

CATALOG #	TYPE
JOB NAME	WATTAGE VOLTAGE

6" 1 PAR 38 250 WATT MAXIMUM

IRR-06089

Stunning Wall Wash Effect

Specifications

Lamp / Socket

- Designed for 1 offset tungsten halogen lamp (by others);
- 250W maximum PAR 38.
- Rated 4200 hour life. 100 CRI.
- Dimmable (controls by others).
- Glazed porcelain medium base socket.

Trim Assembly

- Self-flanged parabolic specular Alzak® aluminum reflector.
- C#73 tempered prismatic glass lens.
- Optional reflector finishes, colors and square trim 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.
- 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 wattage is exceeded.

Installation

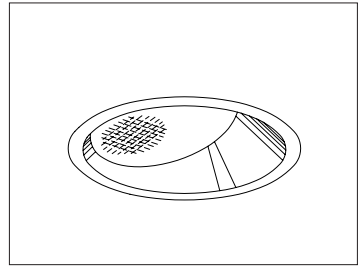
- 27" galvanized hanger bars supplied (2).
- Fully adjustable universal galvanized mounting brackets supplied (2).
- Recesses indoor or outdoor in covered ceilings.

UL, C-UL (Canada) Listings

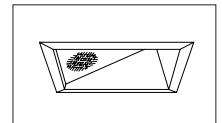
- Wet, damp or dry locations, covered ceilings.
- Through-branch conductors (6 #12 AWG 90°C).

Three Year Limited Warranty

- Complete standard fixture.



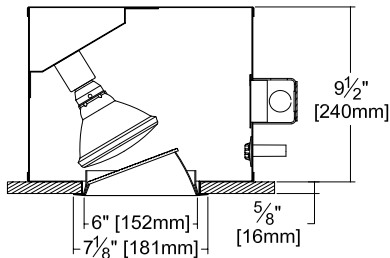
Recessed Round
Lensed
Wall Wash



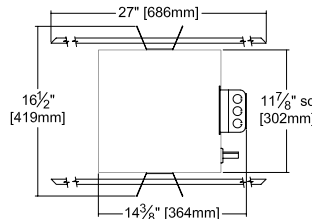
Square Reflector
Option -SQ

Performance at a Glance

IRR-06089



Exceptional
Energy
Efficiency



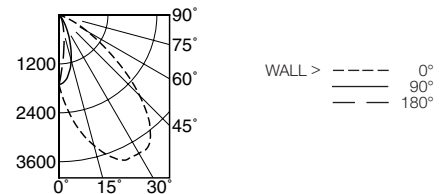
Ceiling Cut-out
6 1/2" Dia.

IRR-06089 (250W Flood)

	SINGLE FIXTURE					MULTIPLE FIXTURES					
	1'	2'	3'	4'		3' CENTERS	4' CENTERS				
											
FIXTURE INSTALLED 3' FROM WALL Footcandle Distribution on Wall Surface											
1	23.5	13.9	6.3	2.0	1.1	27.7	25.3	27.7	26.0	21.4	26.0
2	56.0	35.1	11.7	4.1	1.7	67.5	62.4	67.5	50.5	42.3	50.5
3	77.6	57.2	28.9	8.6	3.0	96.1	92.0	96.1	75.1	64.7	75.1
4	77.3	62.2	37.6	15.4	4.8	102.2	99.9	102.0	73.6	66.7	73.6
5	57.0	48.6	32.5	16.9	6.7	89.8	89.3	89.8	68.7	65.3	68.7
6	39.9	35.7	26.6	15.5	7.6	70.3	70.8	70.3	54.9	53.9	54.9
7	27.9	25.5	20.8	13.6	7.5	55.9	56.6	55.9	44.0	43.7	44.0
8	19.7	18.5	15.5	11.4	6.9	45.5	45.7	45.5	35.1	34.9	35.1
9	14.6	13.8	12.1	9.3	6.3	38.2	38.1	38.2	30.1	29.8	30.1

EFFICIENCY: 69.8%

ITL TEST #53132



THE KIRLIN COMPANY

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(313) 259-6400 • Fax: (313) 259-9409 OR (313) 259-3121 • www.kirlinlighting.com

**TUNGSTEN HALOGEN &
INCANDESCENT LIGHTING**

MAXIMUM WATTAGE

250

CATALOG NUMBER

IRR-06089

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

Alzak® is a registered trademark of ALCOA.

IRR-06089

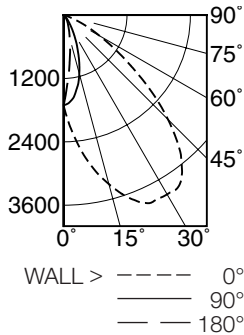
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KIRLIN
 Since 1895

Detailed Photometry - Installed Fixture

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

IRR-06089 (250 Watt Flood)



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CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	1710	1710	1710	1710	1710
5	2302	2092	1627	1221	1121
15	3312	2463	1149	553	445
25	3920	2288	563	245	199
35	3861	1651	201	103	96
45	2797	726	66	29	22
55	1338	199	18	5	4
65	421	40	5	1	0
75	35	6	0	0	0
85	0	0	0	0	0
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION							
RF	20						
RC	80				50		
RW	70	50	30	10	50	30	10
1	78	76	74	72	72	70	69
2	73	69	66	63	66	63	61
3	68	63	59	55	60	57	54
4	64	57	53	49	55	51	48
5	60	53	48	44	51	46	43
6	56	48	43	40	47	42	39
7	52	45	39	36	43	39	36
8	49	41	36	33	40	36	33
9	46	38	33	30	37	33	30
10	44	36	31	28	35	31	28

ITL TEST #53132

Options

Wattage and Voltage

- 58 277/120 volt stepdown transformer for 277 volt line input, prewired into fixture; with 277 volt thermal protector.

Trims

- 16 Champagne Gold specular Alzak reflector. (CP x .98)
 -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 .87)
 -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.
 -SQ 6" Square self-flanged clear specular reflector instead. (Ceiling cut-out 6.75" sq.)

Other

- 99 Special modification. Consult factory.
 -LP With PAR 38 lamp. Specify wattage and beam spread.

SUBMITTAL DATA

JOB NAME

TYPE

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APPROVAL STAMP