The Façade Sensor provides ambient light and irradiance feedback to SageGlass Maestro™. The Façade Sensor contains several internal sensors to allow 180-degree horizontal view in order to detect localized glare and shading.

### DIMENSIONS AND SPECIFICATIONS

<table>
<thead>
<tr>
<th>Color</th>
<th>Part Number</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Light</td>
<td>300-1180-001</td>
<td>Width: 2.0”</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Length: 3.9”</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Height: 1.9”</td>
</tr>
<tr>
<td>Dark</td>
<td>300-1180-002</td>
<td>Width: 2.0”</td>
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<tr>
<td></td>
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<td>Length: 3.9”</td>
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<tr>
<td></td>
<td></td>
<td>Height: 1.9”</td>
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<table>
<thead>
<tr>
<th>Interface</th>
<th>Description</th>
<th>Specifications</th>
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</thead>
<tbody>
<tr>
<td>PoE Ethernet</td>
<td>Communication and Power</td>
<td>10/100M</td>
</tr>
</tbody>
</table>

### Peak Power

<table>
<thead>
<tr>
<th>Voltage</th>
<th>Current</th>
<th>PoE Standard</th>
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<tbody>
<tr>
<td>44 - 57 V DC</td>
<td>25 mA</td>
<td>IEEE 802.3af Type 1</td>
</tr>
</tbody>
</table>

### DATA RANGE

- Illuminance: 1K Lux to 100K Lux
- Irradiance: 8 W/m² to 800 W/m²

### PRODUCT RATINGS

- CE
- FCC
- IP54
PACKAGE INCLUDES
1. Façade Sensor
2. Façade Sensor Mounting Flange
3. 2mm Allen wrench

TOOLS AND MATERIALS REQUIRED
1. 3/32” drill bit
2. ¾” hole saw or speed bore
3. #1 Phillips screwdriver (or drill with #1 Phillips bit)

SYSTEM REQUIREMENTS
The Façade Sensor communicates to the Symphony control system via Ethernet and receives power via Power over Ethernet (PoE).
1. For commercial applications use Ethernet cables, category CAT5e or above.
2. For residential applications use shielded Ethernet cables, category CAT5e or above.

INSTALLATION
STEP 1: INSTALL MOUNTING FLANGE
1. When selecting a location to install the Façade Sensor, ensure the Façade Sensor will not be obstructed to the sky or the horizon.
2. Make sure installation area is free of dust and flat to ensure the mounting flange gasket can make a good seal.
3. Using the Mounting Flange to mark the holes.
   a. Use ¾” hole saw to create cable routing hole.
   b. For mounting screws:
      i. If façade is wood, screw locations can just be marked and screws driven directly into façade.
      ii. If façade is metal, drill pilot holes using 3/32” drill bit.
4. Using the Philips screw driver or drill, tighten three screws on the mounting flange.
STEP 2: RUN CABLES
Feed the Ethernet cable through the mounting flange opening into the building space. Leave about two inches of cable outside the mounting flange front face for connection to the Façade Sensor.

STEP 3: CONNECT DATA AND POWER CABLES
Connect Ethernet cable to Façade Sensor.

STEP 4: MOUNT THE FAÇADE SENSOR
1. Using the 2mm Allen wrench provided, loosen the set screw on the Façade Sensor.
2. Tuck cable behind mounting flange while sliding Façade Sensor onto mounting flange hooks, then slide down.
3. Tighten Façade Sensor body set screw. Do not overtighten, set screw just needs to touch mounting flange hook to secure the Façade Sensor.

WHY SAGEGLASS?
SageGlass® is the pioneer of the world’s smartest dynamic glass. Electronically tintable SageGlass tints or clears automatically to optimize daylight levels while preventing heat and glare without the need for blinds or shades. SageGlass delivers superior comfort, enhances occupant well-being and saves energy. As part of Saint-Gobain, SageGlass is backed by more than 350 years of building science expertise that only the world leader in sustainable environments can provide.

For additional product and instructional information, visit: sageglass.com/resources