



EASY ID™

HIGH LUMEN LED EMERGENCY LIGHT



Superior Light Output



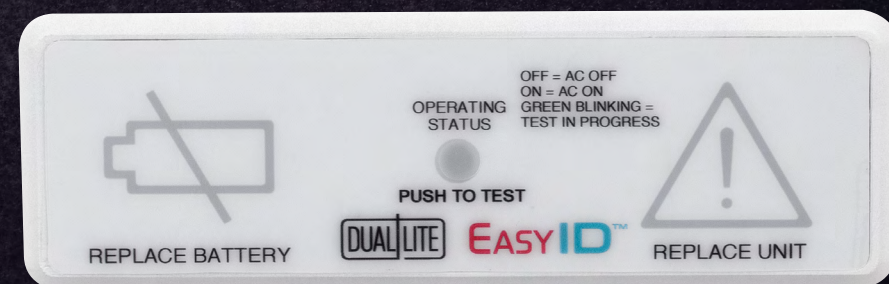
High Lumen LED Emergency Light

- LED life-time warranty
- Easy, quick installation
- Optional Battery Compartment for ease of maintenance
- Low profile, architectural design
- Fully adjustable, integrated lamp-heads
- Custom designed non-yellowing lens
- UL924 compliant to meet derangement signal

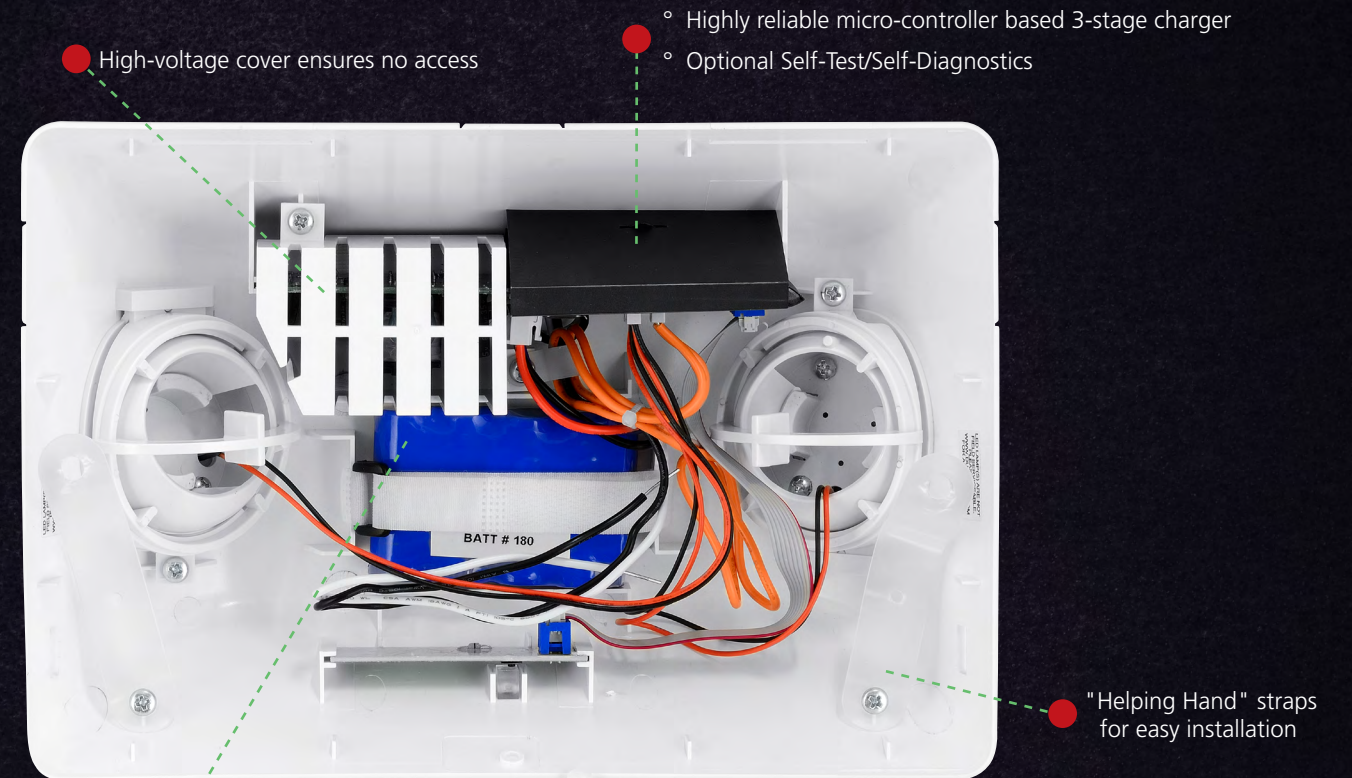


*Optional EVHC with battery compartment and Easy ID Status panel shown
Patents Pending

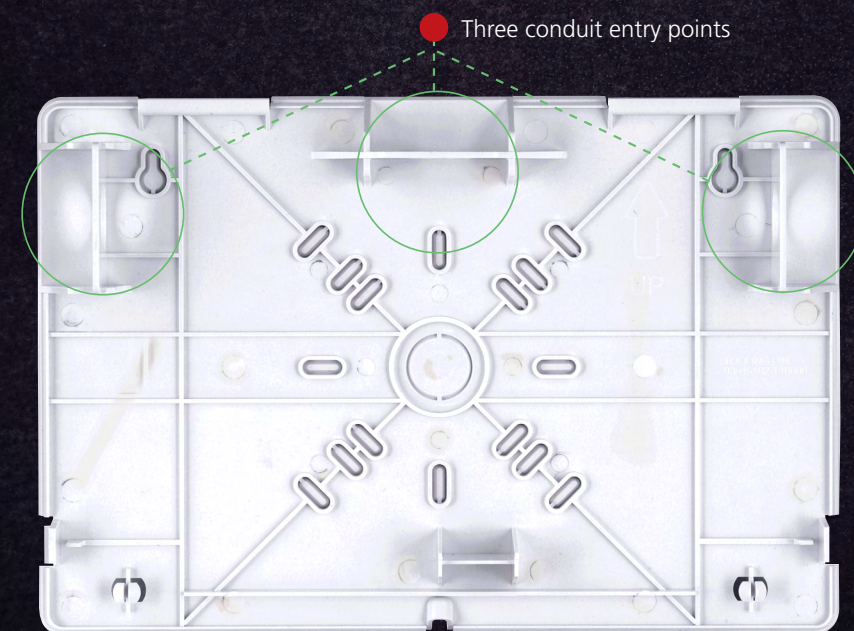
The EasyID option includes a battery compartment and highly visual alert system to communicate two failure modes which consist of “Replace Battery” or “Replace Unit”. The system works in conjunction with the Spectron Self-Test/Self-Diagnostic functionality. If the battery is disconnected or in need of replacement, a highly visible REPLACE BATTERY icon will illuminate. Any other malfunction will illuminate the REPLACE UNIT icon. When the unit is in a serviceable condition, neither of the failure modes are illuminated and the green LED is On



