OUTDOOR PATH OF EGRESS
In the event of failure of normal lighting, the NFPA 101 Life Safety Code calls for emergency illumination along an egress path leading to a public way, which many AHJ's interpret as including an outdoor path of egress. There are three groups of emergency lighting that can be used to accomplish this requirement: 1) luminaires with integral emergency power 2) luminaires that rely on external source of power or 3) luminaires or equipment that provide emergency power.

**LUMINAIRES WITH INTEGRAL EMERGENCY POWER**

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**LUMINAIRES THAT RELY ON EXTERNAL SOURCE OF POWER**

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**LUMINAIRES OR EQUIPMENT THAT PROVIDE EMERGENCY POWER**

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Luminaires with integral Emergency power

**SOLUTION 1: NORMALLY OFF**

**PG**
- Die-cast aluminum architectural sconce with LED lamps
- UL 924 listed for 90 minutes of emergency illumination
- Spectron® self-testing/self-diagnostics
- Dark Bronze, white, platinum silver or black finish

**SOLUTION 2: NORMALLY ON**

**RIDGELINE SERIES**
- Die-cast aluminum wall pack with tempered glass lens
- UL 924 listed for 90 minutes of emergency illumination
- 42W compact fluorescent lamp
- Dark bronze finish

**LAREDO**
- Full cut-off die-cast aluminum wallpack
- Integral battery backup option with florescent or LED Lamp
- Five standard finishes available

**VANDAL RESISTANT ROUND BOLLARD**
- VRB1 and VRB3 horizontal louvers provide 360° of down lighting
- Total lamp source cutoff above 90° horizontal
- Designed for courtyards and for 360° fixture viewing
- LED, compact fluorescent and HID light sources

**GEM**
- Die-cast aluminum or concrete bollard with a molded glass refractor
- Integral battery pack option with one 32W CFL lamp
- Available in several standard finishes or custom color
**WALL DIRECTOR**

Kim Lighting

- Full cut-off die-cast aluminum architectural wall sconce
- Integral battery pack option with one 42W CFL lamp
- Available in several standard finishes or custom color

**WALL COMMANDER**

Kim Lighting

- Full cut-off die-cast aluminum wall sconce
- Provides simultaneous up and down lighting
- Integral battery pack option with one 42W CFL
- Unique color up-ray accent option
- Available in several standard finishes or custom color

**ARCHITECTURAL WALLPACKS**

Hubbell Outdoor

- Full cut-off Trapezoid, Radius and Quarter Sphere wallpacks
- Integral battery pack option with one CFL lamp
- Five standard finishes available

**COMPACT ARCHITECTURAL WALLPACKS**

Hubbell Outdoor

- Compact-sized, full cut-off Trapezoid, Radius, and Quarter Sphere
- Integral battery pack option with one 42W CFL
- Dark Bronze finish only

**PARKWAY SQUARE**

Architectural Area Lighting

- Die-cast wall sconce in two scales for different mounting heights
- Integral battery pack option with one 24 CFL lamp
- Available in several standard finishes or custom color
Outdoor Path of Egress Solutions

**WALL FORMS SQUARE**
Kim Lighting
- Surface mounted, recessed concrete, and recessed hollow wall
- Compact fluorescent light sources with five optical configurations
- Die-cast low copper aluminum for longevity

**WALL FORMS ROUND**
Kim Lighting
- Four optical configurations for accent lighting applications
- Surface mounted, recessed concrete, and recessed hollow wall
- Molded, internal prisms or heat-treated smooth glass lens options

**LOW LEVEL FLOODLIGHTS**
Kim Lighting
- General area lighting, cutoff area lighting, and stairway lighting
- Compact fluorescent sources
- Battery Back-up emergency option available
• Bollard series matches Era Lantern luminaire collection
• Compact fluorescent light source
• High 95% reflectivity, precise light distributions
• Battery back-up options available for emergency illumination

ERA® LANTERN BOLLARD
Kim Lighting

• Optical louver system with a broad light distribution with low glare
• Clean, simple unobtrusive form
• All components are readily accessible for cleaning and replacement

B30 TRADITIONAL BOLLARD
Kim Lighting

• VRB1 horizontal louvers provide 360° of down-lighting
• Total lamp source cutoff above 90° horizontal
• Light walkways, entrances, courtyards, and landscaped areas
• Compact fluorescent light source

VANDAL RESISTANT SQUARE BOLLARDS
Kim Lighting

• Contemporary form with rugged vandal resistant construction
• SL1 and SL3 offer path lighting with full-cutoff optics
• One-piece extruded aluminum shafts for strength

SITE LIGHTFORMS
Kim Lighting
Luminaires that rely on External source of power

**SOLUTION 3: AC POWER**

**PGF1**
- Die-cast aluminum architectural sconce with LED lamps
- 7 long-life, high-output LEDs at 4300K
- Dark Bronze, white, platinum silver or black finish

