

Auditorium, Church, Mall, School PAR 56 Cylinder

Features

Lamp / Socket Assembly

- Designed for: 500 watt (maximum) PAR 56 tungsten halogen lamp (by others).
- Rated 4000 hour life; 100 CRI.
- Dimmable (controls by others).
- Tilts 90° for relamping.
- Safety tempered prismatic C#73 flat glass converts oval beam pattern to round.
- See Option -28 for use with narrow spot lamp.
- Porcelain mogul end-prong vertical socket.

Reflector

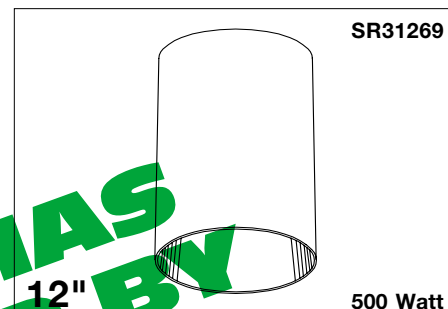
- Parabolic specular Alzak® aluminum.
- Ten optional self-flanged colors and finishes available. See Options.

Housing

- Seamless, deep-drawn rigid aluminum. 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)
- Collar for mounting beneath surface outlet box available. (Option -80 for surface mount version only)
- Pendant mount available. (Option -PM)
- Wall bracket available. (Option -WB)



Large Area Illumination
Pendant or Wall Bracket Optional
10 Optional Reflector Finishes

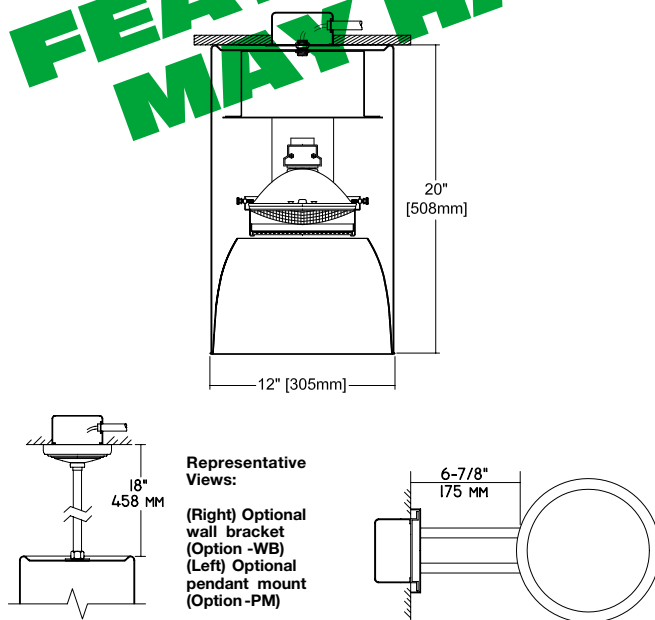
UL, C-UL (Canada) Listings

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

Three Year Limited Warranty

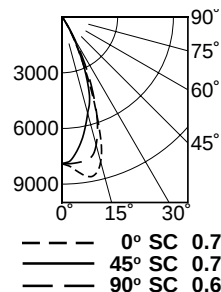
- Complete standard fixture.

Performance at a Glance



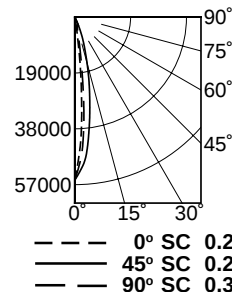
Representative Views:
(Right) Optional wall bracket (Option -WB)
(Left) Optional pendant mount (Option -PM)

SR31269
(500W Medium Flood)



---	0° SC	0.7
---	45° SC	0.7
---	90° SC	0.6

SR31269-28
(500W Narrow Spot)



---	0° SC	0.2
---	45° SC	0.2
---	90° SC	0.3

Cone of Light*

Ft.	FC	Dia.
6	207.7	4.1
8	116.8	5.5
10	74.8	6.9
12	51.9	8.3
14	38.1	9.6
16	29.2	11.0

Cone of Light*

Ft.	FC	Dia.
6	1560.4	1.3
8	877.8	1.7
10	561.8	2.2
12	390.1	2.6
14	286.6	3.0
16	219.4	3.5

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

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NEW MILLENNIUM
TUNGSTEN HALOGEN and
INCANDESCENT LIGHTING

LAMP

MAXIMUM WATTAGE

CATALOG NUMBER

PAR 56

500

SR31269

DUE TO OUR CONTINUING EFFORT TO IMPROVE PRODUCTS, TECHNICAL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE.

Alzak® is a registered trademark of ALCOA.

