

## Mini-PAR Halogen Adjustables in 4" Apertures

### Features

#### Lamp / Socket Assembly

- Designed for:
  - RR30433: 75 watt (max.) PAR 16 tungsten halogen lamp (by others). Also will accommodate PAR 20 / R20 lamps.
  - RR30434: 75 watt (max.) PAR 30 tungsten halogen lamp (by others).
- Rated 2000-2500 hour life; 100 CRI.
- Dimmable (controls by others).
- Swivels, tilts and locks; 360° by 45°. Both tilt and swivel are locking.
- Glazed porcelain medium base socket.

#### Reflector

- Self-flanged parabolic specular Alzak® aluminum.
- Eleven optional self-flanged colors and finishes available. See Options.

#### Housing

- Acrylic enameled 100% aluminum.
- Rustproof: Exceeds 1000 hour ASTM 5% salt spray test.
- Cool: Dissipates heat across entire surface area.

- Entire luminaire visible and serviceable from below through removable reflector.
- Built-in plaster frame.

#### Outlet Box

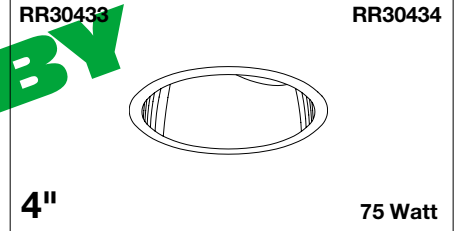
- Prewired 14GA (NEC) galvanized steel.
- UL listed. With removable insulated cover.
- 1/2" and 3/4" knockouts.

#### Installation

- 27" galvanized hanger bars supplied (2).
- Fully adjustable universal galvanized mounting brackets supplied (2). Accepts 3/4" or 1-1/4" fathens channel or 1/2" T.S. conduit.
- Recesses indoor or outdoor in covered ceilings.

#### UL, C-UL (Canada) Listings

- Wet, damp or dry locations, covered ceilings.
- Through-branch circuit conductors (6 #12 AWG, 90°C).



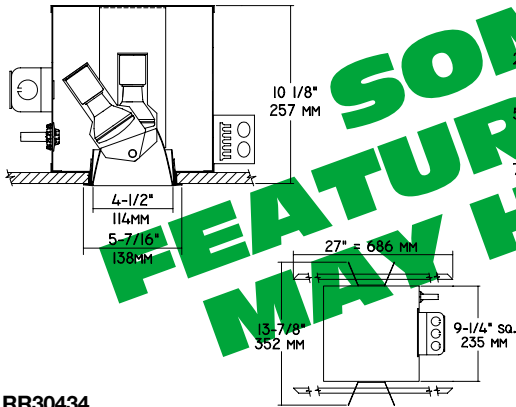
**Church and Retail Lighting**  
**Highlighting Restaurant, Office**  
**11 Optional Reflector Finishes**

#### Three Year Limited Warranty

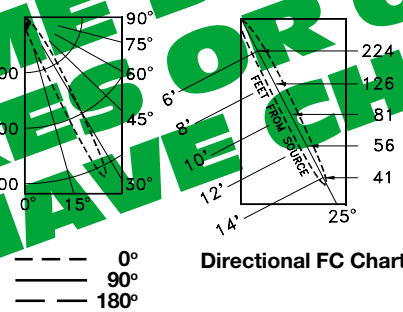
- Complete standard fixture.
- Thermal Protection (Per Current NEC)**
- Thermal protector included which provides automatic cut-off if rated temperature is exceeded. (Insulation related)

### Performance at a Glance

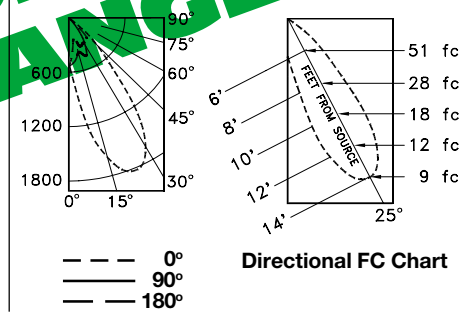
RR30433



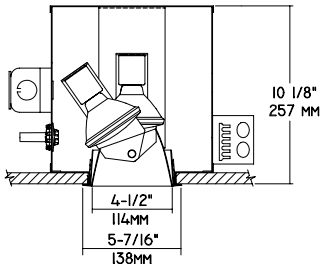
RR30433 (75W Narrow Spot Shown)