Feature Rich Design

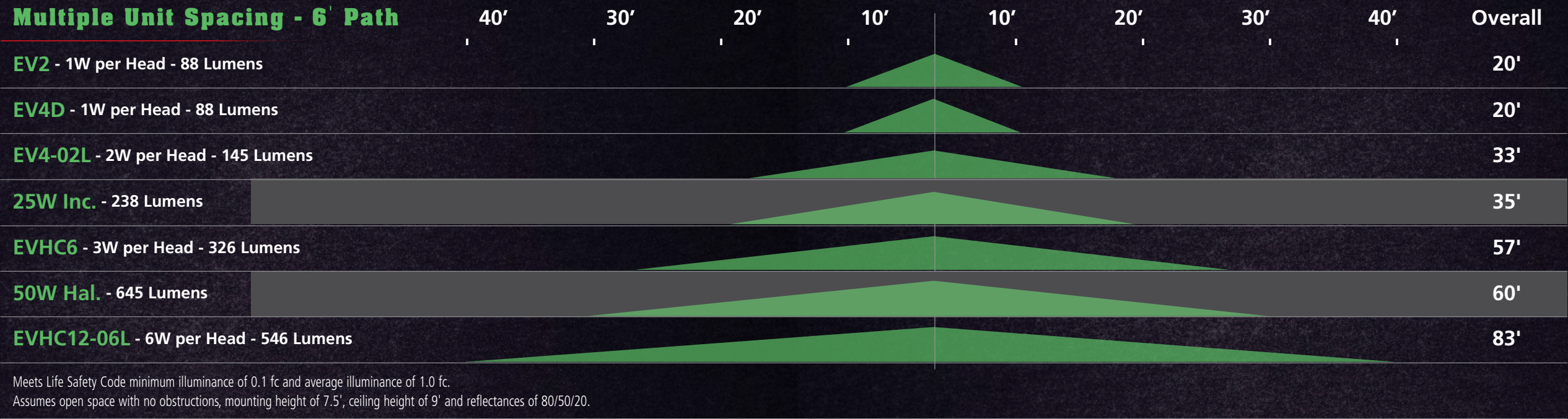


- Lithium Iron Phosphate battery with life-cycle of 5-7 years
- EVHC12 High power model available with remote capacity



Dual-Lite achieves this superior spacing by optimizing the drive current to the LED, with the capacity of the battery, and selecting a lens to maximize the spacing at several different mounting heights. This affords the versatility in application from 7-20’ mounting heights, on the wall or ceiling.

The following chart illustrates the performance criteria for the EV Family units including the EVHC versus the older PAR36 based lamps (shaded lines). This chart shows the graduated performance increases based on the lumen output and lens used to focus the light. The EV4D-02L offers performance very close to a 25 watt Incandescent lamp while only using 2 watts. The EVHC6 spacing is close to the 50 watt halogen while the performance for the EVHC12-06L offers significantly higher spacing at 83’ on a 6’ pathway.



