RAR Series

Remote recessed architectural fixture

Construction

- Thermoplastic rectangular fixture with additional round trim-plate, white finish
- All-metal backbox enclosure
- Fixed optics, optimized light distribution for ceiling heights up to 12 ft.
- Four high-intensity LED with redundant connections; 140 lm/W, 5000K

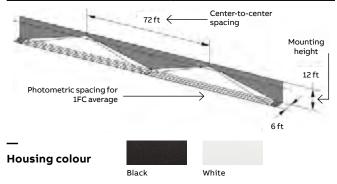
Options

- Plenum-rated enclosure
- Black thermoplastic decorative trim-plates
- Fixed, square distribution pattern

Photometry performance

The **RAR Series** has a fixed lighting distribution, optimized by design for ceiling heights up to 12 ft. Along an office corridor the space coverage ranges from 68 to 80 feet. The square distribution pattern option covers a surface of more than 700 square feet.

Table A: Standard unit 6-ft wide corridor ¹		
Mounting height	Spacing center-to-center	
9 ft	68 ft	
10 ft	80 ft	
12 ft	72 ft	



Mounting

- Easily spring mounted in sheetrock ceiling
- Recessed installation in T-bar suspended ceilings

Electronics

- AC model compatible with Emergi-Lite® mini inverters
- DC model available with Emergi-Lite® 6-24 battery units

Approvals

- Listed UL-924 for damp locations: 50° to 104°F (10° to 40°C)
- Listed NSF, splash non-food zone

Warranty

 Unit has a five-year limited warranty Detailed warranty terms located online at: www.emergi-lite.com/usa/files/EL_Warranty.pdf



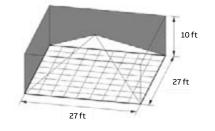
Power consumption and unit rating

Input (VAC)	Input current (A)	Input power (W)	Power factor	
AC				
120	0.060			
240	0.030	7.0	0.95	
277	0.025			

Input voltage (VDC)	Input power (W)
DC	
6-24	6.5

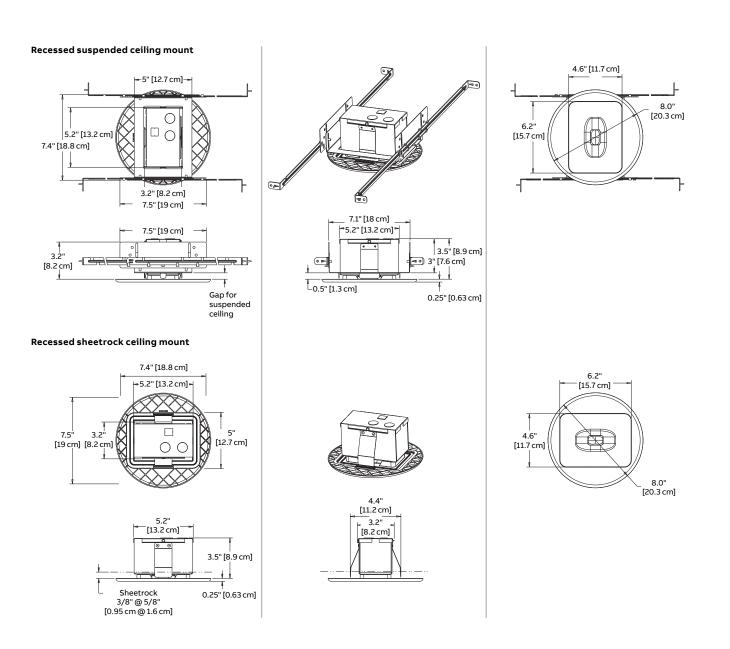
Table B: Option "square distribution pattern" – single unit coverage ¹			
Mounting height	Room size	Room surface	
10 ft	27 ft x 27 ft	729 square feet	

¹Note: Illumination levels as per the Life Safety Code (NFPA 101): Average 1 fc, Minimum 0.1 fc, Max-to-min ratio 40:1. Typical reflectance levels of walls/ceiling/floor: 80/50/20.



Dimensions

Dimensions are approximate and subject to change.



How to order

Color	Series	Input voltage	Options
B = Black	RAR= Recessed architectural	AC= 120 to 277VAC, 50/60Hz	Blank= No options
W= Factory white	remote fixture	DC = 6 to 24VDC	P= Plenum/type IC rated
			SQ = Square distribution pattern

Example: WRARDCP