

Exceptionally Low Brightness: PAR 38 Designer Series

Features

Lamp / Socket

- Designed for:
250 watt (max.) PAR 38 tungsten halogen lamp; dimmable (by others).
- Rated 4200 hour life; 100 CRI.
- 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. For top access, see Option -TA.
- 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" lathers channel or 1/2" T.S. conduit.
- Recesses indoor or outdoor in covered ceilings.

UL, C-UL (Canada) Listings

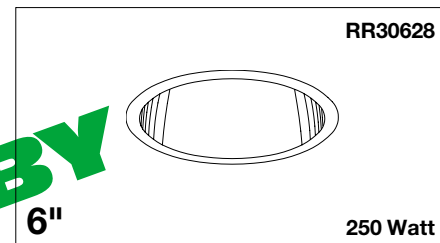
- Wet, damp or dry locations, covered ceilings.
- Through-branch circuit conductors (6 #12 AWG 90°C).

Three Year Limited Warranty

- Complete standard fixture.

Thermal Protection (Per Current NEC)

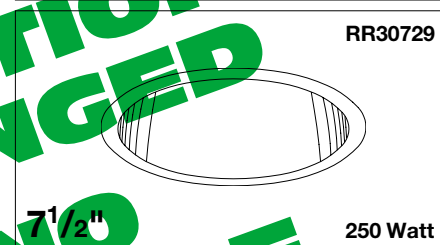
- Thermal protector included which provides automatic cut-off if rated temperature is exceeded. (Insulation related)



**Higher Lumen Output
with Very Low Brightness**

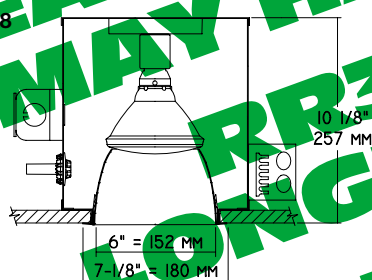
Churches, Boardrooms, Retail

11 Optional Reflector Finishes

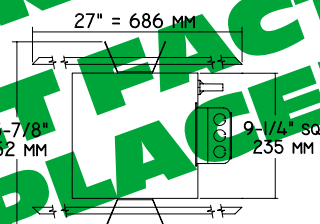
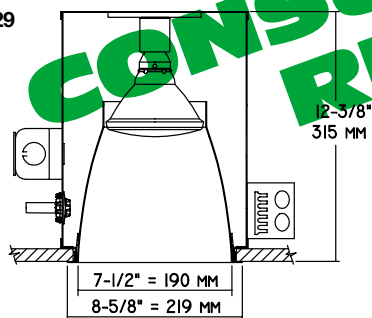


Performance at a Glance

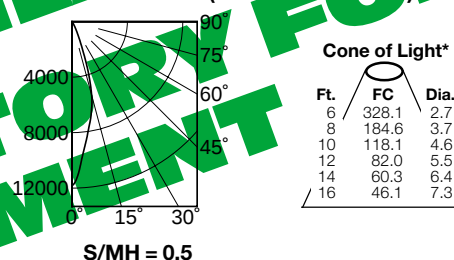
RR30628



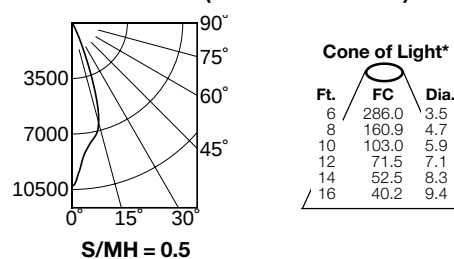
RR30729



RR30628 (250W Flood Shown)



