

OVERVIEW

The LSXR Family of fixture mount photo controls provides reliable and versatile solutions for commercial and industrial lighting control applications.

FEATURES

- Integrated mounting bracket drops lens down 3" from chase nipple – no bracket accessory required
- Designed with robust protection from the harsh switching requirements of LED loads
- Powers from single or two-phase line connections
- Miswire protection, reversible line & load connections
- 0-10 VDC dimming options
- Push-button programmable
- Convenient test mode

Warranty

Five-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: [www.acuitybrands.com/support/warranty/terms-and-conditions](http://www.acuitybrands.com/support/warranty/terms-and-conditions)

**Note:** Actual performance may differ as a result of end-user environment and application. Specifications subject to change without notice



LSXR PC  
LSXR ADC  
LSXR PC ADC



ORDERING INFORMATION

| LSXR PC ADC |                                        |         |                      |                            |        |                            |       |             |     | Example: LSXR PC ADC LT |                        |                  |          |
|-------------|----------------------------------------|---------|----------------------|----------------------------|--------|----------------------------|-------|-------------|-----|-------------------------|------------------------|------------------|----------|
| Series      |                                        | Voltage |                      | Max Dim Level <sup>2</sup> |        | Min Dim Level <sup>2</sup> |       | Lead Length |     | Temp/Humidity           |                        | Package Quantity |          |
| LSXR PC     | On/Off Photocell                       | [blank] | 120-277 MVOLT VAC    | [blank]                    | 10 VDC | [blank]                    | 0 VDC | [blank]     | 8"  | [blank]                 | None                   | [blank]          | Single   |
| LSXR ADC    | Automatic Dimming Photocell            | HVOLT   | 347-480 VAC          | 9H                         | 9VDC   | 1V                         | 1 VDC | 42L         | 42" | LT                      | Low Temp/High Humidity | J100             | 100 Pack |
| LSXR PC ADC | On/Off and Automatic Dimming Photocell | 480     | 480 VAC <sup>1</sup> | 8H                         | 8VDC   | 2V                         | 2 VDC |             |     |                         |                        |                  |          |
|             |                                        |         |                      | 7H                         | 7VDC   | 3V                         | 3 VDC |             |     |                         |                        |                  |          |
|             |                                        |         |                      |                            |        | 4V                         | 4 VDC |             |     |                         |                        |                  |          |
|             |                                        |         |                      |                            |        | 5V                         | 5 VDC |             |     |                         |                        |                  |          |
|             |                                        |         |                      |                            |        | 6V                         | 6 VDC |             |     |                         |                        |                  |          |

- NOTES:
- 1. 480 only available with PC.
  - 2. Dim level options not applicable for LSXR PC.

## SPECIFICATIONS

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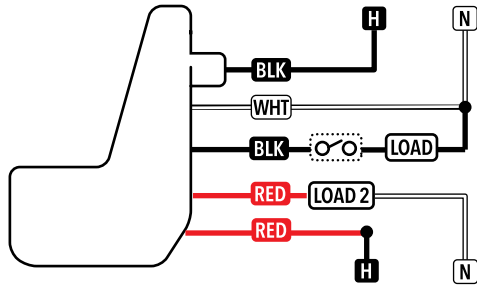
|                           |                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|---------------------------|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Electrical Specifications | Input Ratings                    | 120, 208-277V, 80 mA, 50/60Hz<br>347V, 60 mA, 50/60Hz<br>480V, 60 mA, 50/60Hz                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                           | Output Ratings                   | 120V 50/60Hz, 800W/6.67A - Standard Ballast, General Use, Electronic Ballast, Tungsten<br>208V 50/60Hz, 1040W/5.00A - Standard Ballast, General Use, Electronic Ballast, Tungsten<br>277V 50/60Hz, 1200W/4.33A - Standard Ballast, General Use, Electronic Ballast, Tungsten<br>120/208/277V, 1/4HP - Motor<br>347V 50/60Hz, 1500W/4.33A - Standard Ballast, General Use, Tungsten<br>480V 50/60Hz, 2400W/5.00A - Standard Ballast, General Use, Tungsten<br>347/480V, 0.5 FLA/ 3 LRA - Motor |
|                           | Relay Type                       | Latching                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|                           | Low Voltage Output Ratings       | 0-10VDC, Sinks <20mA                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|                           | Class Rating                     | 0-10V Dimming can be wired Class 1 or 2                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|                           | Standards/ Ratings               | Energy Management Equipment, UL916 (E167435)                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Mechanical                | Dimensions                       | 3.75"H x 2.50"W x 4.00"D (95mm x 64mm x 102mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|                           | Mounting                         | 1/2" Knockout (7/8" hole)                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                           | Color                            | White                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|                           | Connection Type                  | Low-Voltage Leads, Line-Voltage Leads                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Environmental             | Warrantied Operating Temperature | Standard: 14°F to 140°F (-10°C to 60°C);<br>LT Option: -4°F to 140°F (-20°C to 60°C)                                                                                                                                                                                                                                                                                                                                                                                                          |
|                           | Relative Humidity                | Up to 90%, Non-Condensing                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|                           | Standards/ Ratings               | RoHS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

