

# APERION APL2

## Fixed Recessed LED Emergency Light

Aperion APL2 delivers high-performance emergency lighting in a sleek, compact, and concealed design. Its bright LEDs, matched with a custom refractive lens, optimizes light distribution and uniformity along the path of egress. Equipped with long-life, high-output, solid-state LEDs and the included Self-Test / Self-Diagnostics, Aperion combines exceptional illumination with reliable, maintenance-free operation.



### CONSTRUCTION

- Rotating door is just 4" square
- Unique non-contact magnetic door positioning ensures accurate and reliable opening and closing
- Patented unidirectional deflecting drive band operation provides limited mechanical movement ensuring trouble free operation
- Quality die-cast zinc frame and door, finished in durable textured white powder coat. Can be field painted or wall papered to further blend with the architecture
- Universal, wall or ceiling mount, compact 3" deep, 20 ga. steel recessed housing.
- Type IC listed, ideal for wall and plenum applications
- Fully adjustable mounting hardware suits virtually all mounting applications
- Soft-close door prevents early lamp failure and movement due to slamming
- Self-adjusting frame trim and door assembly are spring latched with no unsightly external mounting hardware
- Damp location listed as standard for 10°C to 40°C
- Modular assembly and quick connector wiring provide for fast installation and ease of maintenance

### ELECTRICAL

- AC only units were designed to be used with central power systems (inverters, generators, etc.) 120 or 277 VAC field selectable input
- AC only units can be configured to operate on presence of emergency power or with a switched signal
- Environmentally friendly, maintenance free Nickel Metal Hydride batteries provide UL 924 90 minute run time
- Solid state microprocessor controlled circuitry also includes line latch, brownout protection and reverse polarity protection
- Self-Test / Self-Diagnostics is standard, ensuring reliability and code conformance

- Optional hand-held remote transmitter available to run discharge testing for 30 seconds or 90 minutes from up to 50' away
- Field selectable 120 or 277 VAC 60 Hz input. (Consult factory for other input voltages)

### ILLUMINATION

- Three 3-watt white LEDs provide 561 absolute lumens on an adjustable light-bar providing up to 55' spacing on center
- Custom designed refractor lens provides optimum light distribution
- LED color temperature is 5000k
- Soft-start lamp circuit ensures optimum lamp life
- Bright white LED lamps provide uniform illumination, long lamp life, and reliability

### CERTIFICATION

- CSA Canadian Listed and meets CSA 22.2 No. 141-10
- New York City Approved Calendar #48850
- Tested, approved and listed by Underwriters Laboratories Inc. to UL 924, meets NFPA 101 Life Safety Code, NFPA 70- NEC, and OSHA requirements
- California Title 20 compliant
- US Patent #7,654,710
- Buy American Act compliant

### WARRANTY

- 5 year limited warranty- view complete warranty terms online at [www.evenlite.com/terms-warranty](http://www.evenlite.com/terms-warranty).

## ORDERING GUIDE

APL2-WH-UI

MODEL	HOUSING COLOR	MOUNTING	OPTIONS	ORDERING NOTES
<b>APL2</b> Aperion Recessed Emergency Light	<b>WH</b> White <b>BK</b> Black	<b>UI</b> Back Box and Fixture Shipped Complete <b>UP</b> Back Box Pre-Shipped	<b>CP</b> Chicago Plenum Listed <b>DD</b> Defeat Monthly Self Test <b>TD</b> 15-minute Retransfer Delay <b>TLRT</b> Infrared Remote Retransfer Transmitter <sup>2</sup>	<ol style="list-style-type: none"> <li>For use with central power systems or general remote use only</li> <li>Order separately (typically only 1 or 2 are required per site)</li> </ol>
<b>APL2-AC</b> 120 or 277 VAC model (Without Battery) <sup>1</sup>	<b>CC</b> Custom Color (Specify)			

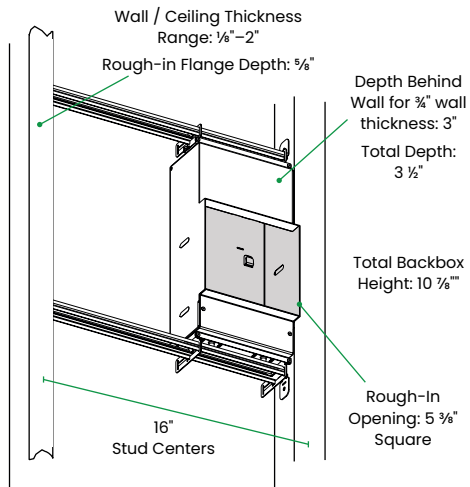
Fill in fields from categories above and complete type and part number.

