SOLIS® Solar-Powered Flushometer
SOLIS 8195-0.5 SWB

▶ Code Number
3370066

▶ Flush Cycle
0.5 gpf/1.9 Lpf

▶ Specifications
Quiet, Concealed, Diaphragm Type, Rough Brass Urinal Flushometer for either left or right hand supply with the following features:

- Chrome Plated Exposed Flushometer Parts
- Initial Set-up Range Indicator Light (first 10 minutes)
- "Low Battery" Flashing LED
- Four (4) Size AA Battery Back-up Power Source
- Wall Plate with Stainless Steel Access Panel and Vandal Resistant Screws
- ADA Compliant SOLIS® Solar-Powered Infrared Sensor for automatic "No Hands" operation
- Infrared Sensor with Multiple-focused, Lobular Sensing Fields for high and low target detection
- Latching Solenoid Operator
- Infrared Sensor Range Adjustment Screw
- High Back Pressure Vacuum Breaker Flush Connection with One piece Bottom Hex Coupling Nut
- Fixed Metering Bypass and No External Volume Adjustment to Ensure Water Conservation
- Solar-Powered. The sensor assembly is supplementally powered by a solar cell that will harvest power from artificial indoor light, either incandescent or fluorescent light, and use it as the energy source. The solar cell can provide approximately 100% power w/650 Illuminance (lux).
- User friendly (1-2) second Auto Flush Delay
- 3/4" I.P.S. Wheel Handle Bak-Chek® Angle Stop
- Spud Coupling and Flange for 3/4" concealed Rear Spud

Valve Body, 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. Installation conforms to ADA requirements.

- Courtesy Flush™ Non-Hold-Open True Mechanical Override
- Flush accuracy controlled by CID® technology
- Diaphragm, Stop Seat and Vacuum Breaker to be molded from PERMEX® rubber compound for Chloramine resistance

▶ L Dimension
Specify the "L" Dimension for the proper length of the flush connection. The "L" Dimension is equal to the Wall Thickness (to nearest whole inch) plus 4-3/4".

Solis 8195-0.5 SWB Shown

▶ Smart Sense Technology™
The SOLIS® flushometer is equipped with Smart Sense Technology™ which applies extended range and logic techniques to significantly reduce water usage in high use urinal applications such as when a continuous line of people, also known as a queue forms. In fact during continuous queue, regardless the number of users, the maximum amount of water used is only 5 activations.

▶ Automatic Operation
SOLIS® solar-powered flushometers can be activated via multi-lobular infrared sensor. Sloan's SOLIS® solar-powered flushometer is a breakthrough in design and function that transforms light into power. The SOLIS® Series of flushometers provide the ultimate in conservation and performance.

▶ Manual Operation
Sloan's SOLIS® solar-powered flushometers incorporate an intuitive button design for easy manual activation.

▶ Functional & Hygienic
Touchless, sensor operation eliminates the need for user contact to help control the spread of infectious diseases. The SOLIS® solar-powered flushometers is provided with an override button to allow a Courtesy Flush® for individual user comfort.

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Buy American Act Compliant

HIGH-EFFICIENCY URINAL

UPC

This space for Architect/Engineer Approval

▶ ELECTRICAL SPECIFICATIONS
Control Circuit

SLOAN 10500 SEYMOUR AVE. ● FRANKLIN PARK, ● IL. 60131
Ph: 1-800-9-VALVE-9 or 1-847-671-4300 ● Fax: 1-800-447-8329 or 1-847-671-4380 ● http://www.sloan.com

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Solid State

6 VDC Input

8 Second Arming Delay

1-2 Second Flush Delay

Sensor Type
Active Infrared

Sensor Range
Nominal 15"-30" (381 mm-762 mm), adjustable ± 8" (203 mm)

Battery Back Up Type
(4) AA Alkaline

Battery Life
6 Years @ 4,000 flushes/month

Indicator Lights
Range Adjustment

Operating Pressure
15 - 100 psi (104 - 689 kPa)

Sentinel Flush
Automatic flush once every 72 hours after the last flush. Product shipped from factory with feature turned off. Consult factory to activate.

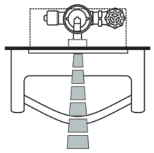
Wall Plate Specifications
Wall Plate: 13-1/2" x 13-1/2" (342 mm x 342 mm)

Screws: (4) #8-32 x 3/4" Drilled Spanner Head — Spanner Bit Provided8152

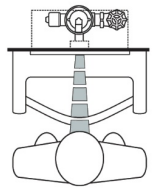
Frame: 12" x 12" x 4" (305 mm x 305 mm x 102 mm), #16 Gauge

► OPERATION

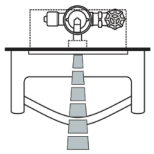
1. A continuous, invisible light beam is emitted from the SOLIS® Sensor.



2. As the user enters the beam's effective range, 15" - 30", the beam is reflected into the Scanner Window to activate the Output Circuit. Once activated, the Output Circuit continues in a "hold" mode for as long as the user remains within the effective range of the sensor.



3.When the user steps away from the Sensor, the circuit immediately initiates an electrical "one-time" signal that operates the solenoid. This initiates the flushing cycle to flush the fixture. The circuit then automatically resets and is ready for the next user.



► Accessories (Sold Separately)
See Accessories Section and SOLIS® flushometer Accessories Section of the Sloan catalog for details on these and other SOLIS® flushometer variations.

► Fixtures
Consult factory for matching Sloan brand fixture options.