**Thermal Management**

The illustration shows the thermal effects of the LED and the heat dissipative qualities designed into the “eyeball”.

- Die-cast aluminum for thermal dissipation
- LED offers cool white lamp color providing maximum light coverage with no hot spots
- Acrylic lens provides optimal light transmission
- Fully aimable lamp-head

**Value**

**Trusted Brand**
- Extended product warranties
- Reduced maintenance costs
- Simplified installation

**Performance**

**Sophisticated LED Based Lamp-head**
- Offers 30% greater illumination than traditional incandescent lamps
- Indoor and Outdoor remotes offer superior light output
- Up to 83’ spacing
- Optional damp, remote capacity and Spectron® self-test/self-diagnostics
- Longer lasting battery technology

**Design**

**Ease of Installation and Maintenance**
- Easy, quick installation
- Fully aimable, thermally controlled lamp-heads
- Long life-cycle LEDs rated at 100,000 hours
- Premium battery types offer up to 30% greater life-cycle than lead acid

**Sustainability**

**Our Future**
- Up to 50% reduction in packing and plastic content
- Reduced input power requirements
- LED life-time warranty
- “Green” power sources

**Aesthetics**

**Sleek Architectural Styling**
- Integral LED lamp-heads
- Sleek, visually appealing
- Soft rounded contours and cloud-like appearance and robust construction
The EV family is a complete line of architectural products that not only provides exceptional emergency operation but will complement your space.

**EV**
- LED Emergency Light
  - Fully aimable optics providing up to 27’ spacing
  - High output LEDs provide uniform light patterns
  - Capacity for single or double remotes
  - “Green” Nickel Metal Hydride battery

**EVR**
- Recessed Ceiling-Mount Indoor LED
  - Up to 42’ spacing
  - Compact, low-profile design
  - Rectangular or round trim plate in white or black finish
  - 30% greater battery life and Lifetime LED Warranty

**EVHC**
- High Lumen LED Emergency Light
  - Designed for mounting heights from 9-20 feet
  - High lumen option exceeds 50W halogen lamp
  - Lithium Iron Phosphate battery offers 30% greater life
  - Lifetime warranty for LEDs

**EVC**
- LED Combination Exit/Emergency Light
  - Fully aimable, dual-ratcheting high output LED lamp-heads
  - No-head option for up to 4 LED remotes
  - Wall, ceiling or end mounting options
  - Long life-cycle Lithium Iron Phosphate battery

**EVE**
- LED Exit Sign
  - Architectural, cloud-like housing with thin profile
  - Long Life Nickel Metal Hydride battery
  - 10 year LED lifecycle
  - Universal wall, end or ceiling mount with canopy

**EVO**
- Outdoor LED Remote
  - Fully aimable single or double lamp-head
  - Can be located up to 50’ from external power source
  - Durable Die-Cast aluminum lamp housing and mounting plate

**EV4R**
- Recessed Ceiling-Mount Indoor LED
  - Up to 42’ spacing
  - Compact, low-profile design
  - Rectangular or round trim plate in white or black finish
  - 30% greater battery life and Lifetime LED Warranty

**EV4D-02WAL**
- Architectural LED Emergency Light
  - Optimized lighting pattern offering 50’ spacing at 75’ mounting height
  - High power LEDs offer 248 lumens per lamp
  - Adjustable lamp-heads optimize lighting pattern at various mounting heights
  - Environmentally friendly Nickel Metal Hydride Battery

**EV**
- LED Emergency Light
  - Fully aimable optics providing up to 27’ spacing
  - High output LEDs provide uniform light patterns
  - Capacity for single or double remotes
  - “Green” Nickel Metal Hydride battery

**EVO**
- Outdoor LED Remote
  - Fully aimable single or double lamp-head
  - Can be located up to 50’ from external power source
  - Durable Die-Cast aluminum lamp housing and mounting plate
EV4D-02WAL SERIES
Architectural LED Emergency Light

- Intelligent 2-wire input connection
- External PUSH TO TEST switch and AC ON indicator
- Battery recharge within 24 hours
- Designed for Wall Mount
- Low voltage disconnect
- Conduit entry knockout located at the top center
- Microprocessor controlled pulse charger

Special lens optimizes spacing to 50’ at a 7.5’ mounting height

Adjustable lamp-heads offer optimized light pattern for mounting from 7.5’ - 12’

Notes:
Meets Life Safety Code minimum illuminance of 0.1 fc and average illuminance of 1.0 fc.
 Assumes open space with no obstructions, wall mounting height shown in above table, ceiling mounting height shown in above table and reflectances of 80/50/20.
Photometry files available on the Dual-Lite web site (www.dual-lite.com).
EV4R SERIES
Recessed Ceiling-Mount Indoor LED

- Recessed to 0.20” reveal
- Low profile
- Architectural recessed ceiling mount, emergency light with superior emergency lighting coverage
- Flame-rated, UV stable thermoplastic housing
- Choice of round or rectangular trim-plate in white or black finish
- 4 LEDs housed within an aluminum heat-sink and adjustable optic assembly
- Individual LEDs are driven at 1 watt each for 88 lumens per LED
- UL924 damp location listed
- IC Rated

Steel back box includes caddy bar assembly
Powerful LED optical assembly
Includes rectangular or round trim plate
Adjustable lamp-head maximizes spacing

Notes:
Meets Life Safety Code minimum illuminance of 0.1 fc and average illuminance of 1.0 fc. Assumes open space with no obstructions, ceiling height of 9’ and reflectances of 80/50/20. Photometry files available on the Dual-Lite website (www.dual-lite.com).
EVHC SERIES
High Lumen LED Emergency Light

- Available with standard 346 lumen lamp
- High lumen option of 546 lumens per head
- Standard model offers 51" spacing on a 10' mounting height
- High lumen option offers 75"
- Fully Adjustable High-Output LED Lamps
- High impact, flame rated and UV stable thermoplastic housing
- Conduit entry from the top and both sides
- Flashing trouble code for "Battery Disconnect" or "Charger Fault" on Standard Model
- EasyID option includes battery compartment and highly visible fault code status panel with Self-Test/Self-Diagnostics
- Optional Battery Compartment
- Optional: Self-Test/Self-Diagnostics
- Optional: High Lumen- 6W Lamps
- Accessory: EVHCR2 Double Head Matching Remote
- Remote capacity models have a minimum run-time of 120 minutes when no remotes are installed

SINGLE UNIT COVERAGE
The below illustration provides an example of Side-to-Side or Forward Throw configurations.

<table>
<thead>
<tr>
<th>Wall Mounted (Single Unit Coverage - 1 FC Avg)</th>
<th>Commercial Parameters R=80/50/20</th>
</tr>
</thead>
<tbody>
<tr>
<td>EVHC12-06L</td>
<td>wCeiling Height 15'</td>
</tr>
<tr>
<td>EVHC12-06L</td>
<td>Max Spacing 6' Path 66'</td>
</tr>
</tbody>
</table>

The EVHC Series meets proposed California Energy Commission (CEC) requirements for limits on power consumption in maintenance mode with less than 0.5 watts.
The EV family is a complete line of architectural products configurable to provide emergency lighting for any space. Starting with exit signs to provide illuminated directions, offered with or without integrated emergency lights. Emergency lights provide excellent path illumination between exit signs and remotes can be powered by combo or units to provide light in hard to reach locations.