

Shallow Plenum Wall Wash

Features

Lamp

- Designed for:
 - 2 horizontal Quad 26 watt: RR90727.
 - 2 offset Quad 26 watt: RR90728.
- 2 pin G24d-3 base.
- See Option -43 for lower wattage.

Ballast

- Thermally protected, encased and potted standard.
- High power factor standard.
- Single circuit wiring. Optional 2-wire wiring. (See Option -96)
- 120 volt standard. See optional voltage.
- Dimming optional. (See Option -39)
- Electronic optional. (See Option -96)
- Visible and easily accessible ballasts.

Fuse

- Available with 1/2" x 1/8" (single) or 1/2" x 1/4" (double) fuses.

Reflector

- Etched and anodized outer reflector. For uniform wall washing (RR90727).
- Specular Alzak® upper reflector.
- Self-flanged low iridescence specular Alzak aluminum inner/ lower reflector.
- Reflector assembly adjusts from 0° to 90° for precise wall washing (RR90727).
- Optional SofTex soft surface finish. Dune, Champagne or gloss finish for all white.

lower reflectors available.

Lens (RR90728 only)

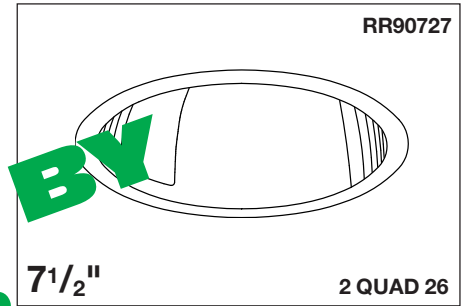
- 1/8" acrylic linear lens. Spreads wall wash light uniformly.

Housing

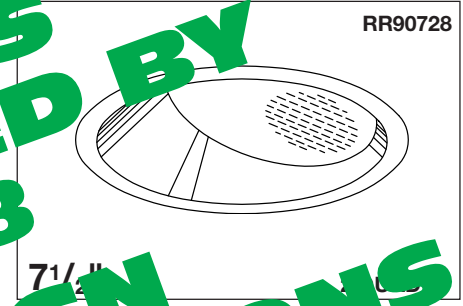
- Acrylic enameled aluminum housing.
- Cool: Dissipates heat from entire surface area. Painted.
- Light: Diffuse. Exceeds 1000 lux. 1000 lux spot light test.
- Entire luminaire surface through recessed opening.
- UL listed. 14" x 14" x 1 1/2" galvanized steel. UL listed. 14" x 14" x 1 1/2" through fixture opening.
- UL listed. 14" x 14" x 1 1/2" through fixture opening.

Installation

- 27" hanger bars supplied (2).
- Fully adjustable wall mounting bracket supplied.
- Reflector socket bracket supplied.
- For ease of installation. (See Option -97)
- Necessary for in cover.
- UL listed. (Canada) List.
- Wet, damp or dry location covered.
- ceiling.
- Search circuit conductors (See Option -97)
- Complete standard fixture.



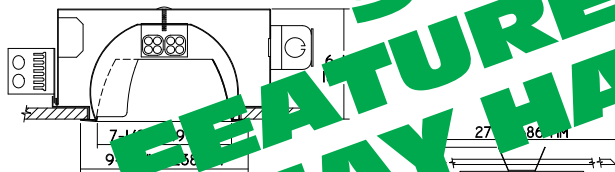
RR90727
7 1/2" 2 QUAD 26
Wall Wash with 360° Adjustability
Type IC with 2 Twin 13 Watt



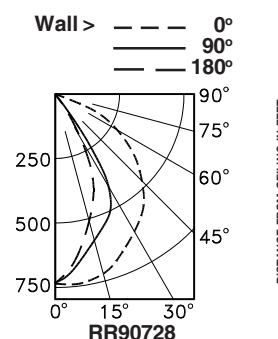
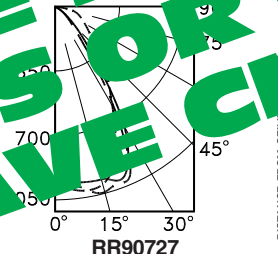
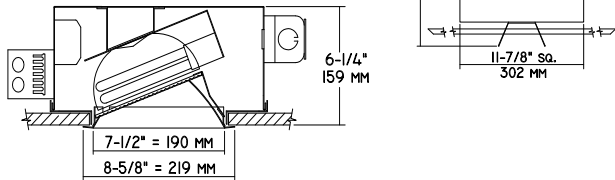
RR90728
7 1/2" 2 QUAD 26
Wall Wash with 360° Adjustability
Type IC with 2 Twin 13 Watt

