

Mini-PAR Sparkling Halogen Downlights in 4" Apertures

Features

Lamp / Socket

- Designed for:
 - RR30424: 75 watt (max.) PAR 16 tungsten halogen lamp (by others). Also will accommodate PAR 20 / R20 lamps.
 - RR30425: 75 watt (max.) PAR 30 tungsten halogen lamp (by others).
- Rated 2000-2500 hour life; 100 CRI.
- Dimmable (controls by others).
- 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. Also see Option -79

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" lathiers 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)


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)

RR30424
RR30425



4"

75 Watt

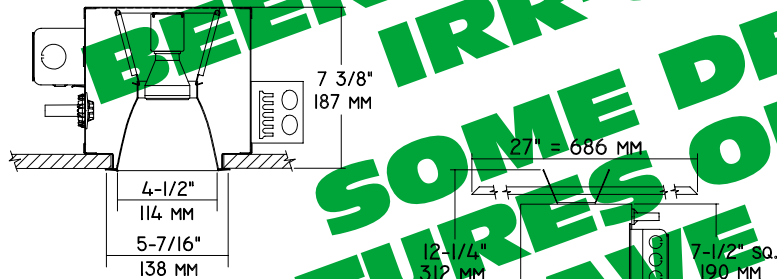
Designed for PAR 16, PAR 20 and PAR 30 Sources

Exceptional Efficiencies for Restaurant, Residential and Retail Applications

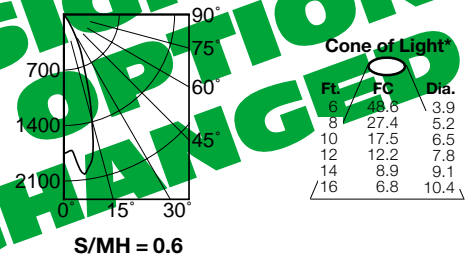
11 Optional Reflector Finishes

Performance at a Glance

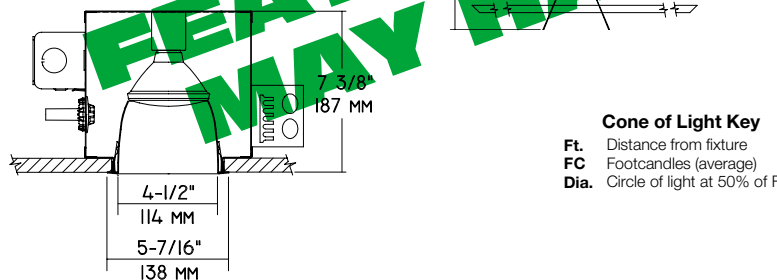
RR30424



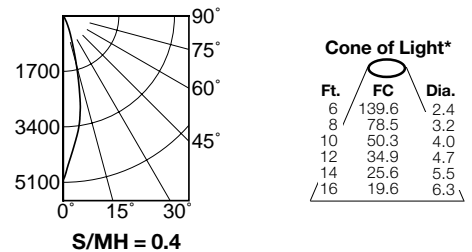
RR30424 (75W Narrow Flood Shown)



RR30425



RR30425 (75W Narrow Flood Shown)



Cone of Light Key
Ft. Distance from fixture
FC Footcandles (average)
Dia. Circle of light at 50% of FC

* Dia. (in. ft.) shown is where FC value is half the FC at nadir.

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

RR30424
 RR30425

RR30424

RR30425 RECESSED ROUND: 75 WATT (MAX.) PAR 16/20 and 30 TUNGSTEN HALOGEN DOWNLIGHTS

KIRLIN

Detailed Photometry - Installed Fixture

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

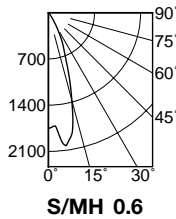
RR30424 (75W NFL): ITL TEST NUMBER 46929

RR30424 (50W NFL): ITL TEST NUMBER 46930

RR30425 (75W NFL): ITL TEST NUMBER 46931

RR30424

75 WATT NARROW FLOOD



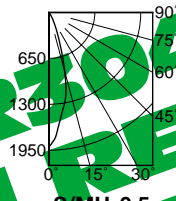
EFFICIENCY = 94.4%

CANDLEPOWER DISTRIBUTION table with columns for beam diameter (0.0, 22.5, 45.0, 67.5, 90.0) and rows for beam diameter (0, 5, 15, 25, 35, 45, 55, 65, 75, 85, 90).

COEFFICIENTS OF UTILIZATION table with columns for beam diameter (70, 50, 30, 10) and rows for beam diameter (1, 2, 3, 4, 5, 6, 7, 8, 9).

RR30424

50 WATT NARROW FLOOD



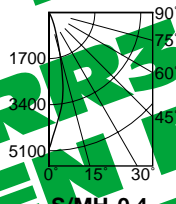
EFFICIENCY = 92.0%

CANDLEPOWER DISTRIBUTION table for RR30424 (50W) with columns for beam diameter (0.0, 22.5, 45.0, 67.5, 90.0) and rows for beam diameter (0, 5, 15, 25, 35, 45, 55, 65, 75, 85, 90).

COEFFICIENTS OF UTILIZATION table for RR30424 (50W) with columns for beam diameter (70, 50, 30, 10) and rows for beam diameter (1, 2, 3, 4, 5, 6, 7, 8, 9).

RR30425

75 WATT NARROW FLOOD



EFFICIENCY = 89.8%

CANDLEPOWER DISTRIBUTION table for RR30425 with columns for beam diameter (0.0, 22.5, 45.0, 67.5, 90.0) and rows for beam diameter (0, 5, 15, 25, 35, 45, 55, 65, 75, 85, 90).

COEFFICIENTS OF UTILIZATION table for RR30425 with columns for beam diameter (70, 50, 30, 10) and rows for beam diameter (1, 2, 3, 4, 5, 6, 7, 8, 9, 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 .87
-90 SoFTex Champagne Gold: CP x .96
-91 SoFTex Wheat: CP x .95
-93 Pewter Alzak® CP x .95
-OG Black OptiGroove: CP x .90

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. Stops dust streaks on ceiling.
-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 .87)
-79 Extension collar for up to 2" thick ceilings.
-90 SoFTex Champagne Gold softly etched self-flanged reflector. Resists smudges. (CP x .96)
-91 SoFTex Wheat softly etched self-flanged reflector. Resists smudges. (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 .90)

SUBMITTAL DATA

APPROVAL STAMP

Form fields for JOB NAME, TYPE, WATTAGE, VOLTAGE, CATALOG NUMBER.

LIMITED WARRANTY: CATALOGUED KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR THREE YEARS FROM DATE OF PURCHASE. INSTALLATION TO N.E.C. IN NORMAL USE. Manufacturer at his option will replace or repair such fixture or refund the purchase price on presentation of proof of purchase and defective fixture at the office 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 to the buyer in place of all other warranties, expressed or implied. Seller does not warrant as to merchantability or fitness for a particular use, nor will any oral statement constitute a warranty or amend this specific warranty. Abnormal use, abuse of the fixture, improper installation, repair, or modification of the fixture without prior written authorization from the manufacturer will void the warranty. 10/19/96

RR30424 HAS BEEN REPLACED BY IRR-04076
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SOME DESIGN FEATURES MAY HAVE CHANGED