpf)
- Finish: Polished Chrome (CP)
- Power Type: Solar
- Valve: Diaphragm
- Valve Body Material: Semi-red Brass
- Fixture Type: Water Closet
- Fixture Connection: Top Spud
- Rough-in Dimension: 11.5” (292mm)
- Spud Coupling: 1.5” (38mm)
- Supply Pipe: 1” (25mm)
- Override: Electrical
- Outlet Tube: Trap Primer (TP)
- Special Features 1: Less Logo (LL)

Features

State-of-the-art photovoltaic technology delivers solar operation

- User friendly three (3) second Flush Delay
- “Low Battery” Flashing LED
- 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).
- Operates by means of an infrared sensor with multiple-focused, lobular sensing fields for high and low target detection
- Four (4) Size AA Battery Back-up Power Source
- Fixed Metering Bypass and No External Volume Adjustment to Ensure Water Conservation
- High copper, low zinc brass castings for dezincification resistance
- Sweat solder adapter with cover tube and cast wall flange with set screw
- PERMEX® Synthetic Rubber Diaphragm with Dual Filtered Fixed Bypass
- Valve shall be in compliance to the applicable sections of ASSE 1037
- Valve body, 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

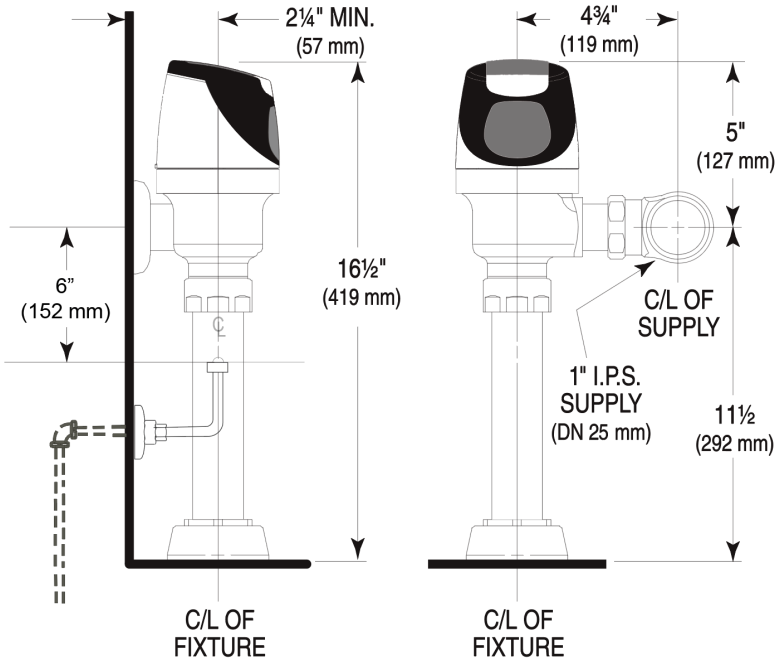
Warranty

View Warranty Information

Notes

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

Looking for other variations of the SOLIS 8111 product? View the general spec sheet with all options.
Find a compatible urinal for this flushometer.
Find a compatible water closet for this flushometer.


2¼" MIN.
(57 mm)
16½"
(419 mm)
6"
(152 mm)
C/L OF
FIXTURE
4¾"
(119 mm)
5"
(127 mm)
C/L OF
SUPPLY
1" I.P.S.
SUPPLY
(DN 25 mm)
11½
(292 mm)
C/L OF
FIXTURE