



**CENTRAL
INDUSTRIES**

ALUMINUM REFLECTOR COMPACT FLUORESCENT PAR LAMPS

PERFECT FOR TRACK AND RECESSED FIXTURES

HIGH PERFORMANCE

Service Guaranteed aluminum reflector CFL PAR lamps provide the bright light of halogen while saving energy, and reducing maintenance and HVAC costs.

LAMP PERFORMANCE

- Direct replacement for halogen PAR lamps
- Excellent color rendering of 82 CRI
- 95% lumen maintenance
- Instant re-strike unlike integrated metal halide PAR lamps
- Approved for I/C-rated recessed fixtures
- Hard glass stippled lens diffuses light for a smoother beam pattern
- No pinholes, silver degradation or hot spots characteristic of glass PAR lamps

REDUCED COST OF OWNERSHIP

- 75% energy savings
- Last 4 times longer than standard halogen PAR lamps, reducing maintenance and HVAC costs

AVAILABLE IN A VARIETY OF COLOR TEMPERATURES TO SUIT ANY ENVIRONMENT

- 3000K and 5000K
- PAR 30 Long Neck and PAR 38 shapes

Call 800-304-8484 or FAX 800-932-1222

Central Industries, Inc.

Specializing in Long-Life, Energy-Saving Lighting Products

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Aluminum Reflector Compact Fluorescent Lamps

Watts	Base	Order Number	Code Abbreviation	Master Pack	Avg. Rated Hours	Kelvin	CRI	Lumens	MOL
15	Medium	60664	15CFLPAR30/LN/30/AR	50	8000	3000	82	670	4½"
15	Medium	60667	15CFLPAR30/LN/50/AR	50	8000	5000	82	670	4½"
23	Medium	60665	23CFLPAR38/30/AR	20	8000	3000	82	1200	5½"
23	Medium	60668	23CFLPAR38/50/AR	20	8000	5000	82	1200	5½"

General Information

Ballast Recommendations

CFL lamps have an integral electronic ballast and cannot be used with dimmers or emergency exit lights. Before using compact fluorescent lamps with electronic timers or photocells, determine whether the device is compatible with electronic compact fluorescent lamps. If used with incompatible devices, lamps will fail prematurely.

Ambient Temperature

The operating range for CFL's is -10F to 140F. Outdoor use requires enclosed fixture.

Lumens

Initial lumens are measured on a reference ballast in laboratory conditions after 100 hours of operation.

Watts

Actual wattage depends on the lighting fixture and application environment. Watts shown for CFL's are system watts and include the ballast wattage.

Lamp Dimensions

Dimensions shown are maximum overall lengths from top to bottom, including screw base CFL's.

Color Temperature

The lighted appearance of a lamp is defined by its color temperature, expressed in Kelvins or CIE color coordinates. "Cool" sources have a white to blue-white lighted appearance and a color temperature of 4000K or higher. "Warm" sources have a red-yellow lighted appearance and a color temperature of 3000K or lower.

Color Rendering Index (CRI)

CRI is a measure of how accurately colors are portrayed by a light source. CRI rates light sources on a scale of 0 to 100. Fluorescent lamps have a wide range of CRIs. Lamps with good (70-80 CRI) and excellent (80+ CRI) color rendering are considered "superior quality" because color is represented more accurately and the light level is perceived to be higher.

Average Rated Hours

Lamps are designed to deliver their published Average Rated Hours when operated continuously, at suitable line voltage and ambient temperatures and with a proper ballast and fixture that meet ANSI standards.