

EV LED  
COMBO

DUAL LITE

AUTHENTIC LIFE SAFETY PRODUCTS SINCE 1940



# Architectural LED Emergency Lighting

Aesthetics  
Design  
Performance  
Sustainability



**“The Evolution of Emergency Lighting”** continues with the most technologically advanced emergency lighting family on the market.

**Aesthetics | Sleek architectural styling**

- Integral LED lamp-heads
- Compact, blends into any environment
- Sleek, visually appealing design
- Soft rounded contours and cloud-like appearance
- Sturdy and robust construction

**Design | Ease of Installation and Maintenance**

- Easy, quick installation
- Fully aimable, thermally controlled lamp-heads
- EVC uses dual-ratcheting design for full range lamp-head positioning
- Long life-cycle LEDs rated at 100,000 hours
- Premium battery types offer up to 40% greater life-cycle than lead acid



**EVO LED COMBO**

**EVO REMOTE**



**EVO LED**



**Performance | Sophisticated LED based lamp-head**

- Offers 30% greater illumination than traditional incandescent lamps
- Indoor and Outdoor remotes offer superior light output, flexibility and cost savings
- LED's only require 1 Watt of input power with 20' spacing
- Optional damp, remote capacity and Spectron® self-test/self-diagnostics
- Easy and convenient push-to-test modes for ensured compliance

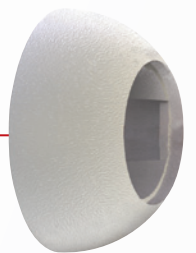
**Sustainability | Our Future**

- Up to 50% reduction in packing and plastic content
- Reduced input power requirements meet the strictest regulations
- “Green” power sources replace hazardous lead acid and Nickel Cadmium batteries
- LED life-time warranty minimizes maintenance and replacement parts waste

Fully aimable lamp-head



Die-cast aluminum for thermal dissipation



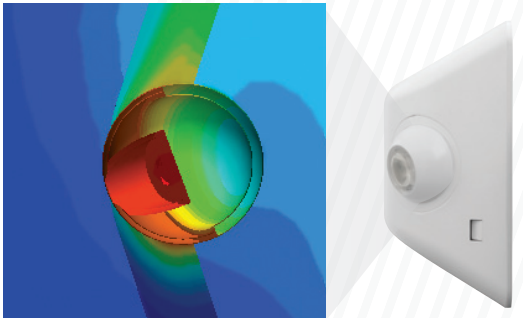
Acrylic lens provides optimal light transmission



LED offers cool white lamp color providing maximum light coverage with no hot spots

**THERMAL MANAGEMENT**

The illustration shows the thermal effects of the LED and the heat dissipative qualities designed into the “eyeball”. The red areas have the highest temperature while the green areas are virtually unaffected. This thermal image shows that the eyeball does not conduct any of the heat to the inside of the fixture, but that heat generated from the LED is carried equally around the die-cast aluminum heat-sink.

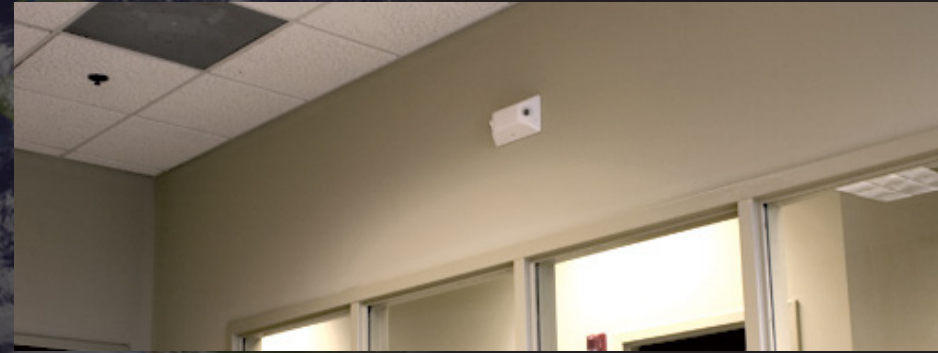




# EV LED COMBO

## Emergency Exit/Light

- Fully aimable, dual-ratcheting high output LED lamp-heads
- Bright and even EXIT panel illumination
- No-head option for up to 4 LED remotes
- Wall, ceiling or end mounting options
- Environmentally friendly, long life-cycle Lithium Iron Phosphate battery



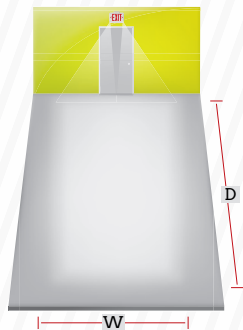
# EV LED

## Emergency Light

- Fully aimable optics providing up to 27' spacing
- High output LED's provide uniform light patterns
- "Third Hand" housing support strap for quick installation
  - Capacity for single or double remotes
- 50% less plastic than traditional remote units
  - "Green" Nickel Metal Hydride battery
  - Wall or ceiling mounting options
  - Redundant LED Operation
  - LED lifetime warranty