EVHC6, EVHC12-06L



EV2, EV4D EV4D-02L

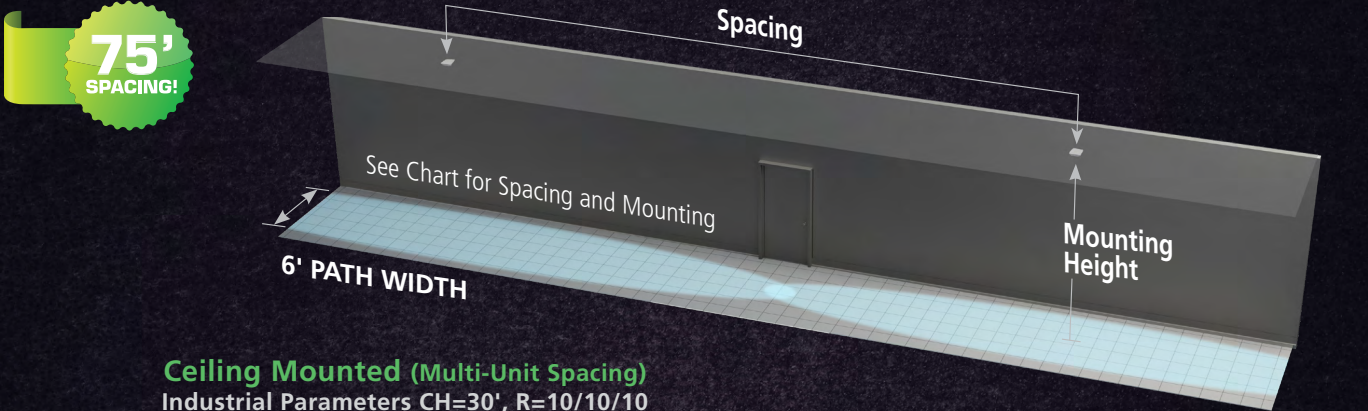
Ceiling and Wall Mounting Options



APPLICATIONS

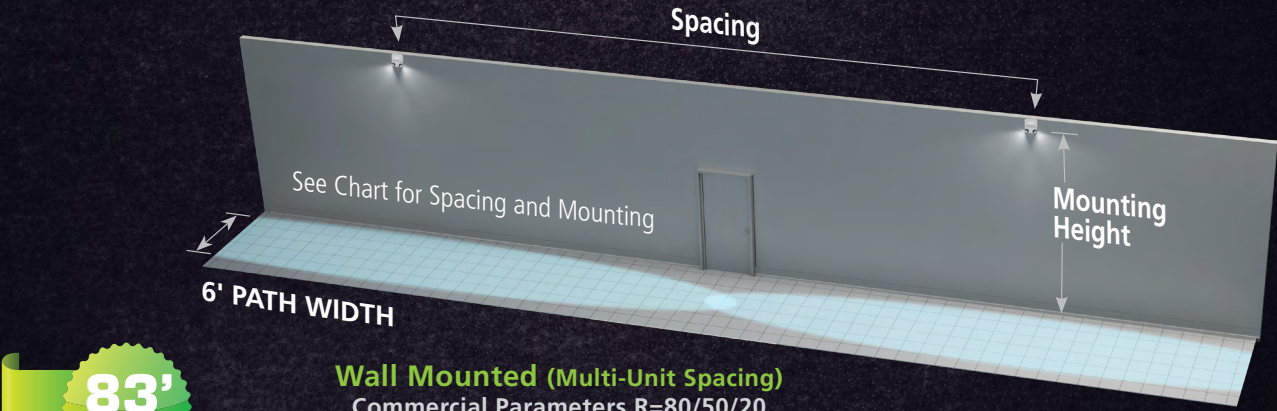
MULTI-UNIT COVERAGE

In an effort to make the application of the EVHC easier, we have defined various mounting heights and the resulting multiple unit spacing for the standard EVHC6 and the high power EVHC12-06L. This chart contains references for industrial reflectance in the ceiling mounted configuration based on 1 foot-candle average, or 1 foot-candle minimum. This assumes the EVHC is mounted horizontally from a truss or pendant. Note the results are for mounting heights from 10'-20'.



Ceiling Mounted (Multi-Unit Spacing)
Industrial Parameters CH=30', R=10/10/10

EVHC12-06L						EVHC6						Mounting Height
20'	18'	16'	14'	12'	10'	20'	18'	16'	14'	12'	10'	Max Spacing @ 1 FC Avg
62'	65'	67'	70'	72'	75'	40'	42'	44'	47'	49'	51'	Max Spacing @ 1 FC Min
35'	33'	32'	31'	29'	27'	26'	25'	24'	23'	22'	20'	