**ARCHITECTURAL WALLPACKS**
- Full cut-off Trapezoid, Radius and Quarter Sphere wallpacks
- Optional DC bayonet base or 2-pin MR11/MR16 socket
- Five standard finishes available

**PARKWAY SQUARE**
- Die-cast wall sconce in two scales for different mounting heights
- Optional secondary MR16 aimable lamp
- Available in several standard finishes or custom color

**EGRESS POST TOP ADAPTOR**
- 360 degree field rotatable post top adapter
- Adds emergency light to an existing post-top luminaire
- Available in several standard, premium or custom finishes

**VENERE**
- Contemporary and traditional style sconces with optional full cutoff
- Six optical configurations with each including an egress beam spread
- Emergency lamp powered by remote capable unit

**SOLUTION 4: DC POWER**

**PGN**
- Die-cast aluminum architectural sconce with LED lamps
- UL 924 listed for 90 minutes of emergency illumination
- Dark Bronze, white, platinum silver or black finish
**SOLUTION 5: REMOTE HEADS**

- **EVO**
  - Dual-Lite®
  - Architecturally styled high performance LED remote
  - Accepts input from EV4 or EVC series only
  - Black or white finish

- **OCR**
  - Dual-Lite®
  - Die-cast aluminum lamp head with spun aluminum reflector
  - Accepts input from an external 6 or 12 volt DC emergency unit
  - 6V, 5W MR16 halogen lamps, or new 6-12V, 3W LED lamps
  - White, black or dark bronze finish

- **OMS**
  - Dual-Lite®
  - Aluminum sealed lamp head with round gasketed mounting plate
  - Accepts input from an external 6 or 12 volt DC emergency unit
  - 6V or 12V, 5.4 to 35W incandescent or halogen lamps
  - Black or white finish

- **PGR**
  - Dual-Lite®
  - Die-cast aluminum architectural LED remote
  - Accepts DC input from an external 6-12V DC unit
  - (4) 4000K LED lamps with built-in redundant circuitry
  - Dark Bronze, white, platinum silver or black finish
Luminaires or Equipment that provides emergency power

**SOLUTION 6: DC POWER**

**EV**
- Compact, architectural, thermoplastic emergency lighting unit
- UL 924 listed for 90 minutes of emergency illumination
- Remote capacity to run (2) EVO remote heads
- Long life-cycle Nickel Metal Hydride battery

**EVC**
- Thermoplastic combination LED exit sign and emergency unit
- UL 924 listed for 90 minutes of emergency illumination
- Remote capacity to run (2) or (4) EVO remote heads
- Long life-cycle Lithium Iron Phosphate battery

**HCX**
- Thermoplastic combination LED exit sign and emergency unit
- UL 924 listed for 90 minutes of emergency illumination
- Optional 12 watts of remote capacity
- Long life-cycle Nickel Cadmium battery

**LZ**
- Thermoplastic emergency unit with 15-65W remote capacity
- UL 924 listed for 90 minutes of emergency illumination
- Optional Spectron® self-testing/self-diagnostics
- White or black finish

**LM**
- Steel, high capacity emergency unit with 14-130W remote capacity
- UL 924 listed for 90 minutes of emergency illumination
- Optional Spectron® self-testing/self-diagnostics
- White finish

Outdoor Path of Egress Solutions
Dual-Lite® recognizes that every application is unique and requires its own emergency lighting solution. Whether you need luminaires with integral emergency power, luminaires that rely on an external source of power, or luminaires/equipment that provide emergency power, Dual-Lite® has your life safety needs covered. Dual-Lite® continues to build on its legacy of being the innovation leader by extending its solutions to outdoor applications.

**SOLUTION 7: AC POWER**

**DL3R**
- 875 or 1750VA single-phase UPS inverter in a NEMA 3R cabinet
- UL 924 listed to supply 90 minutes of emergency AC power
- Compatible with CFL, LFL, INC, HID, and LED lamps

**LITEGEAR**
- 100-250VA single-phase IPS inverter power system
- UL 924 listed to supply 90 minutes of emergency AC power
- Compatible with CFL, LFL, INC, and LED lamps

**SYNCHRON**
- 400-2100VA single-phase UPS central lighting inverter
- UL 924 listed to supply 90 minutes of emergency AC power
- Compatible with CFL, LFL, INC, HID, and LED lamps

**LSN**
- 1.0-17.5KVA single-phase UPS central lighting inverter
- UL 924 listed to supply 90 minutes of emergency AC power
- Compatible with CFL, LFL, INC, HID, and LED lamps

Outdoor Path of Egress Solutions
For more information on any of these products or the Hubbell Lighting, Inc. brands, visit:

www.hubbell-ltg.com
www.aal.net
www.Dual-Lite®.com
www.kimlighting.com
www.hubbelloutdoor.com