



Project Name: _____
Part Number: _____ 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.

PART NUMBER	DESCRIPTION
WPS-5527B	<ul style="list-style-type: none">• For LitePak 1 systems• Replaces WPS-5527

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).

<p>DIMENSIONS</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;"> <p>SIDE VIEW</p> </div> <div style="text-align: center;"> <p>TOP VIEW</p> </div> </div>	<p>WIRING</p> <p>WPS-5527B</p> <ul style="list-style-type: none"> • Connect Yellow and Black (non-polarized) wires to Litepak or WTP-4408
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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)

* Application and Performance Specification Information Subject to Change without Notification

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