Type No:

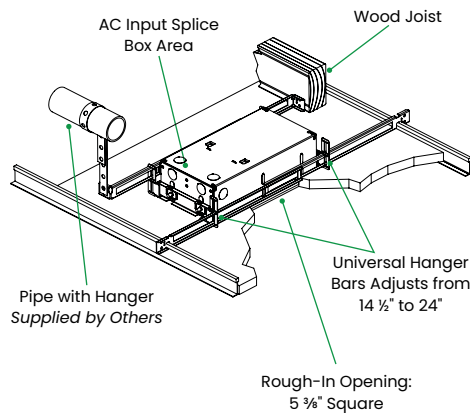
Full Part No:

## DIMENSIONS & MOUNTING DATA

### RECESSED WALL MOUNT



### RECESSED CEILING MOUNT

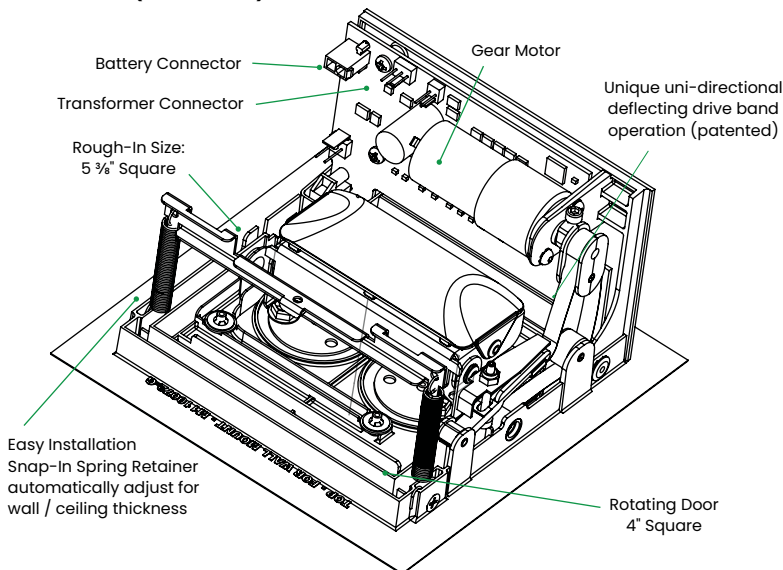


## ELECTRICAL CHARACTERISTICS

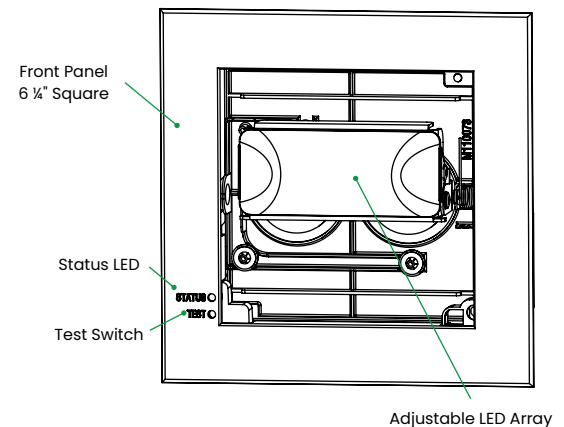
MODEL	VOLTAGE	WATTAGE	AMPS
APL2	120VAC	10	0.1
	277VAC	10	0.1
APL2-AC	Backup Input 120VAC	18	0.2
	Backup Input 277VAC	18	0.1
	UTIL Input 120VAC	2	0.1
	UTIL Input 277VAC	2	0.1

## ADDITIONAL DIAGRAMS

### LAMP HEAD (REAR VIEW)



### INSTALLED VIEW (EMERGENCY MODE)



## SPACING GUIDE

### WALL MOUNT - ENCLOSED CORRIDOR

Room Dimensions: 200' x 6' x Ceiling Height  
 Reflectance: 80% (Ceiling) | 50% (Wall) | 20% (Floor)  
 Path of Egress: 6' Wide

MOUNTING HEIGHT	CEILING HEIGHT	SPACING CENTER TO CENTER	ROTATION	NFPA 101 REQUIREMENTS		
				AVERAGE ≥ 1.0 Fc	MINIMUM ≥ 0.1 Fc	MAXIMUM / MINIMUM ≤ 40:1
7.5'	9'	51'	-	1.01 Fc	0.26 Fc	12.27 Fc
9'	11'	44'	-	1.02 Fc	0.49 Fc	4.63 Fc
10'	12'	41'	-	1.02 Fc	0.63 Fc	3.06 Fc
12'	14'	34'	-	1.02 Fc	0.79 Fc	1.87 Fc
14'	16'	27'	-	1.01 Fc	0.79 Fc	1.59 Fc

### WALL MOUNT - OPEN ROOM MAXIMUM

Room Dimensions: 200' x 30' High Mounting Wall  
 Reflectance: 0% (Ceiling) | 50% (Wall) | 20% (Floor)  
 Path of Egress: 6' Wide

MOUNTING HEIGHT	CEILING HEIGHT	SPACING CENTER TO CENTER	ROTATION	NFPA 101 REQUIREMENTS		
				AVERAGE ≥ 1.0 Fc	MINIMUM ≥ 0.1 Fc	MAXIMUM / MINIMUM ≤ 40:1
7.5'	-	39'	-	1.01 Fc	0.36 Fc	7.72 Fc
9'	-	33'	-	1.02 Fc	0.65 Fc	3.05 Fc
10'	-	29'	-	1.03 Fc	0.73 Fc	2.27 Fc
12'	-	22'	-	1.00 Fc	0.70 Fc	1.93 Fc
14'	-	12'	-	1.01 Fc	0.89 Fc	1.26 Fc

