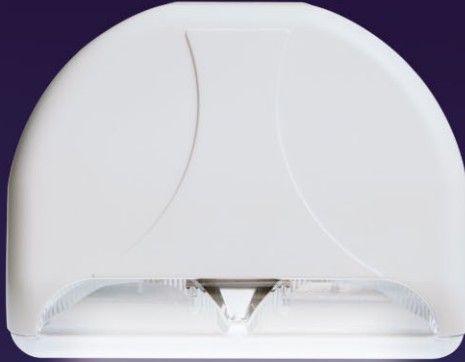


DUAL LITE

Nothing Can Hold A Candle To...
Foot



LiteScape

...with code-compliant
SurePath technology



40 ft

3 ft

LiteScape: A Bold Step Into The Future



Elegance that suits
any decor



Paintable textured finish

Once again, Dual-Lite takes a bold, innovative step in emergency lighting with LiteScape — the industry's only unit with SurePath technology that *guarantees* code compliance and enables you to use fewer fixtures in most installations.

By combining SurePath technology with a unique, upscale style and unified, compact housing, we've developed an emergency lighting unit that does more than integrate with nearly any building décor. LiteScape sets a new industry standard in emergency lighting — for generations of units to come.

Distinguished And Discreet

Instead of the box-shaped style of traditional emergency lighting units, LiteScape offers low-profile, contoured elegance and a bright, white, textured finish. This combination creates a strong statement in darker, subdued surroundings or becomes a discreet

appointment in more conventional, light-colored ambiances. In addition, you can paint the textured finish to integrate LiteScape into any color scheme.

Adding Substance To Style

LiteScape's elegant style belies its rugged construction. High-strength polycarbonate and ultrasonically welded components make LiteScape an ideal choice for interiors requiring impact-resistant and tamper-resistant emergency lighting.



100% Code Compliance — GUARANTEED

LiteScape guaranteed code compliance begins with our patented SurePath technology. This clearly superior illumination source eliminates hot spots found in conventional lighting sources by providing a bright, clearly defined lighting pattern that complies fully with the NFPA 101 Safety Code average requirement of one foot-candle.

The result: SurePath technology eliminates the tedious guesswork in developing an effective lighting layout, raising the industry standard for performance and safety by delivering illumination that is code-compliant and fully guaranteed — an industry first.

SurePath: Unparalleled Performance

SurePath technology uses two key components to deliver its continuous, even light path for optimum visibility and safety:

- High-performance halogen lamps
- Patented reflectors

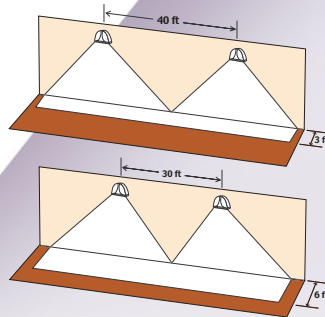
Together, they help generate levels of emergency egress illumination unsurpassed by any other lighting source.

Complying Pathways

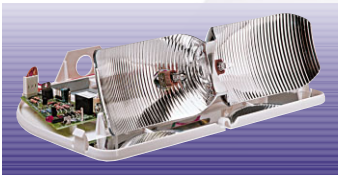
LiteScape units generate two pathways: 40'L x 3'W or 30'L x 6'W (see diagram at right). These pathways

are fully guaranteed to meet NFPA 101 Life Safety Code emergency illumination requirements, providing the units are installed at the proper 7'6" mounting height from the floor and the area of installation meets the minimum reflectance values of:

- Ceiling - 80%
- Walls - 50%
- Floor- 20%



A user-selectable reflector adjustment allows you to select either a three-foot-wide or six-foot-wide light path.



The LiteScape Guarantee

Dual-Lite guarantees that LiteScape illumination pathways will fully meet NFPA 101 Life Safety Code requirements by providing an average of one foot-candle of illumination along the path of egress.

GUARANTEED

Lite-Scape



Patents Pending

Space-Age Technology From Dual-Lite

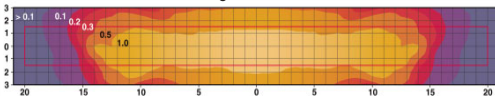
Dual-Lite turned to the Breault Research Organization, the design firm that refined the Hubble space telescope optics, to create our new, patented SurePath reflector. Their reflector design incorporates two high-output, 10-watt halogen lamps to generate LiteScape's incredibly bright, even illumination.

A user-selectable reflector adjustment allows you to select either a three-foot-wide or six-foot-wide light path. The long, broad, even SurePath illumination provides optimum interior egress lighting paths during an emergency.

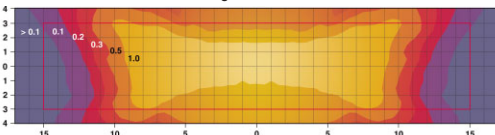
Independent Verification

The accompanying photometric data was generated and verified by Independent Testing Laboratories (ITL) of Boulder, Colorado. LiteScape IES photometric files can be downloaded from the LiteScape product page at www.dual-lite.com. LiteScape illumination data has also been incorporated into the Hubbell LitePro® lighting design application software.

3-Foot SurePath Illumination Setting



6-Foot SurePath Illumination Setting



1) Photometric illustrations based on data provided by Independent Testing Laboratories, Boulder, Colorado.

2) Photometrics shown based on 7.5-foot mounting height and minimum 80-50-20 reflectance values.

3) Red rectangular area in photometric illustrations represents normal center-to-center hallway egress illumination pattern provided. Code-compliant photometric illumination patterns for stand-alone (single unit) installations are slightly shorter - 35 feet in 3-foot setting and 26 feet in 6-foot setting applications.

