

Emergency and Exit | EV Series

CAT#:	Job:	Type:
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Application

The EV Series is a compact architectural emergency lighting unit designed for fast wall mount installation and reliable service. The EV Series has a flame-rated, UV stable thermoplastic housing and a lightly textured white finish. Integral LED based lamp-heads are fully adjustable. Unit provides a full 90 minutes of emergency lighting. Includes micro-controlled pulse charger and nickel metal hydride (NiMH) battery. The EV accepts 120/277VAC input at 60 Hz and optional 220-240VAC input at 50-60 Hz with self-diagnostics option.



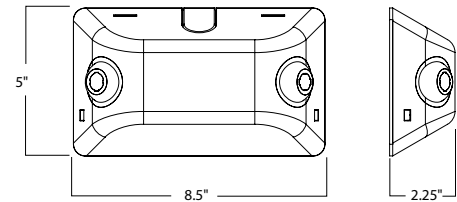
Patents Pending

Compliances

Listed to UL924 Standard, NFPA 101, NFPA 70
 Damp Location Listed Optional
 RoHS

Lamp Color: Cool White

Total Lamp Output: 1W, 88 Lumens per LED
 2W (optional), 145 Lumens per LED



Ordering Information

EV

Series	Capacity	Rating	Self-Diagnostics	Options
	2 1W LED heads 4 2W LED heads ⁴ OR 1W LED w/ remote cap. ¹	Blank Standard Model D Damp Location Listed ²	Blank No Self-Diagnostics I Spectron® Self-Diagnostics	B Black Finish -24K 220-240VAC 60Hz with Spectron® ³ -02L 2 watt LED heads ⁵

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®

⁴ Not capable of running remote heads

⁵ Can only be run from EV4 model

NOTE: Remote Capacity Option will only power the EVR2 and EVO remotes

Accessories

EVR2	2 LED Remote
EVO	2 LED Outdoor Remote
EVR2B	2 LED Remote with Black Finish
WGLZ	Wire Guard - 6 ¼"H x 14"L x 4"D
VRS3	Vandal Resistant Shield - 11 ½"H x 15 ½"L x 4 ½"D

	AC Voltage	Hz.	Amps.	Watts	Power Factor
EV2 EV2D	120	60	0.015	1.10	0.61
	240	60	0.009	1.43	0.62
	277	60	0.008	1.45	0.62
EV4D	120	60	0.022	2.00	0.73
	240	60	0.015	2.51	0.65
	277	60	0.014	2.75	0.63

The EV Series meets proposed California Energy Commission(CEC) requirements for limits on power consumption in maintenance mode with less than 0.5 watts.

EVR

Architectural LED Emergency Light

The EVR LED remote offers compact architectural design which matches the EV LED unit in size and performance. The use of a EVR2 remote doubles the multiple unit spacing, cuts down on AC wiring requirements and can be installed up to 50' from the EV unit. The EVR LED remote accepts DC input from an EV emergency light or EVC-D4 combo with remote capacity. The EVR2 is illuminated by 2 LED lamp-heads which are fully adjustable. The housing is made of UV stable thermoplastic with a light texture. The EVR matches the EV unit and EVC combo in color and texture. Available in White or Black finish. The EVR remote can be wall or ceiling mounted by use of a molded-in template and wired through the back-plate or conduit entry.

Input Power Requirements

4.8 Vdc at 2 watts provided from the EV4D emergency light or EVC-D4 combo with remote capacity

Specific LED information

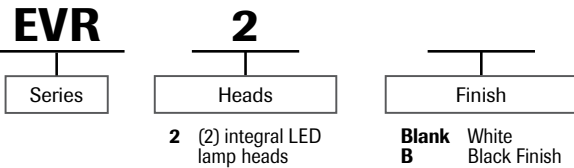
Lamp Color: Cool White
 Total Lamp Output: 88 Lumens per LED
 System Efficacy: 80lm/W
 Rated LED Lamplife: Greater than 100,000 hrs.



Patents Pending

Caution: The EVR2 remote can only accept input power from the EV4D or EVC-D4 with remote capacity. The EVR2 will not work with any other emergency units.

Ordering Information



EVO

Outdoor LED Remote

The EVO outdoor LED remote is a single or double head LED based remote which accepts DC input from an EV emergency light or EVC-D4 combo with remote capacity. The EVO is best utilized as an over the door path of egress light for emergency operation. The EVO uses a single 3 watt rated LED per lamp-head and can be located up to 50' from the external power source. Available in white or black corrosion resistant finish. Lamp housing and mounting plate are made of durable die-cast aluminum.

Input Power Requirements

4.8Vdc at 1 watt per head provided exclusively from an EV4D emergency light or EVC-D4 combo with remote capacity

Specific LED information

Lamp Color: Cool White
 Total Lamp Output: 88 Lumens per head
 System Efficacy: 80 Lumens per LED
 Rated LED Lamplife: Greater than 100,000 hrs.



Caution: The EVO remote can only accept input power from the EV4D emergency light or EVC-D4 combo. The EVO will not work with any other emergency units.

Ordering Information

