Cooper Crouse-Hinds factory-sealed, field installed photocells offer reliable, dusk-to-dawn lighting control for walkways, security lighting and any other outdoor lighting application.

**Applications**

Cooper Crouse-Hinds photocells are designed:
- To provide control for automatic dusk-to-dawn lighting
- For safety by turning on outdoor luminaires in critical passageways at night
- To save energy by operating luminaires only when necessary
- For use with LED luminaires (VMVL, FMVL, V2L, EVLL, EV LED, LPL, and Pro Series) and H.I.D. luminaires (LMV, DMV, VMV, VMV High Wattage, and FMV Series)
- For use on 20-400 watt LED, H.I.D., incandescent, or fluorescent lighting luminaires
- For remote mounting in FS boxes (D2S Series)
- For mounting in EIH enclosures for Class I, Division 1 applications (EV2IH Series)

**Features**

- Makes retrofitting fixtures easy - existing photocells in lighting system can still be utilized
- Solid-state design for performance and dependability
- Luminaires turn on at 3 footcandles, off at 8 footcandles, ensuring that the luminaires are operating only when needed
- Built-in 10 second time delay to eliminate nuisance tripping
- Eight-year operating life
- V2PCT photocell is rated for 65°C ambient and up to 1000W, 1000VA

**Certifications**

**D2S Series**
- CSA Standard: C22.2 No. 55
- Dry Locations
- UL Ordinary Locations

**EV2IH Series**
- NEC/CEC:
  - Class I, Division 1 and 2, Groups B, C, D
  - Class II, Division 1, Groups E, F, G
  - Class II, Division 2, Groups F, G
  - Class III
- NEMA: 3, 4, 7BCD, 9EFG
- UL Standard: 844 - Hazardous (Classified) Locations
- CSA Standard: C22.2 No. 30, 55

*For Group B applications, seal within 1½” of enclosure in accordance with Section 501-5 of the National Electric Code®.*
## Photocells for use with LED and H.I.D. Products

### Ordering Information

<table>
<thead>
<tr>
<th>Photocell in DS Cover for use with FS/FD Box</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Catalog Number</strong></td>
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<tr>
<td>D2S20</td>
</tr>
<tr>
<td>D2S208 277</td>
</tr>
</tbody>
</table>

Can be used with the following LED luminaires:

- Champ® VMV LED
- Champ® FMV LED
- Vaporgard™ LED
- Pro Series LED

<table>
<thead>
<tr>
<th>Photocell in EIH enclosure for use in Cl. I, Div. 1, Gr. B, C, D; Cl. II, Div. 1, Gr. E, F, G; Cl. III locations</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Catalog Number</strong></td>
</tr>
<tr>
<td>EV2IH20</td>
</tr>
<tr>
<td>EV2IH208 277</td>
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</tbody>
</table>

Can be used with the following LED luminaires:

- Hazard•Gard® EVLL LED
- EV LED
- Hazard•Gard® LPL LED

<table>
<thead>
<tr>
<th>Replacement photocell for D2S cover or EIH enclosure*†</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Catalog Number</strong></td>
</tr>
<tr>
<td>V2PCT20</td>
</tr>
<tr>
<td>V2PCT208 277</td>
</tr>
</tbody>
</table>

Can be used with the following LED luminaires:

- Champ® VMV LED
- Champ® FMV LED
- Vaporgard™ LED
- Pro Series LED

*Must be factory installed in Canada.
†When mounting in EIH enclosures for Class I, Division 1 applications (EV2IH Series), seals are not required for Groups C and D.