

Attractive Wall Wash Pair with 360° Adjustability

Features

Lamp / Socket

- Designed for:
RR20710: Vertical 200 watt (max.) A-23 inside frosted incandescent lamp (by others).
- RR20711: Vertical 300 watt (max.) PS-25 inside frosted incandescent lamp (by others).
- Dimmable (controls by others).
- Glazed porcelain medium base socket.

Reflectors

- Inner: Self-flanged specular Alzak® aluminum. Adjusts 360° for precise wall wash position.
- Nine optional self-flanged colors and finishes available. See Options.
- Optional double wall wash available.
- Outer: Etched and anodized 100% aluminum for uniform wall washing.

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 reflector assembly.
- Built-in plaster frame. Also see -79.

Outlet Box

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

Installation

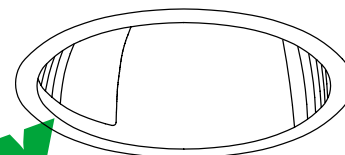
- 27" galvanized hanger bars supplied (2).
- Fully adjustable universal galvanized mounting brackets supplied (2). Accepts 3/4" or 1-1/4" fathens channel or 1/2" T.S. conduit.
- Recesses indoor or outdoor in covered ceilings.

UL, C-UL (Canada) Listings

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

RR20710
200 Watt

RR20711
300 Watt



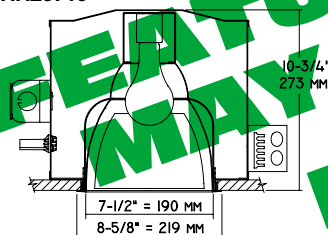
Popular 7 1/2" Open Reflector
9 Optional Reflector Finishes

Three Year Limited Warranty

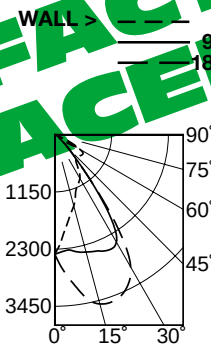
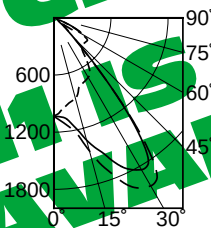
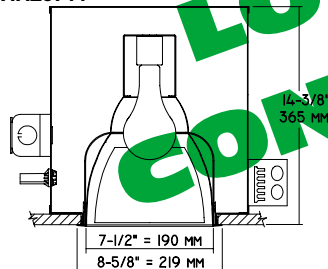
- Complete standard fixture.
- Thermal Protection (Per Current NEC)
- Thermal protector included which provides automatic cut-off if rated temperature is exceeded. (Insulation related)

Performance at a Glance

RR20710



RR20711



DISTANCE FROM CEILING IN FEET	SINGLE FIXTURE				MULTIPLE FIXTURES			
	1'	2'	3'	4'	3' CENTERS	4' CENTERS	3' CENTERS	4' CENTERS
1	4.9	4.3	3.0	2.4	2.1	14.2	14.0	14.2
2	23.1	23.3	13.0	5.9	2.8	42.4	43.8	42.4
3	16.6	15.5	11.6	7.9	4.5	37.4	37.4	37.4
4	14.7	13.3	9.7	6.8	4.3	33.3	33.0	33.3
5	11.6	11.4	9.0	6.5	4.4	30.4	32.3	30.4
6	8.5	8.4	8.4	7.0	5.4	28.7	28.8	28.7
7	6.8	6.5	6.6	6.3	6.0	26.1	27.3	26.1
8	5.3	5.3	5.3	5.3	5.5	24.4	25.2	24.4
9	4.7	4.6	4.6	4.6	4.8	23.4	23.6	23.4

RR20710

DISTANCE FROM CEILING IN FEET	SINGLE FIXTURE				MULTIPLE FIXTURES			
	1'	2'	3'	4'	3' CENTERS	4' CENTERS	3' CENTERS	4' CENTERS
1	8.2	6.7	4.8	3.8	3.2	22.2	21.4	22.2
2	42.3	36.9	20.6	9.2	4.3	67.4	69.1	67.4
3	25.9	24.0	17.7	12.3	7.3	58.2	58.0	58.2
4	18.9	17.2	13.4	9.8	6.5	47.3	46.1	47.3
5	16.2	15.5	12.9	8.6	6.2	42.1	44.5	42.1
6	12.5	12.3	11.8	9.4	6.5	40.1	40.0	40.1
7	9.9	9.8	9.7	9.0	7.4	37.2	36.9	37.2
8	8.3	8.2	8.1	7.9	7.4	34.1	35.1	34.1
9	7.5	7.3	7.2	7.0	6.9	32.8	33.5	32.8

RR20711

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

A-23
PS-25

MAXIMUM WATTAGE

200
300

CATALOG NUMBERS

RR20710
RR20711

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

Alzak® is a registered trademark of ALCOA.

