GENERAL INFORMATION

Having the lights on full in an already well-lit area means wasted energy and bigger electrical bills. Unison Paradigm Light Sensors are the sensible way to solve that problem and lower energy expenditures. The Light Sensors have a neutral look that easily blends into their surroundings. The sensors are ready to go in their standard form, or you can detach the sensor’s RemoLux head to use as a remote sensor. It is perfect for atriums and other spaces with high ceilings. Rated for use in wet locations, the light sensor can even be installed outdoors.

APPLICATIONS

- Classrooms
- Conference rooms
- Museums
- Office spaces

FEATURES

- Sensor Controller with or without integrated Light Sensor
- RemoLux: Light Sensor can be mounted within controller housing or remotely
  - Remote sensors connect using Belden 8471 or two #16AWG wires
  - Filler included for remote head applications
- Dualux: Supports up to two sensors to average light levels in large areas
- Single Light Sensor for indoor, outdoor and atrium use
- Software configurable to activate or deactivate any Paradigm system function
- LinkConnect: two-wire, topology-free bus for power and communication
- Each sensor counts as one station with up to two light heads
- Available in white and black
- Supports Switched and Dimming daylight harvesting

GENERAL

- UL and cUL Listed
- CE Marked
- CA Title 24 Compliant

ORDERING INFORMATION

<table>
<thead>
<tr>
<th>Unison Paradigm Light Sensor</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MODEL</strong></td>
</tr>
<tr>
<td>P-LS</td>
</tr>
<tr>
<td>P-LSC</td>
</tr>
<tr>
<td>P-LSH</td>
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</tbody>
</table>

Note: Sensors come standard in pure white (RAL9010). Add -4 to the end of any model number for black (RAL9004)

Compatible Control Systems

<table>
<thead>
<tr>
<th>Compatible Control Systems</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>MODEL</strong></td>
</tr>
<tr>
<td>P-ACP</td>
</tr>
</tbody>
</table>

Note: A Paradigm Station Power Module (P-SPM) is required
**S P E C I F I C A T I O N S**

**FUNCTIONAL**
- On and Off set-points configured using LightDesigner software
- Programmable control for any circuit, zone, group or space
- Configurable delay/offset
- Light Sensor can be mounted within controller housing or remotely; filler included for remote head applications
- Support for up to two sensors with averaging of light levels
- Single Light Sensor for indoor, outdoor and atrium use

**MECHANICAL**
- Constructed of injection-molded, ABS plastic in Pure White (RAL9010) or Black (RAL 9004)
- Electronics assembly and mounting plate included
- Two cantilevered configuration buttons
- No visible means of attachment
- Surface- or back box-mountable using included mounting plate
  - Supports drywall, plaster, wood, and concrete,
  - Mounts to any standard electrical box (supplied by other manufacturers)
  - Mounts to compressed fiber ceilings using wire form adapter
- Supports internal or remote mounting of light sensor
  - Remote Light Head mounts to any 1/2” or 3/4” knockout
- Remote Heads use conformally coated circuit boards resistant to corrosion from moisture
  - IP65 rated when used with a weather-tight back box

**ELECTRICAL**
- Controller connects via LinkConnect control network utilizing low-voltage Class 2 wiring
  - Topology-free and polarity-independent wiring over Belden 8471 or equivalent and (one) #14 ESD drain wire
  - Wiring may be bus, loop, home-run or any combination of these
- Remote sensors connect using two #16AWG wires up to 1000’ away from controller
- UL and cUL Listed, CE Marked

**ENVIRONMENTAL**
- Ambient room temperature: 0 to 40°C / 32 to 104°F
- Ambient humidity: Maximum 90% non-condensing

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**PHYSICAL**

**Unison Paradigm Light Sensor Dimensions**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>DIAMETER</th>
<th>DEPTH</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>inches</td>
<td>mm</td>
</tr>
<tr>
<td>P-LS/ P-LSC</td>
<td>4.50</td>
<td>114</td>
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<tr>
<td>P-LSH</td>
<td>1.60</td>
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**Unison Paradigm Light Sensor Weights**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>WEIGHT</th>
<th>SHIPPING WEIGHT</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>ounces</td>
<td>grams</td>
</tr>
<tr>
<td>P-LS</td>
<td>3</td>
<td>76.5</td>
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<tr>
<td>P-LSC</td>
<td>3</td>
<td>76.5</td>
</tr>
<tr>
<td>P-LSH</td>
<td>1</td>
<td>28.3</td>
</tr>
</tbody>
</table>

*Weights and dimensions typical*
Unison Paradigm® Light Sensor
Paradigm Responsive Control Series

PHYSICAL

SHOWN WITHOUT INCLUDED THREADED EXTENDER

SHOWN WITH INCLUDED THREADED EXTENDER