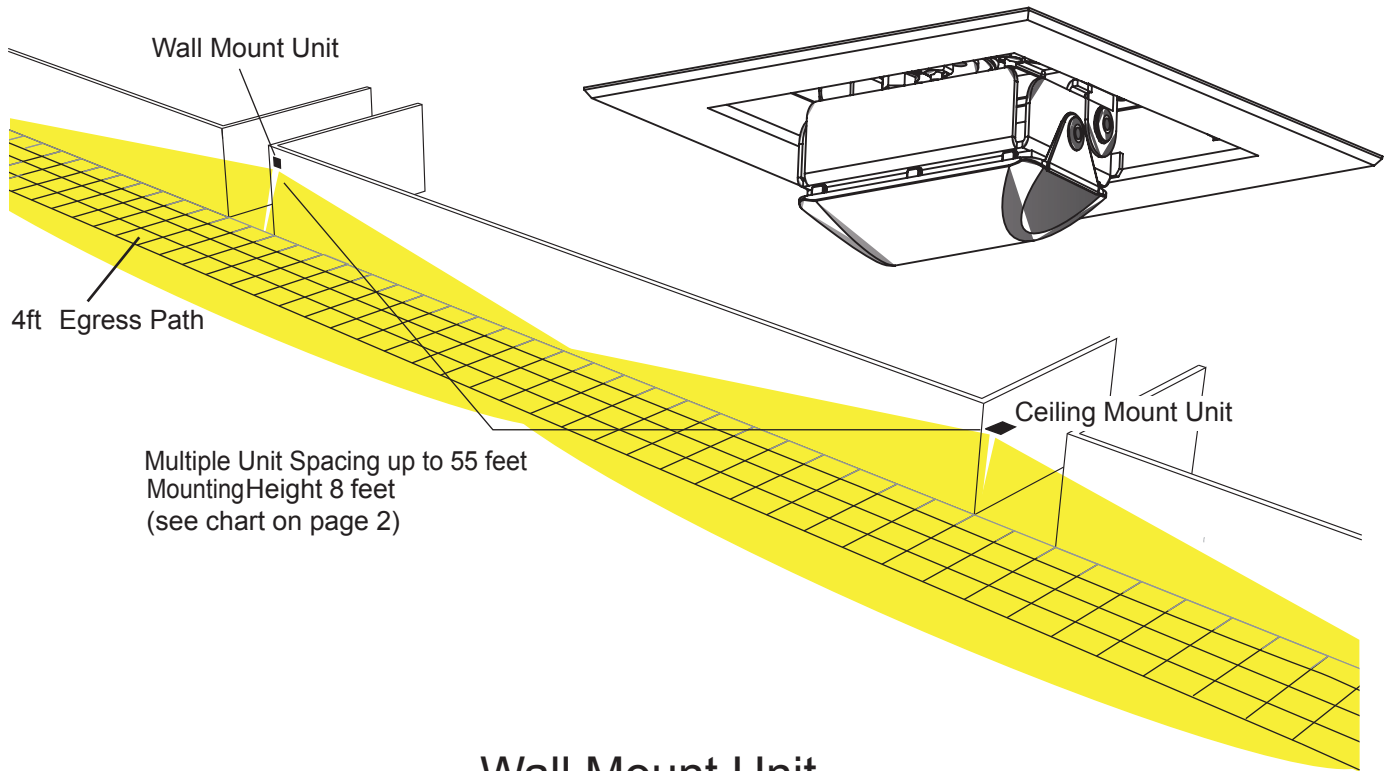


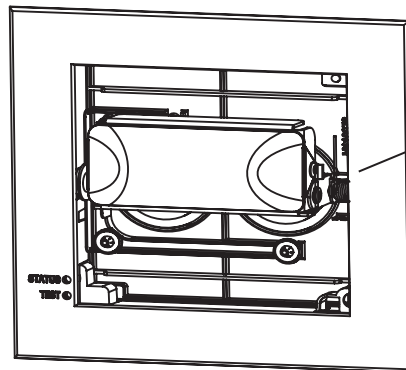
# APERION LED – Emergency Lighting Applications Guide

## Architectural Recessed

### Ceiling and Wall Mount Applications



### Wall Mount Unit



LED array bar is adjustable to 70°

Compliance with the Life Safety Code NFPA 101, Section 7.9.2.1 requires even illumination, over a specified area of 1fc average with a minimum illumination of 0.1fc at any point with a ratio of not more than 40 to 1.

To meet this requirement Aperion uses three RoHS compliant long life, high brightness white led's to provide significant area coverage in a small package. A custom designed precision refractor provides even coverage over a wide area.

US Patent #7,654,710

# Aperion LED Retracted Recessed Emergency Light

Recommended center to center unit spacing Aperion LED Lamps

Wall Mount - Corridor Lighting			
Ceiling Height	Luminaire Mounting Height	4' Path Luminaire Spacing	6' Path Luminaire Spacing
9'	7'	55'	52.5'
10'	8'	50'	50'
12'	10'	45'	40'
14'	12'	35'	35'
16'	14'	30'	30'

Wall Mount - 200' x 200' Open Room			
Ceiling Height	Luminaire Mounting Height	4' Path Luminaire Spacing	6' Path Luminaire Spacing
9'	7'	50'	47.5'
10'	8'	42.5'	42.5'
12'	10'	35'	35'
14'	12'	27.5'	27.5'
16'	14'	22.5'	22.5'

Ceiling Mount - Corridor Lighting			
Ceiling Height	Luminaire Mounting Height	4' Path Luminaire Spacing	6' Path Luminaire Spacing
8'	8'	55'	52.5'
9'	9'	50'	47.5'
10'	10'	45'	45'
12'	12'	35'	35'
14'	14"	30'	30'

Ceiling Mount - 200' x 200' Open Room			
Ceiling Height	Luminaire Mounting Height	4' Path Luminaire Spacing	6' Path Luminaire Spacing
8'	8'	42.5'	42.5'
9'	9'	37.5'	37.5'
10'	10'	32.5'	32.5'
12'	12'	27.5'	27.5'
14'	14'	20'	20'

- Tables and Photometrics independently tested and compiled by ITL Boulder Testing Laboratories for Evenlite LED Aperion.
- Recommended spacings based on requirements for meeting the Life Safety Standard minimum illuminance of 0.1 fc and average illuminance of 1.0 fc. Assumes reflectance factors of 80/50/20 over 4 ft or 6 ft path of egress.
- Note: Recommended spacings calculated from laboratory data taken under controlled conditions in accordance with I.E.S. approved methods. Actual performance results will vary due to field conditions.
- I.E.S. data is available from Evenlite Inc.