### CEILING MOUNT - ENCLOSED CORRIDOR

Room Dimensions: 200' x 15' x Ceiling Height  
 Reflectance: 80% (Ceiling) | 50% (Wall) | 20% (Floor)  
 Path of Egress: 6' Wide

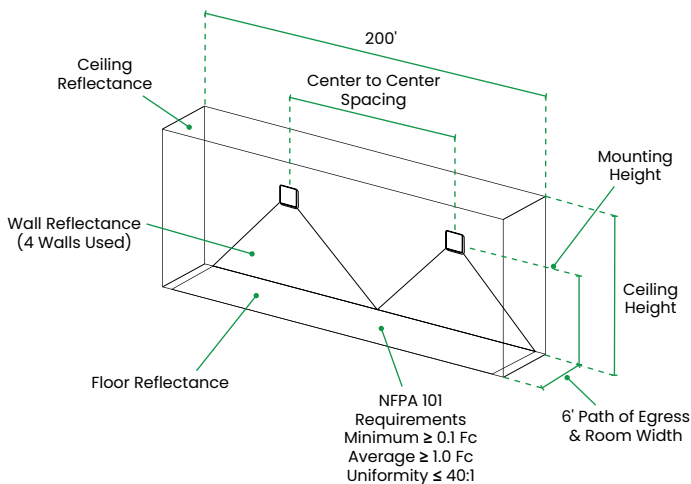
MOUNTING HEIGHT	CEILING HEIGHT	SPACING CENTER TO CENTER	ROTATION	NFPA 101 REQUIREMENTS		
				AVERAGE ≥ 1.0 Fc	MINIMUM ≥ 0.1 Fc	MAXIMUM / MINIMUM ≤ 40:1
7.5'	7.5'	56'	-	1.00 Fc	0.17 Fc	19.12 Fc
9'	9'	49'	-	1.00 Fc	0.37 Fc	6.57 Fc
10'	10'	45'	-	1.00 Fc	0.48 Fc	4.23 Fc
12'	12'	36'	-	1.02 Fc	0.79 Fc	1.92 Fc
14'	14'	29'	-	1.01 Fc	0.81 Fc	1.57 Fc

### CEILING MOUNT - OPEN ROOM MAXIMUM

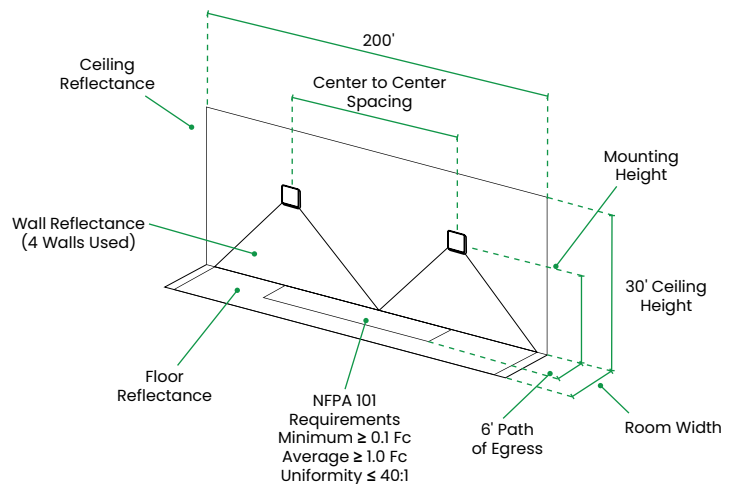
Room Dimensions: 200' x 30' High Mounting Wall  
 Reflectance: 0% (Ceiling) | 50% (Wall) | 20% (Floor)  
 Path of Egress: 6' Wide

MOUNTING HEIGHT	CEILING HEIGHT	SPACING CENTER TO CENTER	ROTATION	NFPA 101 REQUIREMENTS		
				AVERAGE ≥ 1.0 Fc	MINIMUM ≥ 0.1 Fc	MAXIMUM / MINIMUM ≤ 40:1
7.5'	-	44'	-	1.00 Fc	0.33 Fc	8.24 Fc
9'	-	37'	-	1.01 Fc	0.56 Fc	3.45 Fc
10'	-	33'	-	1.02 Fc	0.74 Fc	2.22 Fc
12'	-	25'	-	1.02 Fc	0.80 Fc	1.64 Fc
14'	-	15'	-	1.02 Fc	0.88 Fc	1.36 Fc

## ENCLOSED CORRIDOR



## OPEN ROOM



**ADDITIONAL IMAGES**



**INSTALLED VIEW**  
*Normal Mode*



**INSTALLED VIEW**  
*Emergency Mode*



**TLRT**  
*Infrared Remote Testing Transmitter*