

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
- High power factor rating making it compatible with central systems

Options

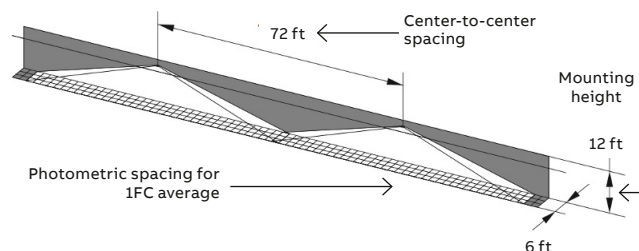
- Plenum-rated enclosure
- Black thermoplastic decorative trim-plates
- Fixed, square distribution pattern

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 62 to 80 feet. The square distribution pattern option covers a surface of 729 square feet.

Table A: Standard unit 6-ft wide corridor¹

Mounting height	Lumens	Spacing center-to-center
8 ft	680	62 ft
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
- NSF listed for splash/non-food zone applications

Warranty

- Detailed warranty terms located online at:
www.emergi-lite.com/usa/files/EL_Warranty.pdf



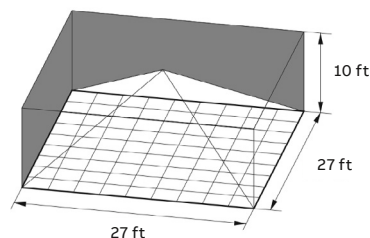
Electrical ratings

Model	V	Hz	A	W	P.F.
AC	120-277VAC	50/60	0.06-0.035	7.3-9.2	≥0.9
DC	6-24VDC	N/A	1.09-0.33	6.50-7.25	N/A

Table B: Option "square distribution pattern" – single unit coverage¹

Mounting height	Lumens	Room size	Room surface
10 ft	717	27 ft x 27 ft	729 square feet

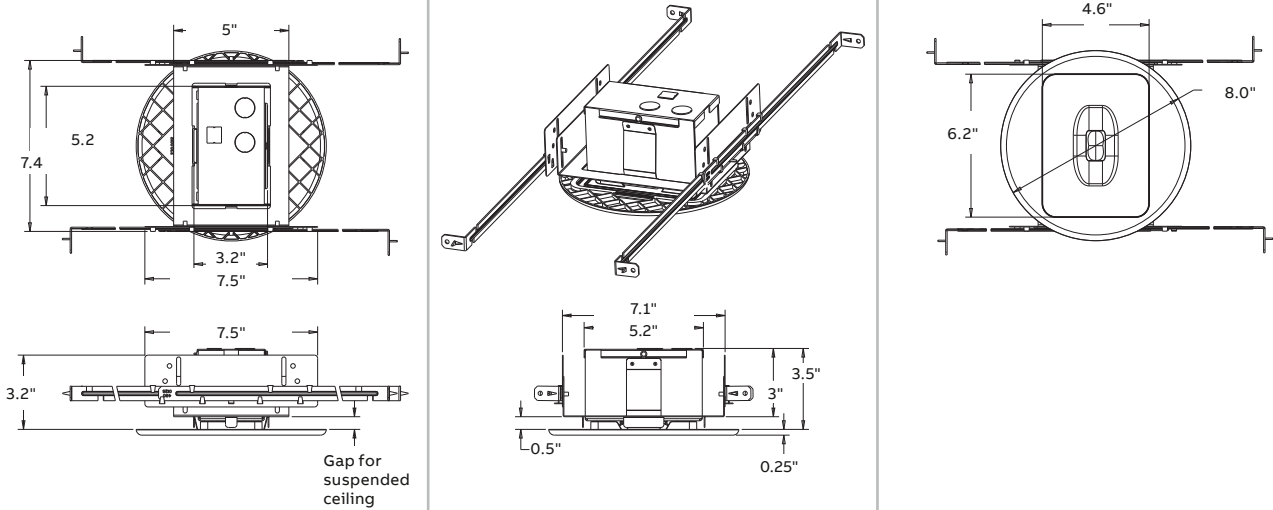
¹Note: Illumination levels as per the Life Safety Code (NFPA 101):
Average 1 fc, Minimum 0.1 fc, Max-to-min ratio 40:1.
Typical reflectance levels of walls/ceiling/floor: 80/50/20.



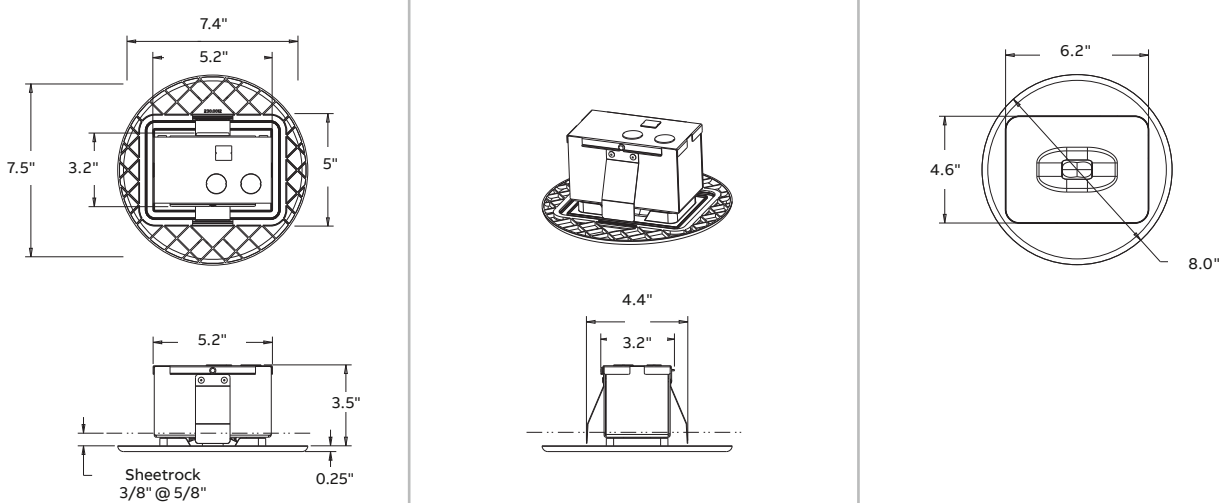
Dimensions

Dimensions are approximate and subject to change.

Recessed suspended ceiling mount



Recessed sheetrock ceiling mount



How to order

Color	Series	Input voltage	Options
B= Black W= Factory white	RAR= Recessed architectural remote fixture	AC= 120 to 277VAC, 50/60Hz DC= 6 to 24VDC	Blank= Corridor lighting pattern P= Plenum/type IC rated ¹ SQ= Square distribution pattern

Example: WRARDCP

¹Available with corridor or square lighting pattern