

Stunning Wall Wash Effect from PAR 38 Halogen Source

Features

Lamp / Socket

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

Trim Assembly

- Self-flanged specular Alzak® aluminum reflector.
- Ten optional self-flanged reflector colors and finishes available. See Options.
- C#73 tempered prismatic glass lens.
- Retained by torsion springs; snug fit to ceiling.

Housing

- Acrylic enameled 100% aluminum.
- Rustproof: Exceeds 1000 hour ASTM 5% salt spray test. For MRI version, see -MR.
- Cool: Dissipates heat across entire surface area.
- Entire luminaire visible and serviceable from below through removable trim assembly.

- Built-in plaster frame. Also see Option -79.

Outlet Box

- Prewired 14GA (NEC) galvanized steel. UL listed. With removable insulated cover.
- 1/2" and 3/4" knockouts.

Installation

- 27" galvanized hanger bars supplied (2).
- Fully adjustable universal galvanized mounting brackets supplied (2). Accepts 3/4" or 1-1/4" lathers channel or 1/2" T.S. conduit.
- Recesses indoor or outdoor in covered ceilings.

UL, C-UL (Canada) Listings

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

Three Year Limited Warranty

- Complete standard fixture.

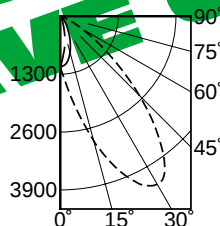
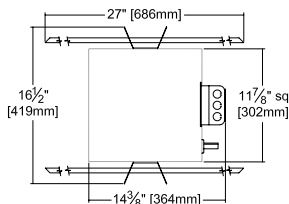
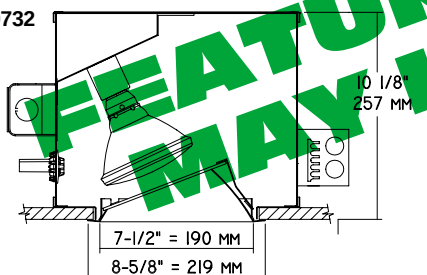
Thermal Protection (Per Current NEC)

- Thermal protector included which provides automatic cut-off if rated temperature is exceeded. (Insulation related)



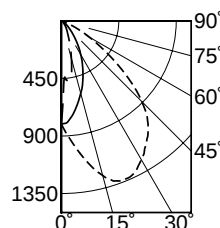
Performance at a Glance

RR30732



WALL >

--- 0°
--- 90°
--- 180°



RR30732 (250 Watt Flood Shown)

DISTANCE FROM CEILING IN FEET	SINGLE FIXTURE				MULTIPLE FIXTURES			
	1'	2'	3'	4'	3' CENTERS	4' CENTERS	4' CENTERS	4' CENTERS
FIXTURE INSTALLED 3" FROM WALL Footcandle Distribution on Wall Surface								
1	9.7	7.08	4.1	3.4	3.0	21.2	18.5	21.2
2	54.2	34.3	12.6	5.0	3.0	68.9	50.0	68.9
3	91.2	63.9	25.9	9.2	4.3	114.0	94.4	114.0
4	85.4	62.5	31.3	13.1	5.9	117.0	102.0	117.0
5	61.3	48.3	27.5	13.7	7.1	94.5	88.2	94.5
6	39.9	33.9	21.9	12.4	7.2	70.9	70.0	70.9
7	26.2	23.4	16.8	10.6	6.7	53.9	54.5	53.9
8	17.9	16.5	12.9	8.9	6.1	42.3	43.1	42.3
9	13.0	12.2	10.2	7.6	5.7	34.7	35.5	34.7
							27.5	27.5

RR30732 (120 Watt Wide Flood Shown)

DISTANCE FROM CEILING IN FEET	SINGLE FIXTURE				MULTIPLE FIXTURES			
	1'	2'	3'	4'	3' CENTERS	4' CENTERS	4' CENTERS	4' CENTERS
FIXTURE INSTALLED 3" FROM WALL Footcandle Distribution on Wall Surface								
1	4.7	3.5	2.1	1.6	1.3	10.1	9.0	10.1
2	23.3	15.6	6.5	2.6	1.5	30.7	24.2	30.7
3	32.6	24.6	11.5	4.6	2.2	44.2	39.9	44.2
4	25.3	21.9	13.1	6.2	3.0	40.5	41.1	40.5
5	17.8	16.1	11.2	6.4	3.5	33.7	34.6	33.7
6	12.6	11.5	8.8	5.7	3.6	27.5	27.9	27.5
7	9.1	8.4	6.8	4.9	3.3	22.4	22.7	22.4
8	6.8	6.4	5.4	4.1	3.0	18.7	18.8	18.7
9	5.3	5.0	4.4	3.6	2.8	16.1	16.2	16.1
							12.8	12.8

THE KIRLIN COMPANY

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NEW MILLENNIUM

TUNGSTEN HALOGEN and INCANDESCENT LIGHTING

LAMP

PAR 38

MAXIMUM WATTAGE

250

CATALOG NUMBER

RR30732

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

Alzak® is a registered trademark of ALCOA.

