

**OVERVIEW**

The D Series photocontrols utilize a Cadmium Sulfide (CdS) light sensor. The CdS light sensors closely approximates the spectral response of the human eye without the use of an infrared filter.

**FEATURES**

**APPLICATIONS**

- Roadway & Area Lighting

**DESIGN DETAILS**

- Cadmium Sulfide Light Sensor
- Sealed Relay
- MOV Rated for up to 320 Joule/9500 Amp
- Neoprene Base Gasket has a continuous use temperature of 105°C
- Turn OFF light level is 1.5 times turn ON
- Optional 2 - 5 second turn-off delay
- Selectable Cover Color
- Polypropylene Cover
- Brass Legs
- Not approved for use on LED fixtures

**SPECIFICATIONS**

**REGULATORY LISTINGS**

- ANSI C136.10-1996 Compliant

**OPERATING CHARACTERISTICS**

- Voltage 105 to 305 VAC, 50/60Hz
- Load rating: 1000 watts, 1800 VA ballast
- -40 to +70°C ambient

**Warranty**

Six-year limited warranty. Complete warranty terms located at:

[www.acuitybrands.com/CustomerResources/Terms\\_and\\_conditions.aspx](http://www.acuitybrands.com/CustomerResources/Terms_and_conditions.aspx)

**Note:** Actual performance may differ as a result of end-user environment and application.

Specifications subject to change without notice.

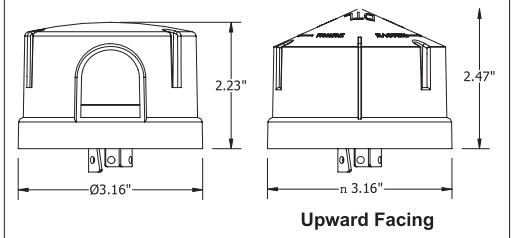
\* Not all configurations available.



*D Series Cadmium Sulfide  
Electronic Locking Type Photocontrol*



**DIMENSIONS**



**ANSI Color Codes**

|            |           |
|------------|-----------|
| 120V       | Gray      |
| 240V       | Maroon    |
| Multi-Volt | Dark Blue |
| 347V       | Green     |
| 480V       | Yellow    |

**ORDERING INFORMATION**

| D PHOTOCONTROL                |                        |                            |                            | Example: D120 1.5 STJBK J50 |                         |              |
|-------------------------------|------------------------|----------------------------|----------------------------|-----------------------------|-------------------------|--------------|
| Series & Voltage              | Turn-On Level (fc)     | Light Sensor               | Time Delay                 | Surge Protection            | Cover Color             | Pkg. Qty.    |
| D120 120V (105 - 130)         | 1.0 Energy Saver       | S Standard Cadmium Sulfide | [blank] Instant on and off | J 320/9500 amp MOV          | [blank] ANSI Std. Color | J12 12 Units |
| D124 120/240/277V (105 - 305) | 1.5 ANSI Standard      |                            | T 2-5 Sec. Turn-Off Delay  |                             | BK Black <sup>1</sup>   | J50 50 Units |
| D240 240V (205 - 265)         | 2.6 IES Recommendation |                            |                            |                             | BR Brown <sup>1</sup>   |              |
|                               |                        |                            |                            |                             | GY Gray <sup>1</sup>    |              |
|                               |                        |                            |                            |                             | MR Maroon <sup>1</sup>  |              |
|                               |                        |                            |                            |                             | GR Green <sup>1</sup>   |              |
|                               |                        |                            |                            |                             | BL Blue <sup>1</sup>    |              |
|                               |                        |                            |                            |                             | P Upward Facing         |              |

**NOTES**

1. Non-standard custom colors are non-stock items except when ANSI standard. Consult customer service for availability.