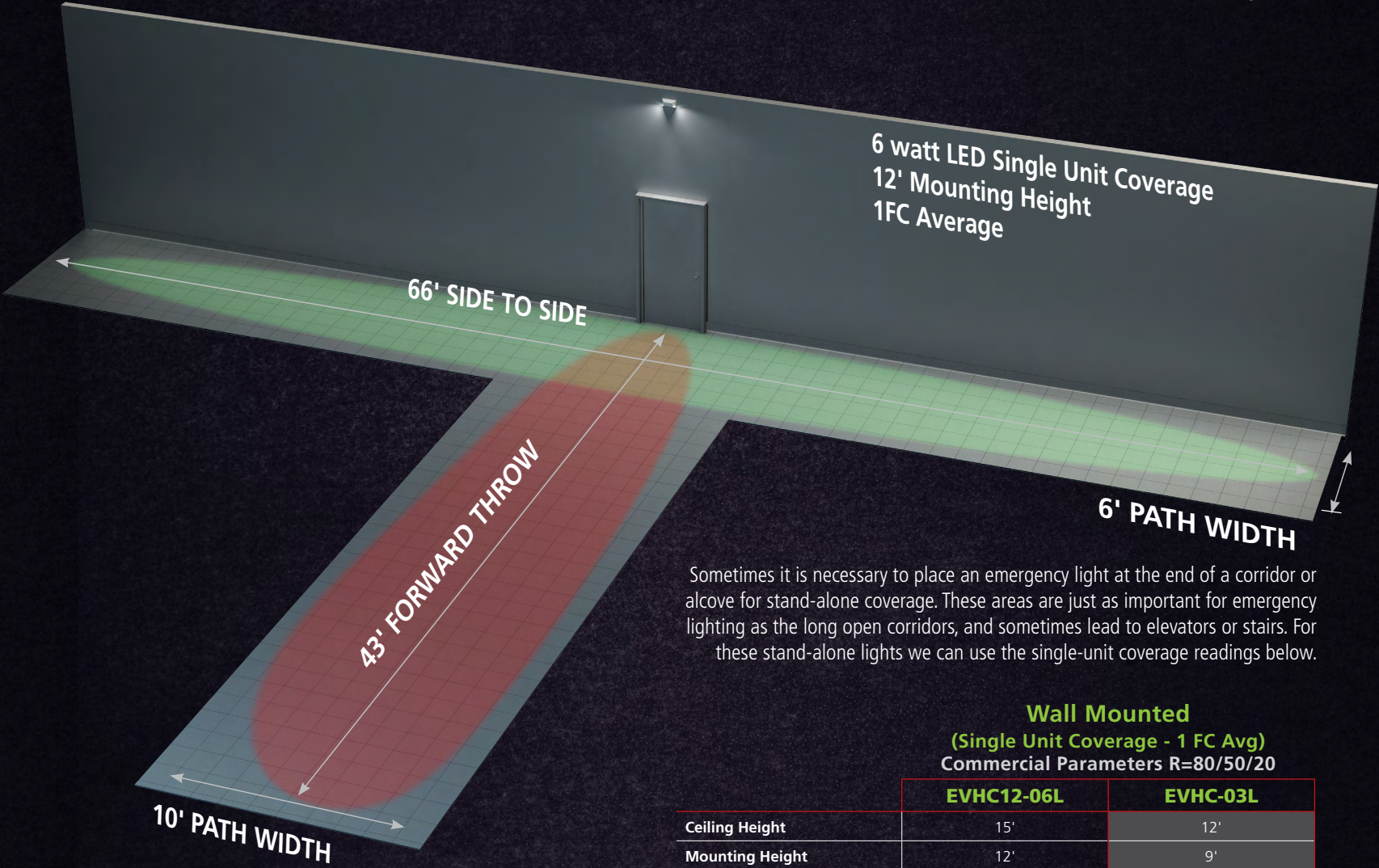
Wall Mounted (Multi-Unit Spacing)
Commercial Parameters R=80/50/20

	EVHC12-06L				EVHC6			
Ceiling Height	15'	13'	12'	9'	15'	13'	12'	9'
Mounting Height	12'	10'	9'	7.5'	12'	10'	9'	7.5'
Max Spacing @ 1 FC Avg	78'	79'	80'	83'	56'	56'	57'	57'
Max Spacing @ 1 FC Min	35'	34'	34'	34'	26'	24'	23'	23'

The above chart shows the results for wall mounting the standard and high power EVHC with multiple ceiling and mounting heights. Note the **83' spacing at a 9' mounting height** on a 6' pathway. This is an incredible result which can greatly reduce the overall numbers of fixtures required.

SINGLE-UNIT COVERAGE

The below illustration provides an example of **Side-to-Side** or **Forward Throw** configurations.



Sometimes it is necessary to place an emergency light at the end of a corridor or alcove for stand-alone coverage. These areas are just as important for emergency lighting as the long open corridors, and sometimes lead to elevators or stairs. For these stand-alone lights we can use the single-unit coverage readings below.

Wall Mounted
(Single Unit Coverage - 1 FC Avg)
Commercial Parameters R=80/50/20

	EVHC12-06L	EVHC-03L
Ceiling Height	15'	12'
Mounting Height	12'	9'
Max Spacing 6' Path	66'	48'
Max Forward Throw 10' Path	43'	34'

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



ALERA LIGHTING

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COMPASS

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