

WPS-3741B - Dialog® Exterior Daylight Sensor



Project Name: _____
Part Numbers: _____ Date: _____

Features

- Exterior Daylight Sensor for detecting and transmitting light levels
- Light level range: 0 to 65,000 lux (0-6500 fc)
- Measures and reports changes in natural light
- Connects to control system data line
- Adjustable sun shield

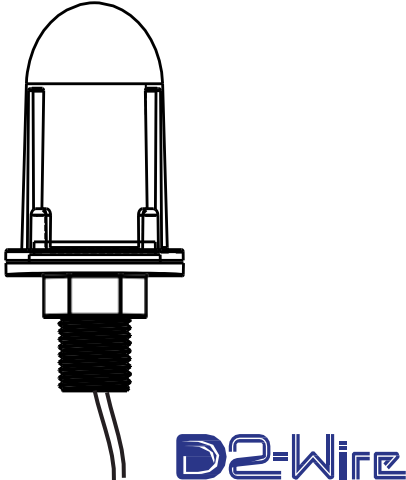
The updated mechanical design of the Douglas Lighting Controls Exterior Daylight Sensor improves weather resistance and provides a means to tune the amount of light being measured at the sensor with the provision of a sun shield. The electronic specifications remain the same to ensure backwards compatibility with existing Douglas systems.

Installation:

- Performance is best maintained when installed in protected area to avoid inaccurate measurements due to build-up of dirt, dust, snow, or ice.
- Mount vertically on a fixed surface with sensor face directed North with a clear path to measure natural light.
- If Northern orientation is not available, position sensor to best capture natural light avoiding direct sunlight.
- If direct sunlight cannot be avoided, vertically center sun shield on sensor face.
- Once positioned, tighten chase nipple lock ring.
- Connect sensor wires as outlined below and on product (wire shielding is not required).

PART NUMBER	DESCRIPTION
WPS-3741B	<ul style="list-style-type: none"> • For use with Dialog systems • Replaces WPS-3741

WIRING



- Connect wires to Dialog network

*Patent Pending

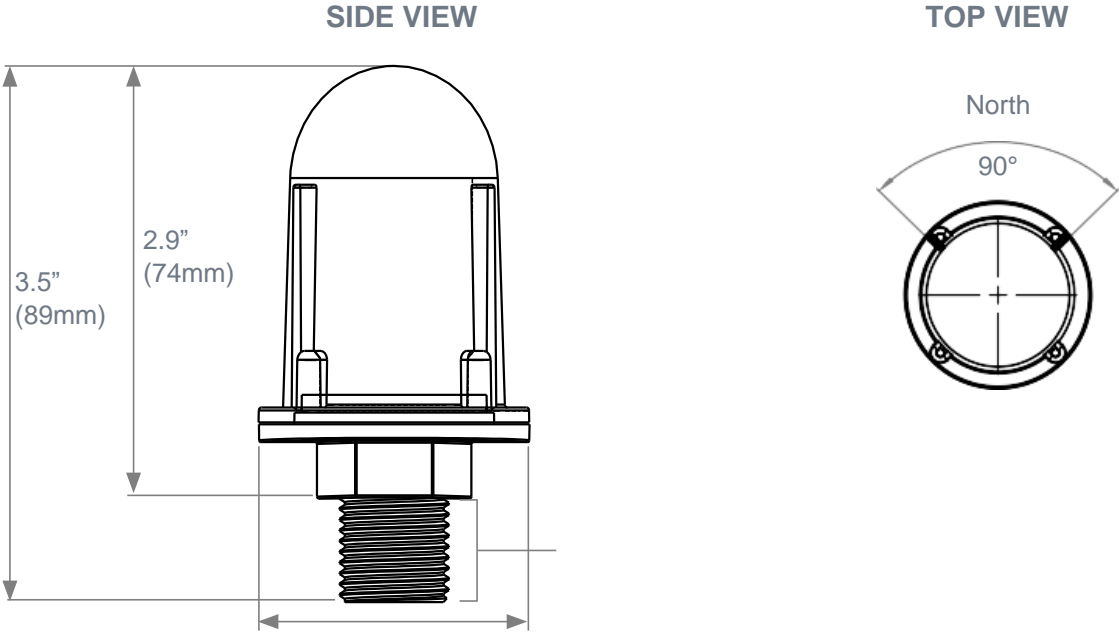
Rev 1/25/2022

Douglas Lighting Controls

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Dimensions

Inches [mm]



Technical Details

POWER	<ul style="list-style-type: none"> Signal draw: 15mA
COMMUNICATION	<ul style="list-style-type: none"> Digital Signal Maximum wire length 500ft
ENVIRONMENT	<ul style="list-style-type: none"> Stationary, non-vibrating, non-corrosive atmosphere & non-condensing humidity Ambient Operating Temperature: <ul style="list-style-type: none"> -55°F to +130°F (-50°C to +55°C)
DIMENSIONS	<ul style="list-style-type: none"> Height: 3.5" (89mm) Maximum width: 2.0" (51mm) Integrated 0.5" chase nipple (includes lock ring)
WARRANTY	<ul style="list-style-type: none"> Standard 5-years

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