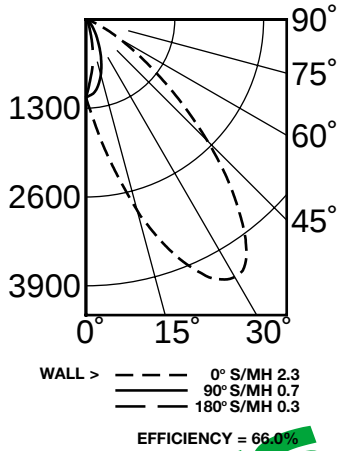
Detailed Photometry - Installed Fixture

FROM I.T.L. (BOULDER, CO) RR30732 (250W): TEST NUMBER 46988
RR30732 (120W): TEST NUMBER 47254

RR30732 250W FLOOD

CANDLEPOWER DISTRIBUTION

COEFFICIENTS OF UTILIZATION



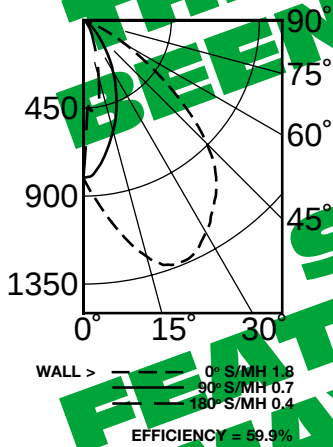
	0.0	45.0	90.0	135.0	180.0
0	1142	1142	1142	1142	1142
5	1544	1398	1097	903	836
15	2893	1928	839	439	337
25	4140	2026	477	171	108
35	4089	1570	234	82	57
45	2511	927	108	41	37
55	1026	351	43	21	17
65	272	89	18	1	0
75	26	9	3	0	0
85	0	0	0	0	0
90	0	0	0	0	0

RF	20					
RC	80			50		
RW	70	50	30	10	50	30
1	74	72	70	68	67	66
2	69	65	62	59	61	59
3	64	59	55	51	56	53
4	60	53	49	45	51	48
5	56	49	44	40	47	43
6	52	45	41	36	43	39
7	48	41	36	32	39	35
8	45	38	33	29	36	32
9	43	35	30	27	34	30
10	40	32	28	24	31	27

RR30732 120W W FLOOD

CANDLEPOWER DISTRIBUTION

COEFFICIENTS OF UTILIZATION



	0.0	45.0	90.0	135.0	180.0
0	806	806	806	806	806
5	950	895	769	674	466
15	1251	985	586	375	303
25	1325	931	394	181	125
35	1162	727	222	85	64
45	892	441	101	38	33
55	436	185	39	20	15
65	122	54	13	1	1
75	18	9	4	0	0
85	1	1	0	0	0
90	0	0	0	0	0

RF	20					
RC	80			50		
RW	70	50	30	10	50	30
1	67	65	63	62	61	60
2	63	59	56	54	56	52
3	59	54	50	47	51	48
4	55	49	45	42	47	43
5	51	45	40	37	43	39
6	48	41	37	33	40	36
7	45	38	33	30	37	33
8	42	35	31	28	34	30
9	39	33	28	25	32	28
10	37	30	26	23	29	26

Estimated Multipliers

-16	Champagne Gold Alzak®: CP x .98	-70	SofTex Clear: CP x .98
-30	White: CP x .98	-71	SofTex Dune: CP x .95
-63	Dune Alzak: CP x .97	-90	SofTex Champagne Gold: CP x .96
-68	Matte Black: CP x .82	-91	SofTex Wheat: CP x .95
-69	Wheat Alzak: CP x .97	-93	Pewter Alzak: CP x .95

Options

- 16 Champagne Gold specular Alzak self-flanged reflector. (CP x .98)
- 30 All white reflector, self-flanged. (CP x .98)
- 31 White flange (only) on self-flanged reflector.
- 32 Trim extender. Broadens trim flange O.D. by 1" to cover larger ceiling opening.
- 45 Gasket above reflector flange. Stops dust streaks on ceiling.
- 58 277/120V stepdown transformer for 277 volt line input, prewired into fixture.

- 63 Dune specular Alzak self-flanged reflector. (CP x .97)
- 68 Matte Black self-flanged reflector. White trim. (CP x .82)
- 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)
- 79 Extension collar for up to 2" thick ceilings.
- 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 Custom color / finish trim assembly. Consult factory.
- 99 Special modification. Consult factory.
- LP With PAR 38 lamp. Specify wattage, beam spread and color temperature.
- MR Converted to non-ferrous construction for MRI use.

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. INSTALLATION, E.C., IN NORMAL USE. Manufacturer at his option 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 for the fixture 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 this specific warranty. Abnormal use, abuse of fixture, improper installation, or repair or modification of the fixture without prior written authorization from the manufacturer will void this warranty void.