

**DUAL LITE**

# **SPECTRON<sup>®</sup>**

*Self-Testing/Self-Diagnostic Electronics System*

*Technologically advanced **SPECTRON<sup>®</sup>** self-testing, self-diagnostic electronics provide increased reliability and labor cost savings*



- *Automatically performs required monthly testing*
- *Visually indicates unit readiness status*
- *Energizes emergency lights during “brownout” conditions*
- *Built-in automatic 15-minute retransfer delay*
- *Saves time and labor*



Hubbell Lighting, Inc.



# DUAL LITE

# SPECTRON®

Self-Testing/Self-Diagnostic Electronics System

## Features

- Self-testing circuitry performs required monthly equipment readiness test
- Self-diagnostic circuitry checks lamps, battery condition, AC/battery connections and transfer/charger circuitry
- Status alert panel provides visual indication of unit readiness
- Automatic monthly testing and 60-minute extended test every six months
- Built-in time delay retransfer circuit holds unit in emergency mode for 15 minutes following return to normal AC power
- Circuitry detects “brownout” AC power conditions

## Benefits

- Eliminates time and labor associated with the manual “30 second per unit” monthly testing procedure
- Performs routine tests of all circuits and assures operational readiness at all times
- Automatically detect problems before an emergency condition occurs
- Routine battery cycling insures optimum battery performance and maximum useful life
- Allows HID fixtures additional time to cool down, strike an arc and return to normal operation
- Energizes emergency lights during “brownout” conditions, illuminating the path of egress

## Labor Cost Savings

Automatic monthly testing saves time and labor

### Example (manual monthly test):

- 100 units in the building
- Testing takes 10 minutes per unit per month <sup>(1)</sup>
- Tests conducted each month for 11 months <sup>(2)</sup>
- Labor rate of \$25.00 per hour <sup>(1)</sup>

### Calculations:

- 10 minutes X 100 units = 16.7 hours per month
- 16.7 hours per month X \$25 per hour = \$417.50 per month
- \$417.50 per month X 11 months = **\$4,592.50 annual savings**

## Spectron-equipped products can help pay for themselves!

<sup>(1)</sup> Based on electrical contractor estimates, it takes 1 labor unit (or 10 minutes) to conduct the monthly test at a national labor rate average of \$25.00 per hour, with benefits.

<sup>(2)</sup> The Life Safety Code (NFPA 101) requires a monthly 30-second test of every emergency lighting unit and exit sign in the building. That same code also requires that an annual 90-minute discharge test be conducted.

## Products with Spectron®

|   |                         |   |                           |
|---|-------------------------|---|---------------------------|
|  | <b>LiteScape</b>        |  | <b>AS</b>                 |
|  | <b>EZ-2</b>             |  | <b>Lampak Power Packs</b> |
|  | <b>LZ</b>               |  | <b>LX</b>                 |
|  | <b>LM</b>               |  | <b>LT</b>                 |
|  | <b>EZ-2R</b>            |  | <b>Sempra</b>             |
|  | <b>T-Grid</b>           |  | <b>LN4X</b>               |
|  | <b>Lite<sup>2</sup></b> |  | <b>LE</b>                 |
|  | <b>N4X</b>              |   |                           |