RR30433 (75W Narrow Flood Shown)

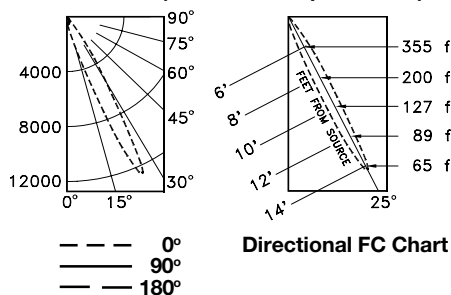


RR30434

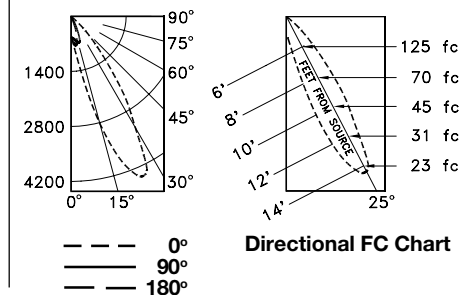


PHOTOMETRIC DATA SHOWN AT 25° TILT

RR30434 (75W Narrow Spot Shown)



RR30434 (75W Narrow Flood Shown)



## THE KIRLIN COMPANY

3401 EAST JEFFERSON AVENUE • DETROIT, MICHIGAN 48207-4232  
(313) 259-6400 • Fax: (313) 259-9409 OR (313) 259-3121

### NEW MILLENNIUM

TUNGSTEN HALOGEN and INCANDESCENT LIGHTING

LAMP

PAR 16/20  
PAR 30

MAXIMUM WATTAGE

75  
75

CATALOG NUMBERS

RR30433  
RR30434

Detailed Photometry - Installed Fixture

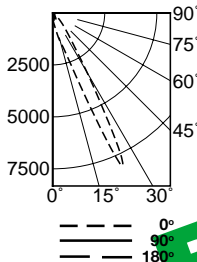
FROM I.T.L. (BOULDER, CO)

RR30433 (75W NSP): TEST #46946  
RR30433 (50W NSP): TEST #46948  
RR30434 (75W NSP): TEST #46950

RR30433 (75W NFL): TEST #46945  
RR30433 (50W NFL): TEST #46947  
RR30434 (75W NFL): TEST #46949

LIMITED WARRANTY: CATALOGUED KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR THREE YEARS FROM DATE OF PURCHASE. INSTALLATION, ETC., IS NORMAL USE. Manufacturer at this option will replace or repair such fixture or refund the purchase price on presentation of proof of purchase and defective fixture at the offices of manufacturer within three years of original shipment. Liability of manufacturer is limited to the foregoing, and manufacturer shall not be liable for any other damages, direct or indirect, sustained or suffered by purchaser or any person. This warranty is supplied from the manufacturer and shall not be altered by the retailer or contractor. Seller does not warrant as to merchantability or fitness for a particular use, nor, military or other use. Abnormal use, abuse of fixture, improper installation, or repair, or modification of the fixture without prior written authorization from the manufacturer will void the warranty.

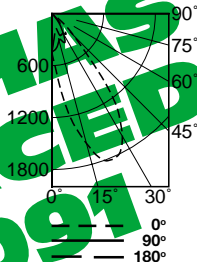
RR30433 75W NSP Efficiency = 95.3%



CANDLEPOWER DISTRIBUTION table with columns for beam diameter (0.0, 45.0, 90.0, 135.0, 180.0) and rows for distance (0, 5, 15, 25, 35, 45, 55, 65, 75, 85, 90).

COEFFICIENTS OF UTILIZATION table with columns for beam diameter (80, 20) and rows for distance (70, 50, 30, 10).

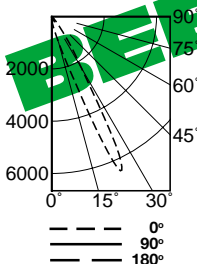
RR30433 75W NFL Efficiency = 96.1%



CANDLEPOWER DISTRIBUTION table with columns for beam diameter (0.0, 45.0, 90.0, 135.0, 180.0) and rows for distance (0, 5, 15, 25, 35, 45, 55, 65, 75, 85, 90).

COEFFICIENTS OF UTILIZATION table with columns for beam diameter (80, 20) and rows for distance (70, 50, 30, 10).