SR31269

SURFACE ROUND: 500 WATT (MAX.) PAR 56 TUNGSTEN HALOGEN DOWNLIGHT

Detailed Photometry - Installed Fixture

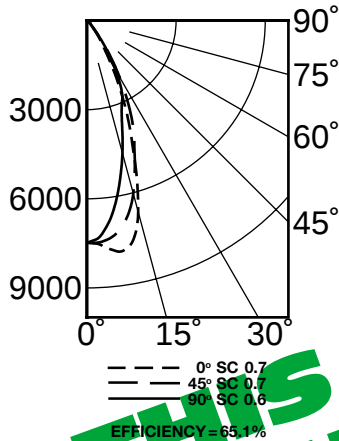
FROM I.T.L. (BOULDER, CO) SR31269 (500W MFL): TEST # 43320
SR31269-28 (500W NSP): TEST # 43368

SR31269

500W MFL

CANDLEPOWER DISTRIBUTION

COEFFICIENTS OF UTILIZATION



	0.0	22.5	45.0	67.5	90.0
0	7477	7477	7477	7477	7477
5	7682	7650	7419	7165	7042
15	6665	6574	6023	5091	4616
25	2823	3177	3512	3261	2818
35	734	830	1083	1131	1081
45	169	171	180	186	182
55	48	48	48	49	50
65	1	2	3	2	2
75	0	0	1	1	0
85	0	0	0	0	0
90	0	0	0	0	0

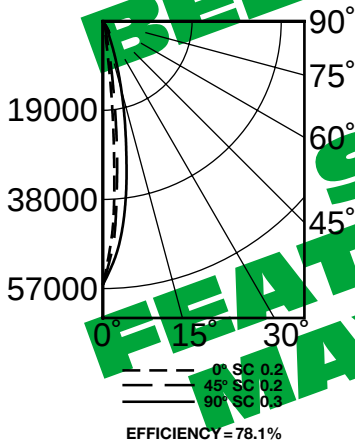
RF	20					
RC	80			50		
RW	70	50	30	10	30	10
1	74	73	71	70	69	67
2	71	68	66	64	65	63
3	68	64	61	59	61	59
4	65	60	57	55	58	56
5	62	57	54	51	55	53
6	59	54	51	48	53	50
7	57	51	48	45	50	47
8	54	49	45	43	48	45
9	52	46	43	41	46	43
10	50	44	41	39	44	41

SR31269-28

500W NSP

CANDLEPOWER DISTRIBUTION

COEFFICIENTS OF UTILIZATION



	0.0	22.5	45.0	67.5	90.0
0	56176	56176	56176	56176	56176
15	26902	28602	34419	41704	45439
25	1357	1514	2436	7336	15204
35	1181	1385	1596	1788	2631
45	74	183	292	400	462
55	43	30	28	28	28
65	15	17	14	15	13
75	3	4	3	3	3
85	0	0	0	0	0
90	0	0	0	0	0

RF	20					
RC	80			50		
RW	70	50	30	10	30	10
1	90	88	87	86	84	83
2	87	85	82	81	81	79
3	85	81	79	77	78	76
4	82	78	76	73	76	74
5	80	76	73	71	74	72
6	78	74	70	68	72	70
7	76	71	68	66	70	68
8	74	70	67	65	69	66
9	73	68	65	63	67	64
10	71	66	63	62	66	63

Estimated Multipliers

-16 Champagne Gold Alzak®: CP x .98
-30 White: CP x .96
-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 reflector. (CP x .98)
- 28 Tempered clear glass for use with narrow spot lamp. See Option -LP.
- 30 All white reflector. (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 reflector. (CP x .97)
- 69 Wheat specular Alzak reflector. (CP x .97)
- 70 Softex Clear softly etched reflector. Resists smudges. (CP x .98)

- 71 Softex Dune softly etched reflector. Resists smudges. (CP x .95)
- 72 Black specular Alzak reflector. (CP x .80)
- 80 2" extension collar for mounting luminaire beneath surface outlet box. Finish matches housing color. Not available with -PM or -WB.
- 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 reflector. Resists smudges. (CP x .96)

- 91 Softex Wheat softly etched reflector. Resists smudges. (CP x .95)
- 93 Pewter specular Alzak reflector. (CP x .95)
- 94 Specular or Softex custom color / finish reflector or luminaire. Specify parts. Consult factory.
- 99 Special modification. Consult factory.
- LP With PAR 56 lamp. Specify wattage, beam spread, °K. With narrow spot, also select -28.
- OG OptiGroove black seamless tapered aluminum reflector. White trim. (CP x .82)
- 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

APPROVAL STAMP

JOB NAME _____
TYPE _____
WATTAGE _____ VOLTAGE _____
CATALOG NUMBER _____