Fast, Easy Installation

Installing LiteScape is a simple three-step process that takes only minutes:

Step 1

Mount the back plate to your electrical box.



Step 2

Next, mount the wall plate and wire unit.



Step 3

Complete your installation by connecting the battery and installing the cover-lens assembly.



Twice The Installation Savings

More than labor savings and easy installation, LiteScape illumination power results in fewer fixtures for most installations. The reason? LiteScape has twice the normal center-on-center mounting distance of many traditional units.

Avoids Non-Compliance

Non-compliance is an all-too-familiar — and very expensive — scenario:

Those enforcing lighting codes determine your project's emergency lighting levels are inadequate.

You're informed you must add, relocate or change your already-installed emergency fixtures — and incur extra costs in materials, labor, time and money.

With our LiteScape Series, we guarantee that all properly installed units will meet NFPA 101 Life Safety Code specifications and pass final inspections every time — a significant cost savings.

Beauty And Intelligence

You can also order LiteScape models with our proven Spectron® self-testing/self-diagnostic electronics package.

LiteScape Spectron models ensure unit readiness by automatically monitoring operation and visually indicating a malfunction in the charger, battery, transfer circuit or lamps — should they occur. Spectron models also help reduce maintenance costs by automatically initiating monthly test cycles that meet NFPA 101 testing requirements.



Suggested Specifications

1.01 Emergency Lighting Units

A. General Requirements

A1. Manufacturer guarantees that the illumination levels of the unit's lighting pattern along the path of egress will average 1 foot-candle in intensity in full compliance with NFPA 101 Life Safety Code.

B. Construction/Housing

- B1. Impact-resistant, high-temperature polycarbonate housing, lens and back plate
- B2. Standard bright white housing finish
- B3. Paintable housing
- B4. Dimensions: 11" (28cm) Wide x 3.5" (8.9cm) Deep x 8.5" (21.6cm) High

C. Lamps/Illumination

- C1. Unit lamps: 6-volt, 10-watt halogen G4, 2-pin base
- C2. Lamp life: 100 hours
- C3. Unit will illuminate an egress path (40-feet long and 3-feet wide)(30-feet long and 6-feet wide) when properly installed in environments with minimum established reflectance levels.
- C4. The unit may be easily field adjusted to provide either a 3-foot-wide or 6-foot-wide illumination path.

D. Mounting/Installation

- D1. A universal mounting plate allows installation to 3/2", 4" octagon, or 4" square outlet boxes as well as standard plaster rings.
- D2. The unit back plate affixes to the mounting plate by means of two, 6-32 machine screws.
- D3. The unit housing/lens assembly is designed to hinge and snap fit to the unit back plate for ease of assembly.

E. Operating Temperature Range

- E1. Sealed Lead-Acid Battery Models: 20°C to 30°C (68°F to 86°F)
- E2. Nickel-Cadmium Battery Models: 0°C to 40°C (32°F to 104°F)

F. Electronics

- F1. A universal transformer allows operation from 120 or 277VAC, 60 Hz sources.
- F2. Charger:
 - F2a. Lead-Acid Battery Models: Regulated voltage/current limited design
 - F2b. Nickel-Cadmium Battery Models: Constant current design
- F3. Electronic control circuitry includes AC lockout, transformer isolation and low battery voltage disconnect protection.
- F4. A manual test switch allows a user-activated test at any time.
- F5. An LED pilot light indicates the presence of utility power.

G. Battery

- G1. Maintenance-free, lead-acid or nickel-cadmium, depending on model

H. Power consumption (maximum)

- H1. 120 or 277VAC: 4.0 watts (all models)

I. Compliances

- I1. UL 924, UL Damp Location Listed (Nickel-Cadmium Models only), and NFPA 101

J. Operation

- J1. During normal operation, the unit's charging circuit will maintain the battery at full capacity.
- J2. Upon interruption of normal AC power, the unit shall automatically switch the emergency lighting lamps to the battery.
- J3. Emergency power will be provided for a minimum of 90 minutes.
- J4. Upon return of normal utility power, the unit shall begin a recharge cycle.
- J5. The charger will bring the battery to full capacity within acceptable UL time standards.

K. Warranty

- K1. Unit and Electronics: 1 year full
- K2. Battery:
 - K2a. Lead-Acid Models: 1 year full, 5 years pro-rata
 - K2b. Nickel-Cadmium Models: 1 year full, 9 years pro-rata

Product Selector

| Fixture Type | Model No. | Description |
|--------------|-------------------------------|---|
| | LSC | Lead-Acid Battery Model |
| | LSCN | Nickel-Cadmium Battery Model |
| | LSCI | Self-Testing/Self-Diagnostic Lead-Acid Battery Model |
| | LSCNI | Self-Testing/Self-Diagnostic Nickel-Cadmium Battery Model |
| (√) | Options (add suffix to model) | |
| | -24K | 220/240VAC, 60 Hz, operation |
| | -AA | Audible alarm ⁽¹⁾ |

(1) For use with LSC1 and LSCN1 self-testing/self-diagnostic models

Warranty

LiteScape Series emergency lighting units are warranted by the manufacturer, under normal and proper use, to be free from defects in material and workmanship according to the following schedule:

Unit And Electronics:

Standard and Nickel-Cadmium Models: 1 year full
Spectron Models: 5 years full

Battery:

Lead-Acid Models: 1 year full, 5 years pro-rata (6 years total)
Nickel-Cadmium Models: 1 year full, 9 years pro-rata (10 years total)

Spectron Model:

5 years full, 5 years pro-rata (10 years total) Correction of all defects shall be by replacement or repair (at Dual-Lite's option) and shall constitute fulfillment of all the manufacturer's obligations.

Dimensions

