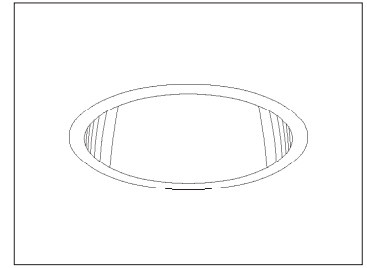


CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

11" 1 PAR 56 500 WATT MAXIMUM

IRR-11088

Atrium, Church, Mall 500 Watt Downlight



Specifications

Lamp / Socket

- Designed for 1 vertical tungsten halogen lamp (by others): 500W maximum PAR 56.
- Rated 4000 hour life. 100 CRI.
- Dimmable (controls by others).
- Tilts 150° 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

- Self-flanged parabolic specular Alzak® aluminum.
- Optional reflector finishes and colors available.

Aluminum Housing

- Cool. Acrylic enameled 100% aluminum.
- Rustproof and corrosion resistant: Exceeds 1000 hour ASTM 5% salt spray test.
- Dissipates heat across entire surface area extending component life.

- Entire luminaire visible and serviceable from below through aperture.
- For top access, see Option -TA.
- Built-in plaster frame. Also see Option -79.

Outlet Box and Thermal Protection

- UL listed J-box with insulated removable cover. Prewired 14 GA (NEC) with 1/2" and 3/4" knockouts.
- Thermal protector (per current NEC) provides automatic cut-off if rated temperature is exceeded.

Installation

- 27" galvanized hanger bars supplied (2).
- Fully adjustable universal galvanized mounting brackets supplied (2).
- Recesses indoor or outdoor in covered ceilings.
- See "MARKED SPACINGS CAUTION" below.
- UL, C-UL (Canada) Listings**
- Wet, damp or dry locations, covered ceilings.
- Through-branch conductors (6 #12 AWG 105°C).

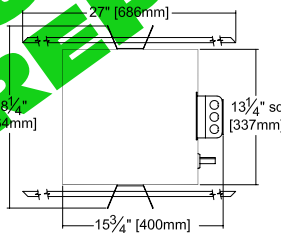
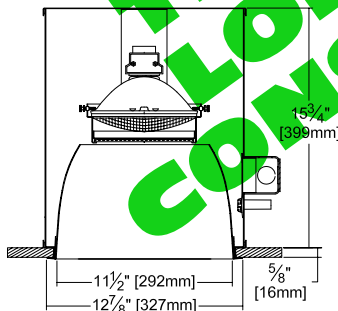
Three Year Limited Warranty

- Complete standard fixture.

Recessed Round
Open Appearance
Single Reflector

Performance at a Glance

IRR-11088

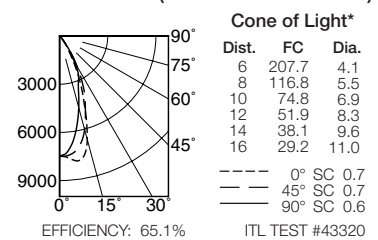


Ceiling Cut-out
12 1/4" Dia.

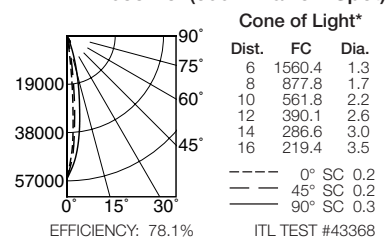


Exceptional
Energy
Efficiency

IRR-11088 (500W Medium Flood)



IRR-11088-28 (500W Narrow Spot)



Cone of Light Key
Ft. Distance from fixture
FC Footcandles at nadir (0°)
Dia. Circle of light at 50% of FC

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

"MARKED SPACINGS CAUTION"

INSTALL WITH MINIMUM SPACINGS AS FOLLOWS: 2 FEET BETWEEN CENTERS OF ADJACENT FIXTURES; 1/2" BETWEEN FIXTURE TOP AND OVERHEAD BUILDING MEMBER; 1 FOOT BETWEEN FIXTURE CENTER AND SIDE WALL.

THE KIRLIN COMPANY

3401 EAST JEFFERSON AVENUE • DETROIT, MICHIGAN 48207-4232
(313) 259-6400 • Fax: (313) 259-9409 OR (313) 259-3121 • www.kirlinlighting.com

TUNGSTEN HALOGEN &
INCANDESCENT LIGHTING

MAXIMUM WATTAGE

500

CATALOG NUMBER

IRR-11088

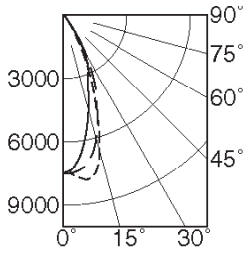
DUE TO OUR CONTINUING EFFORT TO IMPROVE PRODUCTS, TECHNICAL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE.

