

Standardized Lighting Control Solutions for Warehouses and Commercial Facilities



LitePak™

LitePak™ Overview

- Standardized lighting control system for warehouses and commercial facilities.
- Provides automated control via programmable interface.
- Available in 4, 8, 16, and 24 relay configurations.
- Lockable cabinet for control of panel access.
- Meets ASHRAE 90.1-2010 and CEC Title 24 requirements.



ASHRAE 90.1-2010

LitePak™ - 8



Exterior Daylight Sensor (WPS-5527B)



An exterior daylight sensor detects the amount of natural light available to control facility lighting based on system settings.

LitePak™ - 16



Switches

Relays in the LitePak can be manually controlled by Douglas Lighting Controls 8700 series switches (ordered separately).



* Faceplates ordered separately

LitePak™ Time/Photo Controller



LitePak Controller

- Electronic, 365-day astronomical time/photo controller.
- 4-line graphical display with built in prompts to navigate viewing and editing programs.
- Up to 900 events can be programmed into the LitePak controller.
- The controller has 8 outputs. Each can be operated by a unique program and with unique photo settings. Up to 4 relays can be connected to an output.

Features

- **Time Control:** 7-day schedules and holiday DATE schedules.
- **Astronomical Control:** calculates sunset and sunrise. An offset of ± 180 minutes can be set from the calculated time.
- **Photo Sensor Control:** set unique light level set points for each output. Requires optional WPS-5527B Photo Sensor. Sensor range is 0-6500 foot candles.
- **Switching Options:** outputs can be set to switch ON, OFF, OFF with flick warn and can do sentry switch OFF commands.
- **Time-out Option:** controller outputs can be set to monitor connected relays. Should the relay be switched ON, the output will switch it OFF after a pre-set time. This feature can be scheduled to function during unoccupied periods.
- **Group Override Switch:** a switch input is supplied that can be set to switch all or some of the outputs ON or OFF.
- **Daylight Savings & Leap Year:** the controller automatically adjusts for leap years and Daylight Savings. Daylight savings option can be switched OFF if not required.
- **Memory:** Nonvolatile memory maintains programming in the event of a power failure.

LitePak™ Master Panels

WPAK-33514-*	120/277Vac	LitePak Master Panel, 4x 1-pole relays
WPAK-33314-*	120/347Vac	LitePak Masker Panel, 4x 1-pole relays
WPAK-33518-*	120/277Vac	LitePak Master Panel, 8x 1-pole relays
WPAK-33318-*	120/347Vac	LitePak Master Panel, 8x 1-pole relays
WPAK4/2	120/277Vac	LitePak Master Panel, 4x 1-pole & 2x 2-pole relays, barrier
WPAK-33524-*	120/277Vac	LitePak Master Panel, 4x 2-pole relays
WPAK16-3351-*	120/277Vac	LitePak Master Panel, 16x 1-pole relays
WPAK16-3331-*	120/347Vac	LitePak Master Panel, 16x 1-pole relays
WLCP-24WST-S3	120/277Vac	Lighting Control Panel, Timer, Scanner & 24x 1-pole relays

*= S (surface cover) or F (flush cover)

LitePak Expansion Panels

Expansion panels are available when additional relays are needed (contact your Douglas Lighting Controls representative).

2-Wire HID Relays

- Suitable for all types of lighting loads including capacitor corrected HID ballasts.
- Manual override lever & ON/OFF indicator built into relay.
- Operable with remote switches.
- Lighting load rated for 20A branch circuits.
 - Voltage ratings:
 - 120/277/347V 1-pole relay
 - 208/480V 2-pole relay.
- 480V applications use a 2-pole relay to switch
- the two 277V hots that supply the load fixture.
- Approvals: UL/CSA.



DOUGLAS

LIGHTING CONTROLS

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