

Auditorium, Church, Mall, School PAR 56 Cylinders

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.

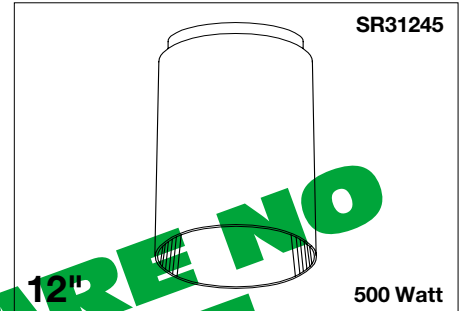
- SR31245: 2" extension collar provides convection cooling. Surface mount housing only. Suitable for use with surface mounted outlet box.
- Rustproof: Exceeds 1000 hour ASTM 5% salt spray test.
- Cool: Dissipates heat across entire surface area.

Installation

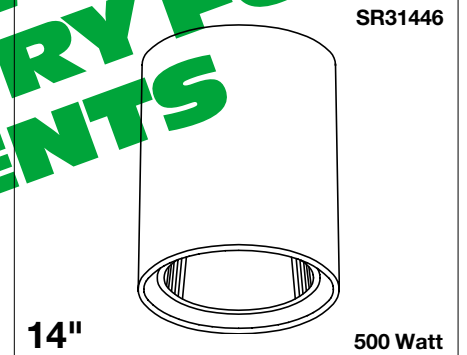
- Center point mounting with snug fit to ceiling. Mounting hardware furnished.
- Indoor or outdoor for covered ceiling use. (See Option -89 for use with -PM or -WB)
- Pendant mount available. (Option -PM)
- Wall bracket available. (Option -WB)
- UL, C-UL (Canada) Listings
- Wet, damp or dry locations covered ceilings. (See Option -89)
- Caution: Use 90°C supply wire to outlet box above.

Three Year Limited Warranty

- Complete standard fixture.

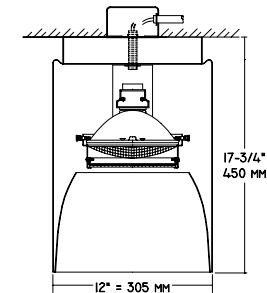


Large Area Illumination
Pendant or Wall Bracket Optional
10 Optional Reflector Finishes

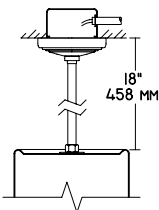
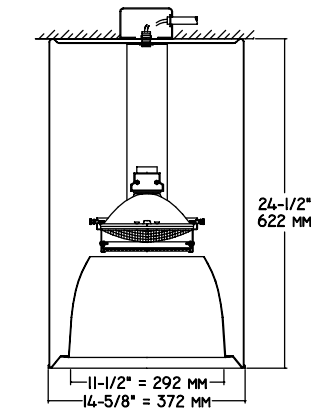


Performance at a Glance

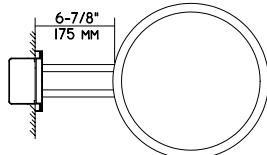
SR31245



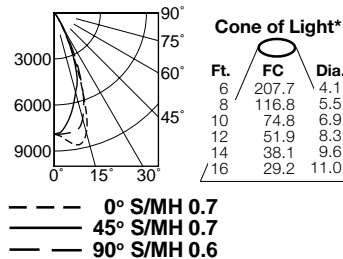
SR31446



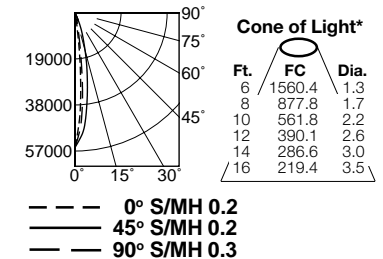
Representative Views:
(Right) Optional wall bracket (Option -WB)
(Left) Optional pendant mount (Option -PM)



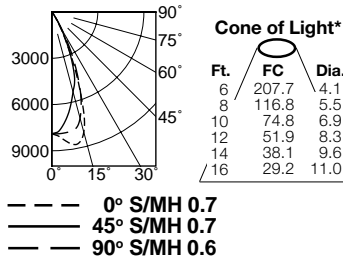
SR31245 (500W Medium Flood)



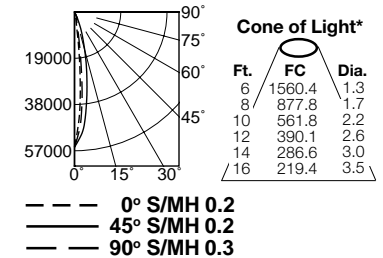
SR31245-28 (500W Narrow Spot)



SR31446 (500W Medium Flood)



SR31446-28 (500W Narrow Spot)



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 56
PAR 56

MAXIMUM WATTAGE

500
500

CATALOG NUMBERS

SR31245
SR31446

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Alzak® is a registered trademark of ALCOA.

SR31245
SR31446

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



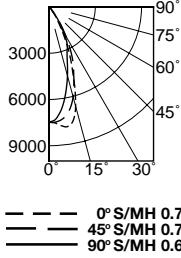
Detailed Photometry - Installed Fixture

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

SR31245 (500W MFL): TEST # 43320
SR31446 (500W MFL): TEST # 43320

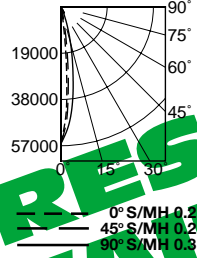
SR31245-28 (500W NSP): TEST # 43368
SR31446-28 (500W NSP): TEST # 43368

SR31245 500W MFL Efficiency = 65.1%



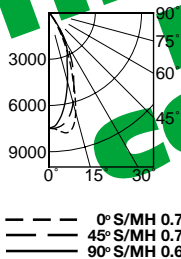
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85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SR31245-28 500W NSP Efficiency = 78.1%



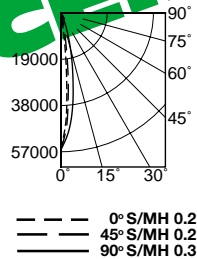
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90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SR31446 500W MFL Efficiency = 65.1%



CANDLEPOWER DISTRIBUTION	0.0					22.5					45.0					67.5					90.0									
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45	169	171	180	186	182	169	171	180	186	182	169	171	180	186	182	169	171	180	186	182	169	171	180	186	182	169	171	180	186	182
55	48	48	48	49	50	48	48	48	49	50	48	48	48	49	50	48	48	48	49	50	48	48	48	49	50	48	48	48	49	50
65	1	2	3	2	2	1	2	3	2	2	1	2	3	2	2	1	2	3	2	2	1	2	3	2	2	1	2	3	2	2
75	0	0	1	1	0	0	0	1	1	0	0	0	1	1	0	0	0	1	1	0	0	0	1	1	0	0	0	1	1	0
85	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
90	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

SR31446-28 500W NSP Efficiency = 78.1%



CANDLEPOWER DISTRIBUTION	0.0					22.5					45.0					67.5					90.0									
	0	5	15	25	35	45	55	65	75	85	0	5	15	25	35	45	55	65	75	85	0	5	15	25	35	45	55	65	75	85
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