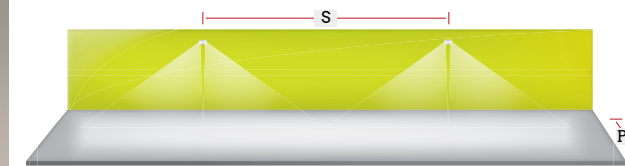
### SINGLE UNIT COVERAGE



1 fc Average		1 fc Minimum	
Depth (D)	Width (W)	Depth (D)	Width (W)
16'	10'	6'	10'



### MULTI-UNIT SPACING



1 fc Average		1 fc Minimum	
Path Width (PW)	Spacing (S)	Path Width (PW)	Spacing (S)
3'	27'	3'	14'
6'	20'	6'	10'

Meets Life Safety Code minimum illuminance of 0.1 fc and average illuminance of 1.0 fc. Assumes open space with no obstructions, mounting height of 7.5', ceiling height of 9' and reflectances of 80/50/20.



### Outdoor Remote



- Fully aimable single or double lamp-head
- Typically used over a door providing path of egress emergency light
- Utilizes a single 3 watt rated LED per lamp-head
- Can be located up to 50' from external power source
- Available in white or black corrosion resistant finish
- Durable die-cast aluminum lamp housing and mounting plate
- LED lifetime warranty



### Indoor Remote

- Fully aimable optics providing up to 27' spacing
- High output LED's provide uniform light patterns
- 50% less plastic than traditional remote units
  - Wall or ceiling mounting options
  - LED lifetime warranty



## "The Evolution of Emergency Lighting"



- Provides "Best in Class" performance for emergency lighting spacing and coverage
- Compact, sleek and blend well in any environment
- All-LED based Combo, Emergency Light and Remotes
- Competitively priced options: damp, remote capacity and Spectron® Self-Diagnostics
- Environmentally friendly, premium long-life batteries
- 5 year full coverage warranty with Spectron® Self-Diagnostics and Lifetime Warranty on LED's



EVC						
Series	Faces	Letter Color	Finish	Application	Self-Diagnostics	Options
	<b>U</b> Universal Face	<b>R</b> Red <b>G</b> Green	<b>W</b> White <b>B</b> Black <sup>7</sup>	<b>Blank</b> Standard Model <b>D4</b> 2 LED Remote Capacity <b>D</b> Damp Listed <sup>2</sup>	<b>Blank</b> No Self-Diagnostics <b>I</b> Spectron® Self-Diagnostics <sup>6</sup>	<b>-0</b> No Lamp-heads <sup>3</sup> <b>-FAP</b> Fire Alarm Panel <sup>1,5</sup> <b>-FM</b> Flasher Module <sup>1,5</sup> <b>-AF</b> Audible Flasher <sup>1,5</sup> <b>-24K</b> 220-240VAC 50,60Hz with Spectron® <sup>4</sup>

1 Can only be specified with Spectron® Self-Diagnostics and remote capacity  
 2 Damp Location Listed not available with EVCURW and EVCUGW base models, standard with all other models  
 3 No-head option only available on the EVC with remote capacity  
 4 -24K option only available with Spectron® Self-Diagnostic and remote capacity  
 5 FAP, FM or AF options may not be specified together  
 6 Spectron® Self-Diagnostics only available with damp  
 7 Black finish only available with damp option

NOTE: Remote Capacity option will only power the EVR2 and EVO remote fixtures.



EV				
Series	Capacity	Rating	Self-Diagnostics	Options
	<b>2</b> (2) 1W LED Heads <b>4</b> (4) 1W LED Heads <sup>1</sup>	<b>Blank</b> Standard Model <b>D</b> Damp Location Listed <sup>2</sup>	<b>Blank</b> No Self-Diagnostics <b>I</b> Spectron® Self-Diagnostics	<b>B</b> Black Finish <b>-24K</b> 220-240VAC 60Hz with Spectron® <sup>3</sup>

1 Capacity to run 2 head remote  
 2 EV2 available with or with-out damp listing, all other models include damp  
 3 -24K option only available with damp plus Spectron®

NOTE: Remote Capacity option will only power the EVR2 and EVO remote fixtures.



### REMOTE CAPACITY



EVR		
Series	Heads	Finish
	<b>2</b> (2) Integral LED lamp heads	<b>Blank</b> White <b>B</b> Black



EVO		
Series	Heads	Finish
	<b>S</b> Single <b>D</b> Double	<b>B</b> Black <b>W</b> White