RR20710
RR20711

RECESSED ROUND: 200 A-23 / 300 PS-25 (MAX.) / INCANDESCENT WALL WASH

KIRLIN

Detailed Photometry - Installed Fixture

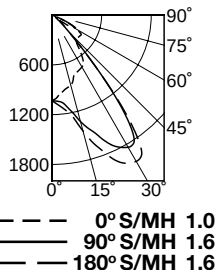
FROM I.T.L. (BOULDER, CO)

RR20710 (200W): TEST NUMBER 46984
RR20710 (150W): TEST NUMBER 47260
RR20711 (300W): TEST NUMBER 47286

RR20710

200 WATT

EFFICIENCY = 66.5%



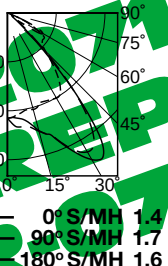
CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	1032	1032	1032	1032	1032
5	967	984	1047	1084	1101
15	877	1002	1329	1436	1446
25	745	955	1733	1922	1959
35	649	791	1678	1786	1803
45	415	369	295	321	307
55	424	314	58	101	121
65	181	145	46	169	207
75	13	12	8	81	11
85	2	0	0	0	0
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION									
RF	20								
RC	80				50				
RW	70	50	30	10	50	30	10		
1	74	72	70	68	68	66	65		
2	70	65	62	59	62	59	57		
3	65	59	55	52	56	53	50		
4	60	54	49	46	52	48	45		
5	56	49	44	41	47	43	40		
6	52	45	40	37	43	39	36		
7	49	41	36	33	40	36	33		
8	46	38	33	30	37	33	30		
9	43	35	30	27	34	30	27		
10	41	33	28	25	32	28	25		

RR20710

150 WATT

EFFICIENCY = 67.9%



CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	753	753	753	753	753
5	734	735	755	786	819
15	715	804	871	879	878
25	690	945	1080	1089	1068
35	663	1001	1204	1123	1079
45	356	340	300	357	372
55	320	215	41	77	121
65	8	5	5	15	15
75	0	0	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	76	74	72	70	69	68	66		
2	71	67	63	60	63	60	58		
3	66	60	56	53	57	54	51		
4	61	55	50	46	52	48	45		
5	57	50	45	41	48	44	40		
6	53	45	40	37	43	39	36		
7	50	42	37	33	40	36	33		
8	46	38	33	30	37	33	30		
9	43	35	30	27	34	30	27		
10	41	33	28	25	32	28	25		

RR20711

300 WATT

EFFICIENCY = 61.5%



CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	2404	2404	2404	2404	2404
5	2003	2089	2344	2646	2844
15	1481	1713	2442	2999	3523
25	1104	1413	2561	3009	3418
35	822	1018	1866	1984	2073
45	651	551	377	407	415
55	667	290	102	156	172
65	297	233	83	228	264
75	28	27	18	22	24
85	5	3	3	3	3
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION									
RW	80					50			
	70	50	30	10		50	30	10	
1	69	67	65	63	63	62	60		
2	65	61	58	55	58	55	53		
3	60	56	52	49	53	50	48		
4	56	51	47	43	49	45	43		
5	53	47	42	39	45	41	39		
6	50	43	39	35	41	38	35		
7	47	40	35	32	39	35	32		
8	44	37	33	30	36	32	29		
9	41	34	30	27	33	30	27		
10	39	32	28	25	31	28	25		

Estimated Multipliers

-16 Champagne Gold Alzak®: CP x .93
-63 Dune Alzak®: CP x .90
-69 Wheat Alzak®: CP x .88
-70 SoFTex Clear: CP x .90
-71 SoFTex Dune: CP x .81
-90 SoFTex Champagne Gold: CP x .84
-91 SoFTex Wheat: CP x .80
-98 Pewter Alzak®: CP x .85

Options

- 16 Champagne Gold specular Alzak self-flanged inner reflector. (CP x .93)
- 31 White flange (only) on self-flanged inner reflector.
- 32 Trim extender. Broadens trim flange O.D. by 1" to cover larger ceiling opening.
- 45 Gasket above inner 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 inner reflector. (CP x .90)
- 69 Wheat specular Alzak self-flanged inner reflector. (CP x .88)
- 70 SoFTex Clear softly etched self-flanged inner reflector. Resists smudges. (CP x .90)
- 71 SoFTex Dune softly etched self-flanged inner reflector. Resists smudges. (CP x .81)
- 79 Extension collar for up to 2" thick ceilings.
- 90 SoFTex Champagne Gold softly etched self-flanged inner reflector. Resists smudges. (CP x .84)
- 91 SoFTex Wheat softly etched self-flanged inner reflector. Resists smudges. (CP x .80)
- 93 Pewter specular Alzak self-flanged inner reflector. (CP x .85)
- 94 Custom color/finish self-flanged inner reflector. Consult factory.
- 99 Special modification. Consult factory.
- DW Double wall wash. 180° opposite.
- MR Converted to non-ferrous construction for MRI use.

SUBMITTAL DATA

APPROVAL STAMP

JOB NAME _____

TYPE _____

WATTAGE _____ VOLTAGE _____

CATALOG NUMBER _____