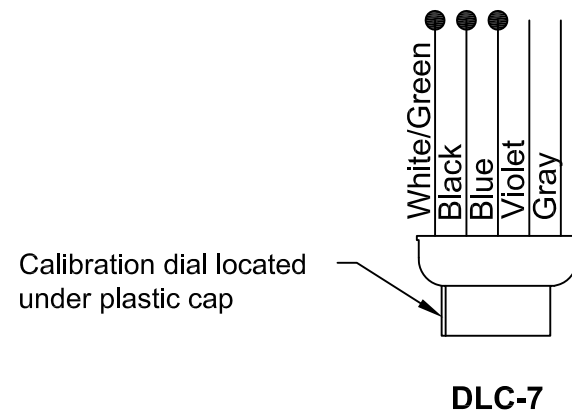


- For use with 2-wire electronic dimming ballasts, such as the Advance™ MarkVII.
- Low Voltage wire to be 20-22AWG
- Up to 50 0-10V Ballasts can be controlled by a DLC-7



DLC-7 Notes:

1. **Gray:** To gray wire from electronic dimming ballast
2. **Violet:** To violet wire from electronic dimming ballast
3. **Blue:** To blue wire on optional wall mounted Remote Calibration Dial (not provided)
4. **Black:** To black wire optional Remote Calibration Dial. (not provided)
5. **White/Green:** This wire loop controls the sensor response delay leave intact for an 8 second delay, cut for 3 second delay.
6. Maximum wire length is 100 feet, using 20 or 22AWG wire. Shielded cable or conduit is recommend to minimize electrical noise.

Specifications

Accuracy

- +/-1% @ 70°F (21°C)
- Derated to +/-5% when above 120°F or below 50°F (18°-49°C)

Supported ballasts

- Capable of controlling up to 80 Advance MarkVII ballasts

Sensitivity ranges

- 0-500 foot-candles

Adjustment range

- 7-140 foot-candles

Input voltage

- 10VDC (9 supplied by ballast)

Output voltage

- 1VDC (light)-10VDC (dark)

Wire leads

- 22 gauge
- Gray and violet to the Advance ballast
- Blue and black for remote calibration dial
- White-green 2-wire loop cut for 3-second delay. Leave intact for 8-second delay to ballast

Sensor type

- Blue enhanced photodiode

Size

- Base diameter: 2.00", Sensor diameter: 1.29", Height: 1.23"

Mounting

- Mounting hole: 3/8 "
- Mounting medium: 3M™ double adhesive tape

Construction

- Sensor housing meets flame-retardant requirements of UL standard 94HB

Warranty

- 2 years

Features Benefits

Controls 2-wire 0-10V dimming ballasts

- Increase energy savings by dimming lights when there is sufficient natural light

Selectable 3 or 8-second dimming rate

- More control over when lights dim (e.g. cloudy areas would require a longer delay)

Multiple calibration options

- Easy adjustment of light levels at the sensor head

Low-profile design

- Aesthetically pleasing - shadow-free appearance



HUBBELL
Building Automation

DLC-7 Daylight Controller

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