Sensor Control Programmable – SCP

FEATURES
- CA Title 24 Solution
- Motion Sensing up to 40’ mounting height
- Daylight Photo Control
- 0-10V Control Signal
- 20KV/10KA Surge Protection
- Hand Held Remote Adjustment
- For Round or Square Straight Poles
- AAL Poles include wire and mounting holes

SPECIFICATIONS
SCP
- Length: 5 3/4” / 136 mm
- Width: 3” / 76 mm
- Height: 4” / 102 mm
- Weight 1.5 lbs. / 0.7 kg
- EPA: 0.1
- IP Rating: 66

SCP-HV3
- Length: 11” / 279 mm
- Width: 3” / 76 mm
- Height: 4” / 102 mm
- Weight 4 lbs. /1.8 kg
- EPA: 0.2
- IP Rating: 66

SCP-HV4
- Length: 11” / 279 mm
- Width: 3” / 76 mm
- Height: 4” / 102 mm
- Weight 4 lbs. /1.8 kg
- EPA: 0.2
- IP Rating: 66

Note: An SCP provides a single control signal that may control multiple fixtures. Note that individual fixtures typically are only able to accept a single control signal.

ORDERING INFORMATION

1. MODEL
Standard daylight photo-control with motion sensing coverage up to 40’ sensor height.
SCP
- 120-277 VAC
SCP-HV3
- 347 VAC
SCP-HV4
- 480 VAC

2. POLE
The SCP may be ordered as an accessory to a configured pole or in the case of a stand alone unit, the pole contour must be communicated to the factory.
- R3 fits a 3” / 76.2 mm round pole
- R4 fits a 4” / 101.6 mm round pole
- R5 fits a 5” / 127 mm round pole
- S fits a square pole

3. COLOR
- EQV: Black Smooth
- EQW: Black Textured
- GEV: Dark Bronze Smooth
- JWV: Graphite Textured
- QIVV: Light Gray Smooth
- SYV: Platinum Silver Smooth
- YJV: Verde Green Textured
- ZKV: White Smooth
- FF: Custom Color

* Consult factory for custom color, marine and corrosive finish options

REMOTE
Handheld commissioning tool is required to separately configure or adjust any number of sensors.

SCPREMOTE Commission Tool
Sensor Control Programmable – SCP

ELECTRICAL CHARACTERISTICS

<table>
<thead>
<tr>
<th>CONFIGURATION</th>
<th>Line Voltage</th>
<th>Load</th>
<th>Surge Protection</th>
<th>End of Life</th>
<th>Relay Life Rating (Cycles)</th>
<th>Dimming Output</th>
<th>Environmental Temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>SCP</td>
<td>120-277</td>
<td>0-800W @120VAC</td>
<td>0-300W @230VAC (50Hz)</td>
<td>10KA/20KV</td>
<td>Falls open</td>
<td>200,000</td>
<td>0-10V</td>
</tr>
<tr>
<td>SCP-HV3</td>
<td>347</td>
<td>0-800W @ 347VAC</td>
<td>0-1200W @ 277VAC</td>
<td>200,000</td>
<td>0-300W @ 277VAC</td>
<td>50,000</td>
<td></td>
</tr>
<tr>
<td>SCP-HV4</td>
<td>480</td>
<td>0-300W @ 480VAC</td>
<td>0-1200W @ 277VAC</td>
<td>200,000</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

SENSOR DETECTION RANGE

Note:
Coverage area is 2 1/2 times the sensor mounting height.
California Title 24 section 130.2 does not specify a coverage area. AAL recommends discretion per your application requirements.

SENSOR PLACEMENT

POLE SHADOW

HOLE PATTERN

AAL poles have sensor located in opposition to the lighting fixture distribution in order to prevent overlapping sensor and fixture coverage.

Diagram shown with multiple fixtures being controlled. See ELECTRICAL CHARACTERISTICS to ensure controlled load does not exceed sensor maximum.
**ELECTRICAL CHARACTERISTICS**

**HOUSING**
- Housing shall be aluminum construction and sealed with one piece continuous gaskets.
- All internal and external hardware shall be stainless steel.

**OPTICAL**
- Sensor lens shall be flame retardant, UV and impact resistant recyclable polycarbonate.
- Sensor uses passive infrared (PIR) sensing technology that reacts to changes in infrared energy (moving body heat) within the coverage area. Careful consideration must be given to sensor placement. Avoid placing the sensor where obstructions may block the sensor’s line of sight.

**ELECTRICAL**
- SCP shall have an integral surge protection device with a current rating of 10,000 Amps using the industry standard 8/20μSec wave and surge rating of 372J.
- Integral surge protection device shall be both serviceable and wired in series to prevent transmission of power to the electronics or controlled lighting fixtures at end of life.
- Sensor not intended for use with additional photo-control, wireless control or dimming systems.
- Factory default settings shall be:
  - High mode: 10V
  - Low mode: 1V
  - Ramp-up rate: disabled
  - Fade-down rate: disabled
  - Photocell: Off
  - Sensitivity: Full
  - Time Delay: Fade to low: 5 minutes
  - Time Delay: Fade to off: 1 hour

**FINISH**
- SCP finish shall consist of a five stage pretreatment regimen with a polymer primer sealer, oven dry off, and top coated with a thermoset super TGIC polyester powder coat finish.
- SCP finish shall meet the AAMA 605.2 performance specification which includes passing a 3000 hour salt spray test for corrosion resistance.
- AWT, VBL and ATG housing finish shall have a sensor bezel color of black, MAL housing finish shall have a sensor bezel color of grey and all other housing finishes shall have a sensor bezel color of black.

**CERTIFICATION**
- All electrical components shall be U.L. recognized.

**WARRANTY / TERMS AND CONDITIONS OF SALE**

www.hubbellighting.com/resources/warranty