Alzak® is a registered trademark of ALCOA.

Detailed Photometry - Installed Fixture

Photometry from I.T.L., Boulder, CO

IRR-11088 (500W Medium Flood)



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

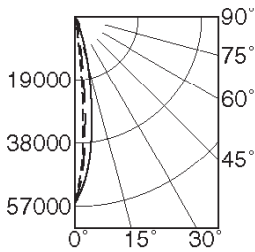
EFFICIENCY : 65.1%

	CANDLEPOWER DISTRIBUTION				
	0.0	22.5	45.0	67.5	90.0
0	7477	7477	7477	7477	7477
5	7682	7682	7682	7682	7682
15	6665	6665	6665	6665	6665
25	2823	2823	2823	2823	2823
35	734	734	734	734	734
45	169	169	169	169	169
55	48	48	48	48	48
65	1	1	1	1	1
75	0	0	0	0	0
85	0	0	0	0	0
90	0	0	0	0	0

RF	COEFFICIENTS OF UTILIZATION							
	20							
	80		50		30		10	
RW	70	50	30	10	50	30	10	
1	74	73	71	70	69	67	67	
2	71	68	66	64	65	63	62	
3	68	64	61	59	61	59	57	
4	65	60	57	55	58	56	54	
5	62	57	54	51	55	53	50	
6	59	54	51	48	53	50	48	
7	57	51	48	45	50	47	45	
8	54	49	45	43	48	45	43	
9	52	46	43	41	46	43	40	
10	50	44	41	39	44	41	38	

ITL TEST #43320

IRR-11088 (500W Narrow Spot)



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

EFFICIENCY : 78.1%

	CANDLEPOWER DISTRIBUTION				
	0.0	22.5	45.0	67.5	90.0
0	56176	56176	56176	56176	56176
5	26902	26902	26902	26902	26902
15	1357	1357	1357	1357	1357
25	1181	1181	1181	1181	1181
35	74	74	74	74	74
45	43	43	43	43	43
55	15	15	15	15	15
65	3	3	3	3	3
75	0	0	0	0	0
85	0	0	0	0	0
90	0	0	0	0	0

RF	COEFFICIENTS OF UTILIZATION							
	20							
	80		50		30		10	
RW	70	50	30	10	50	30	10	
1	90	88	87	86	84	83	82	
2	87	85	82	81	81	79	78	
3	85	81	79	77	78	76	75	
4	82	78	76	73	76	74	72	
5	80	76	73	71	74	72	70	
6	78	74	70	68	72	70	68	
7	76	71	68	66	70	68	66	
8	74	70	67	65	69	66	64	
9	73	68	65	63	67	64	63	
10	71	66	63	62	66	63	61	

ITL TEST #43368

Options

Lenses and Trims

- 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)
- 31 White flange (only) on self-flanged reflector.
- 32 White oversize trim ring. Specify O.D.

- 45 Gasket between ceiling and reflector flange.
- 63 Dune specular Alzak reflector. (CP x .97)
- 69 Wheat specular Alzak reflector. (CP x .97)
- 70 SofTex clear reflector. (CP x .98)
- 71 SofTex Dune reflector. (CP x .95)
- 72 Black specular Alzak reflector. (CP x .80)
- 79 Extension collar for ceilings up to 2" thick.
- 91 SofTex Wheat reflector. (CP x .95)
- 93 Pewter specular Alzak reflector. (CP x .95)

- 94 Custom color/finish. Specify. Consult factory.
- OG OptiGroove black seamless tapered aluminum reflector. White trim, self-flanged. (CP x .82)

Other

- 99 Special modification. Consult factory.
- LP With PAR 56 lamp. Specify wattage and beam spread. With narrow spot, also select -28.
- TA Top access for servicing from above ceilings.

SUBMITTAL DATA

APPROVAL STAMP

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

LIMITED WARRANTY: CATALOGED KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR THREE YEARS FROM DATE OF PURCHASE. INSTALL TO N.E.C. IN NORMAL USE. Manufacturer of the fixture will replace or repair such fixture or refund the purchase price on presentation of proof of purchase and defective fixture at the offices 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 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 the specific warranty. Abnormal use, abuse of the fixture, improper installation, or repair, or modification of the fixture without prior written authorization from the manufacturer will render the warranty void.