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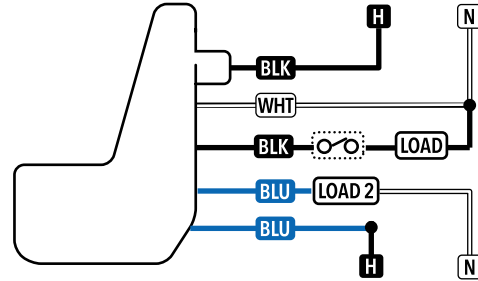
## WIRING (DO NOT WIRE HOT)

The sensor uses Sensor Switch's patented "either/or wiring"; Black to Hot and Black to Load. The White wire connects to neutral. Black wires are replaced with Red wires for 347 VAC. A Violet and Pink\* wire are present for a low voltage connection to the 0-10 VDC dimmable ballast.

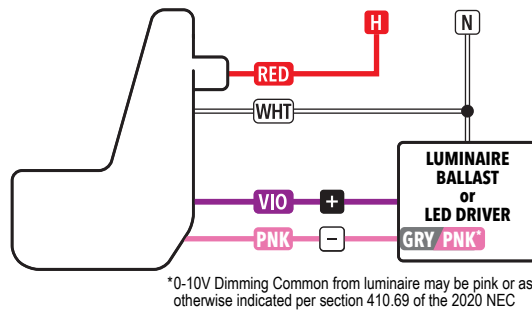
LSXR PC (HVOLT)



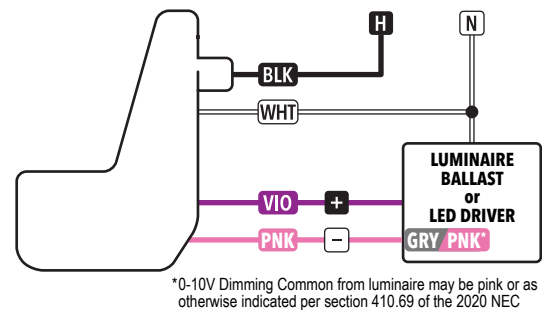
LSXR PC (MVOLT)



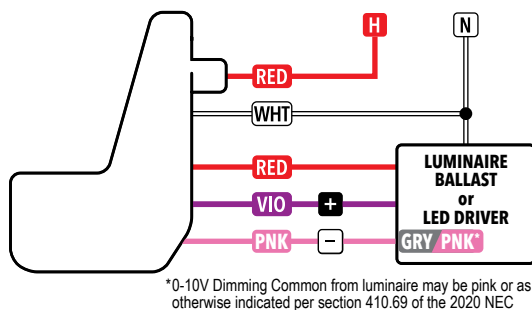
LSXR ADC (HVOLT)



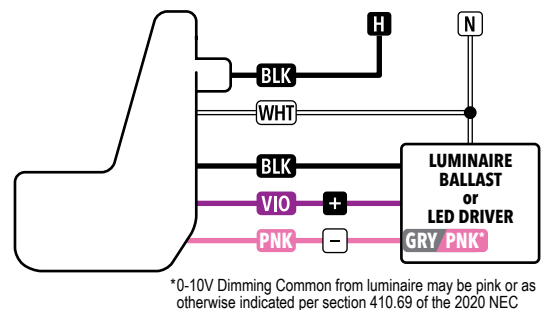
LSXR ADC (MVOLT)



LSXR PC ADC (HVOLT)



LSXR PC ADC (MVOLT)



LSXR PC (480 VAC)

