

► **Code Number**
3370007

► **Description**
Exposed, Solar Powered, Sensor Activated Sloan SOLIS® Model Urinal Flushometer, with Smart Sense Technology™.

► **Flush Cycle**
1.5 gpf / 5.7 Lpf

► **Specifications**
Quiet, Exposed, Diaphragm Type, Chrome Plated Urinal Flushometer for either left or right hand supply with the following features:

- Handle Packing, Main Seat, Stop Seat and Vacuum Breaker Molded from PERMEX® Rubber Compound for Chloramine resistance
- Initial Set-up Range Indicator Light (first 10 minutes)
- User friendly three (3) second Flush Delay
- "Low Battery" Flashing LED
- Sweat solder adapter with cover tube and cast wall flange with set screw
- Spud coupling and flange for 3/4" top spud
- Solar Powered. The sensor assembly is 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 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
- Latching Solenoid Operator
- Infrared Sensor Range Adjustment Screw
- Fixed Metering Bypass and No External Volume Adjustment to Ensure Water Conservation
- Flex Tube Diaphragm designed for improved life and reduced maintenance
- Engineered Metal Cover with replaceable Lens Window
- ADA Compliant Sloan Solis® Solar Powered Infrared Sensor for automatic "No Hands" operation
- Reduces water usage up to 80% over Standard Sensor Urinals.
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- 3/4" IPS screwdriver Bak-Chek® angle stop with vandal resistant stop cap
- Courtesy Flush® Override Button
- Flush accuracy controlled by CID® technology

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.

► **ELECTRICAL SPECIFICATIONS**

Control Circuit
Solid State



► **Smart Sense Technology™**

The Sloan SOLIS® Solar powered Flushometer is equipped with Smart Sense Technology™ which applies extended range and logic techniques to significantly reduce water usage in high use urinal applications.

► **Automatic Operation**

Sloan SOLIS® Solar powered Flushometers are 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 SOLIS® Solar powered Flushometers incorporate a intuitive button design for easy manual activation. Straightforward graphics alert user to proper activation. To further educate the user, two (2) instructional wall plates are included with each Sloan Solis® Flushometer.

► **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.

► **Compliance & Certifications**



This space for Architect/Engineer Approval

6 VDC Input

8 Second Arming Delay

Sensor Type

Active Infrared

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

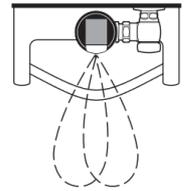
Automatic flush once every 72 hours after the last flush. Product shipped from factory with feature turned off. Consult factory to activate.

► **ROUGH-IN**

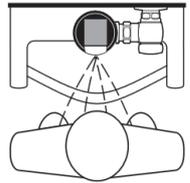
Note: Lens Deflector is not needed for targeting children or wheel chair users.

► **OPERATION**

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



2. As the user enters the beam's effective range (15" to 30") the beam is reflected into the SOLIS® Scanner Window and transformed into a low voltage electrical 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 SOLIS® Sensor, the Sensor initiates an electrical signal that operates the Solenoid. This initiates the flushing cycle for the fixture. The Circuit then automatically resets and is ready for the next user.

