

PAR 38 Tungsten Halogen Cylinder for Convention Center, Atrium and School

Features

Lamp / Socket

- Designed for:
250 watt (max.) PAR 38 tungsten halogen lamp (by others).
- Rated 4200 hour life; 100 CRI.
- Dimmable (controls by others).
- Glazed porcelain medium base.

Reflector

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

Housing

- Seamless, spun aluminum. Rigid. No visible hardware.
- White acrylic enameled finish standard. See Options for other colors.

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

Installation

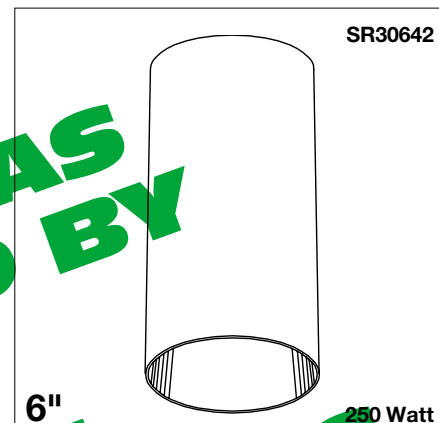
- Center point mounting with snug fit to ceiling. Mounting hardware furnished.
- Indoor or outdoor for covered ceiling use. (See Option -89 for use with -PM or -WB).
- Pendant mount available. (Option -PM)
- Wall bracket available. (Option -WB)

UL C-UL (Canada) Listings

- Wet, damp or dry locations, covered ceilings. (See Option -89)
- Caution: Use 90°C supply wire to outlet box above.

Three Year Limited Warranty

- Complete standard fixture.



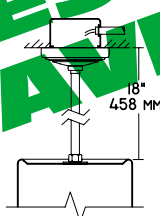
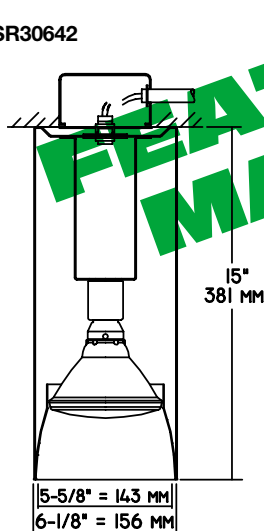
Designed for PAR 38 Source

Inconspicuous 6" Aperture

11 Optional Reflector Finishes

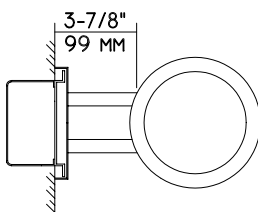
Performance at a Glance

SR30642

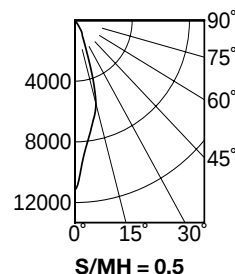


Representative Views:

(Above) Optional pendant mount (Option -PM)
(Below) Optional wall bracket (Option -WB)



SR30642 (250W Flood Shown)



Cone of Light*

Ft.	FC	Dia.
6	310.0	2.9
8	174.4	3.9
10	111.6	4.9
12	77.5	5.8
14	56.9	6.8
16	43.6	7.8

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**

PAR 38

250

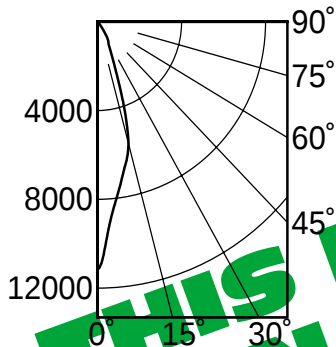
SR30642

THE KIRLIN COMPANY RESERVES THE RIGHT TO CHANGE, WITHOUT NOTICE, DETAILS OR SPECIFICATIONS IN PRODUCT DESIGN.

Alzak® is a registered trademark of ALCOA.

SR30642 SURFACE ROUND: 250 WATT (MAX.) PAR 38 TUNGSTEN HALOGEN DOWNLIGHT**Detailed Photometry - Installed Fixture**

FROM I.T.L. (BOULDER, CO) TEST NUMBER 47043

CANDLEPOWER DISTRIBUTION**SR30642 250W FL**

S/MH 0.5

EFFICIENCY = 94.0%**Estimated Multipliers**

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

	0.0	22.5	45.0	67.5	90.0
0	11161	11161	11161	11161	11161
5	8508	8508	8508	8508	8508
15	5678	5678	5678	5678	5678
25	1466	1466	1466	1466	1466
35	541	541	541	541	541
45	58	58	58	58	58
55	21	21	21	21	21
65	0	0	0	0	0
75	0	0	0	0	0
85	0	0	0	0	0
90	0	0	0	0	0

REF	50	30	15	50	30	10
RC	108	105	103	102	100	98
2	103	100	97	94	95	93
3	100	95	91	88	91	88
4	96	90	86	82	87	84
5	92	86	81	78	83	80
6	89	82	77	74	80	76
7	86	79	74	71	77	73
8	83	75	71	68	74	70
9	80	72	68	65	71	67
10	77	70	65	62	69	65

Options

- 16 Champagne Gold specular Alzak self-flanged reflector. (CP x .98)
- 30 All white reflector, self-flanged. (CP x .98)
- 35 Silver enameled luminaire finish instead.
- 36 Gold enameled luminaire finish instead.
- 37 Dark Bronze enameled luminaire finish instead.
- 38 Black enameled luminaire finish instead.
- 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)
- 80 2" extension collar for mounting luminaire beneath surface outlet box. Finish matches housing color.
- 87 Custom -PM length. Specify up to 4 feet or consult factory. Use with Option -PM.
- 88 Swivel canopy for sloped ceilings up to 45°. Earthquake rated. Use with Option -PM.
- 89 Sealed top WeatherCap feature prevents moisture and insect intrusion from above in outdoor or high humidity areas. Use with Option -PM or -WB.
- 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 self-flanged reflector or luminaire. Specify parts. 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 .90)
- PM Pendant mount instead. 3/8" T.S. x 18" or see Option -87. Also see Options -88 and -89.
- WB Wall bracket mount instead. Also see -89.

SUBMITTAL DATA

JOB NAME _____

TYPE _____

WATTAGE _____ VOLTAGE _____

CATALOG NUMBER _____

APPROVAL STAMP