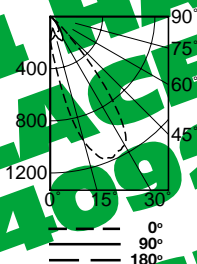
RR30433 50W NSP Efficiency = 96.7%



CANDLEPOWER DISTRIBUTION table with columns for beam diameter (0.0, 45.0, 90.0, 135.0, 180.0) and rows for distance (0, 5, 15, 25, 35, 45, 55, 65, 75, 85, 90).

COEFFICIENTS OF UTILIZATION table with columns for beam diameter (80, 20) and rows for distance (70, 50, 30, 10).

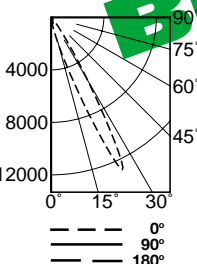
RR30433 50W NFL Efficiency = 96.2%



CANDLEPOWER DISTRIBUTION table with columns for beam diameter (0.0, 45.0, 90.0, 135.0, 180.0) and rows for distance (0, 5, 15, 25, 35, 45, 55, 65, 75, 85, 90).

COEFFICIENTS OF UTILIZATION table with columns for beam diameter (80, 20) and rows for distance (70, 50, 30, 10).

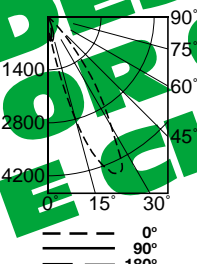
RR30434 75W NSP Efficiency = 78.8%



CANDLEPOWER DISTRIBUTION table with columns for beam diameter (0.0, 45.0, 90.0, 135.0, 180.0) and rows for distance (0, 5, 15, 25, 35, 45, 55, 65, 75, 85, 90).

COEFFICIENTS OF UTILIZATION table with columns for beam diameter (80, 20) and rows for distance (70, 50, 30, 10).

RR30434 75W NFL Efficiency = 80.2%



CANDLEPOWER DISTRIBUTION table with columns for beam diameter (0.0, 45.0, 90.0, 135.0, 180.0) and rows for distance (0, 5, 15, 25, 35, 45, 55, 65, 75, 85, 90).

COEFFICIENTS OF UTILIZATION table with columns for beam diameter (80, 20) and rows for distance (70, 50, 30, 10).

Estimated Multipliers

- 16 Champagne Gold Alzak: CP x .98
-30 White: CP x .98
-63 Dune Alzak: CP x .97
-69 Wheat Alzak: CP x .97
-70 SofTex Clear: CP x .98
-71 SofTex Dune: CP x .95
-72 Black Alzak: CP x .80
-90 SofTex Champagne Gold: CP x .96
-91 SofTex Wheat: CP x .95
-93 Pewter Alzak: CP x .95
-OG Black OptiGroove: CP x .82

Options

- 16 Champagne Gold specular Alzak self-flanged reflector. (CP x .98)
-30 All white reflector, self-flanged. (CP x .98)
-31 White flange (only) on self-flanged reflector.
-32 Trim extender. Broadens trim flange O.D. by 1" to cover larger ceiling opening.
-45 Gasket above reflector flange.
-58 277/120V stepdown transformer for 277 volt line input, prewired into fixture.
-63 Dune specular Alzak self-flanged reflector. (CP x .97)
-69 Wheat specular Alzak self-flanged reflector. (CP x .97)
-70 SofTex Clear softly etched self-flanged reflector. Resists smudges. (CP x .98)
-71 SofTex Dune softly etched self-flanged reflector. Resists smudges. (CP x .95)
-72 Black specular Alzak self-flanged reflector. (CP x .80)
-90 SofTex Champagne Gold softly etched self-flanged reflector. (CP x .96)
-91 SofTex Wheat softly etched self-flanged reflector. (CP x .95)
-93 Pewter specular Alzak self-flanged reflector. (CP x .95)
-94 Specular or SofTex custom color / finish reflector, self-flanged. Consult factory.
-99 Special modification. Consult factory.
-LP With lamp. Specify wattage, beam spread, style (PAR 16, 20, 30; R20) and color temperature.
-OG OptiGroove black seamless tapered aluminum reflector. White trim, self-flanged. (CP x .82)

SUBMITTAL DATA

APPROVAL STAMP

JOB NAME
TYPE
WATTAGE VOLTAGE
CATALOG NUMBER