RR30729 (250W 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 38
PAR 38

MAXIMUM WATTAGE

250
250

CATALOG NUMBERS

RR30628
RR30729

RR30628
RR30729

RECESSED ROUND: 250 WATT (MAX.) PAR 38 TUNGSTEN HALOGEN DOWNLIGHTS

KIRLIN

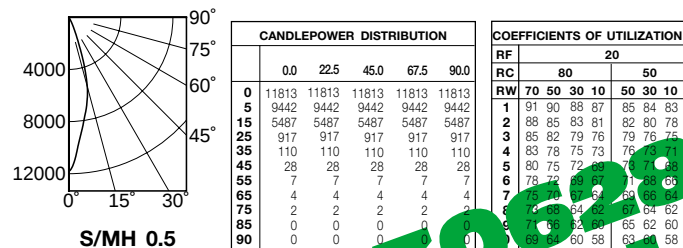
Detailed Photometry - Installed Fixture

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

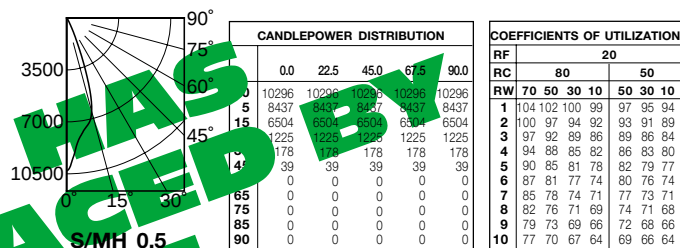
RR30628 (250W FL): TEST #47278
RR30628 (120W FL): TEST #47279
RR30628 (100W FL): TEST #47280

RR30729 (250W FL): TEST #47281
RR30729 (120W FL): TEST #47282
RR30729 (100W FL): TEST #47283

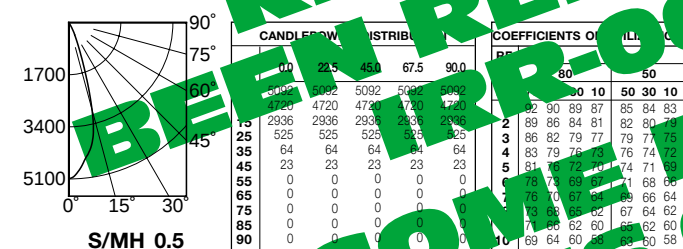
RR30628 250W FL Efficiency = 79.5%



RR30729 250W FL Efficiency = 90.7%



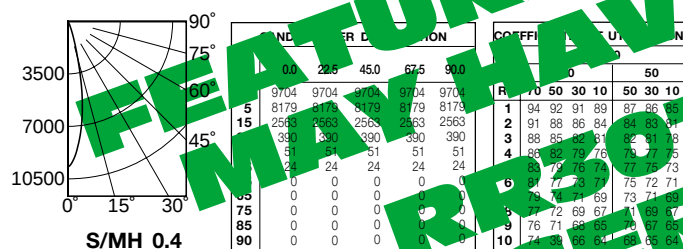
RR30628 120W FL Efficiency = 80.1%



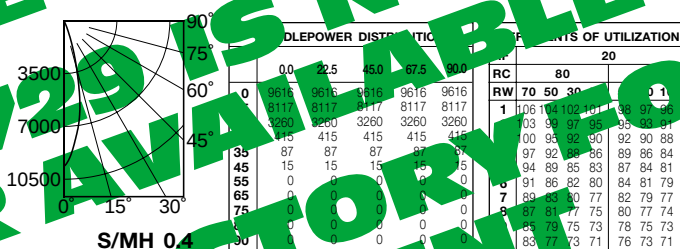
RR30729 120W FL Efficiency = 91.6%



RR30628 100W FL Efficiency = 81.3%



RR30729 100W FL Efficiency = 91.9%



Estimated Multipliers

-16 Champagne Gold Alzak®: CP x .98
-30 White: CP x .98

-63 Dune Alzak: CP x .97
-70 Wheat Alzak: CP x .97
-70 SoftTex Clear: CP x .98

-71 SoftTex Dune: CP x .95
-72 Black Alzak: CP x .80
-90 SoftTex Champagne Gold: CP x .98

-81 SoftTex 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. 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 SoftTex Clear softly etched self-flanged reflector. Resists smudges. (CP x .98)
- 71 SoftTex Dune softly etched self-flanged reflector. Resists smudges. (CP x .95)
- 72 Black specular Alzak self-flanged reflector. (CP x .80)
- 79 Extension collar for up to 2" thick ceilings.
- 82 Sloped ceiling adapter. Specify slope in 5° increments up to 30°.
- 90 SoftTex Champagne Gold softly etched self-flanged reflector. Resists smudges. (CP x .96)
- 91 SoftTex Wheat softly etched self-flanged

- reflector. Resists smudges. (CP x .95)
- 93 Pewter specular Alzak self-flanged reflector. (CP x .95)
- 94 Specular or SoftTex custom color / finish reflector, self-flanged. Consult factory.
- 99 Special modification. Consult factory.
- LP With PAR 38 lamp. Specify wattage, beam spread and color temperature.
- OG OptiGroove black seamless tapered aluminum reflector. White trim, self-flanged. (CP x .82)
- TA Top access modification for servicing from above.

SUBMITTAL DATA

APPROVAL STAMP

JOB NAME

TYPE

WATTAGE

VOLTAGE

CATALOG NUMBER