Performance at a Glance

RR90727



RR90728



DISTANCE FROM CEILING IN FEET	SINGLE FIXTURE						MULTIPLE FIXTURES					
	1	2	3	4	3'	4'	3' CENTERS	4' CENTERS	3' CENTERS	4' CENTERS		
1	8.4	6.8	4.0	2.2	1.2	14.1	13.2	14.1	11.6	9.4	11.6	
2	10.2	8.5	5.4	3.0	1.7	17.8	17.1	17.8	14.4	12.2	14.4	
3	11.2	9.5	6.1	3.4	2.3	19.4	18.5	19.4	15.9	13.2	15.9	
4	10.8	9.5	6.7	4.0	2.9	20.2	19.9	20.2	16.1	14.7	16.1	
5	9.0	8.4	6.4	4.2	2.6	19.4	19.3	19.4	15.0	14.6	15.0	
6	7.2	6.9	5.8	4.2	2.7	17.8	17.9	17.8	13.6	13.7	13.6	
7	5.7	5.6	4.9	3.8	2.7	16.1	16.1	16.1	12.3	12.4	12.3	
8	4.4	4.3	4.0	3.4	2.6	14.2	14.2	14.2	10.9	10.9	10.9	
9	3.6	3.5	3.3	3.0	2.4	12.6	12.6	12.6	9.7	9.7	9.7	

DISTANCE FROM CEILING IN FEET	SINGLE FIXTURE				MULTIPLE FIXTURES						
	1	2	3	4	3' CENTERS	4' CENTERS	3' CENTERS	4' CENTERS			
1	8.2	4.8	2.6	2.0	1.9	16.5	13.0	16.6	14.5	9.5	14.5
2	19.6	14.5	6.2	2.6	2.2	29.2	27.1	29.2	26.4	16.8	26.4
3	17.5	15.6	10.0	4.1	2.5	30.3	33.5	30.3	25.1	24.7	25.1
4	13.2	12.2	9.6	6.3	3.5	30.5	30.2	30.5	22.7	23.8	22.7
5	9.6	9.2	7.9	6.1	4.1	26.8	26.3	26.7	20.2	20.6	20.2
6	7.3	7.1	6.3	5.4	4.1	23.2	23.0	22.9	17.9	17.8	17.9
7	5.8	5.6	5.2	4.6	3.9	20.3	20.3	19.9	15.9	15.7	15.9
8	4.7	4.6	4.3	4.0	3.5	18.0	17.9	17.5	14.0	14.0	14.0
9	4.0	3.9	3.7	3.4	3.1	16.0	15.8	15.4	12.0	12.5	12.3

THE KIRLIN COMPANY

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CENTURY SERIES
ARCHITECTURAL
COMPACT FLUORESCENT LIGHTING

MAXIMUM WATTAGE
2 Quad 26
2 Quad 26

CATALOG NUMBERS
RR90727
RR90728

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) RR90727: TEST NUMBER 41194
RR90728: TEST NUMBER 38062

RR90727

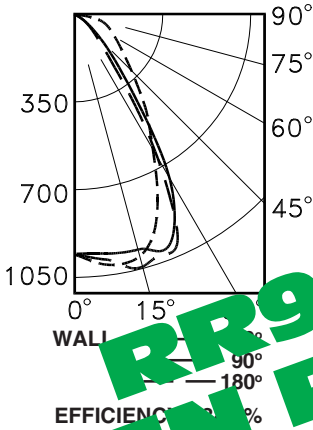
*LER = 20.1
•AEC = \$11.94

CANDLEPOWER DISTRIBUTION

	0.0	90.0	180.0	270.0
0	949	949	949	949
5	987	956	978	934
15	995	948	1034	928
25	808	917	934	821
35	528	565	422	421
45	306	217	102	113
55	172	137	9	17
65	85	73	26	11
75	48	7	0	0
85	26	0	0	0
90	0	0	0	0

COEFFICIENTS OF UTILIZATION

RF	20							
	80			50				
RC	70	50	30	10	50	30	10	
RW	1	43	42	41	40	40	39	38
	2	41	39	37	35	37	35	34
	3	38	37	35	31	34	32	30
	4	36	32	30	28	31	29	27
	5	34	30	27	25	29	27	25
	6	32	28	25	23	27	25	23
	7	30	26	23	21	25	23	21
	8	28	24	21	20	23	21	19
	9	27	22	20	18	22	20	18
	10	25	21	18	17	21	18	17



LER = Luminaire Efficacy Rating
AEC = Annual Energy Cost per 1000 lumens per foot on 3000 hours use @ 10.00 kWh.

RR90728

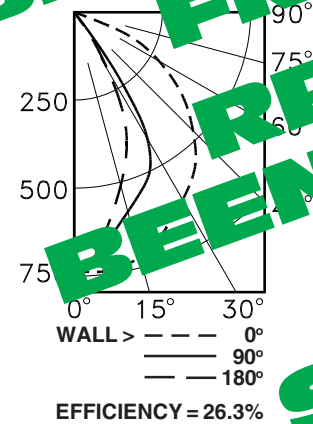
*LER = 16.1
•AEC = \$11.94

CANDLEPOWER DISTRIBUTION

	0.0	45.0	90.0	135.0
0	744	734	734	734
5	744	734	734	734
15	744	734	734	734
25	505	505	530	530
35	328	510	361	361
45	185	234	118	118
55	85	57	30	46
65	45	23	19	19
75	28	55	19	19
85	8	9	0	0
90	2	0	0	0

COEFFICIENTS OF UTILIZATION

RF	20						
	80			50			
RC	70	50	30	10	50	30	10
RW	1	29	28	27	27	26	26
	2	28	26	25	23	25	23
	3	26	24	21	22	21	20
	4	24	22	18	21	19	18
	5	22	20	18	18	17	16
	6	21	18	15	18	16	15
	7	20	17	15	16	15	14
	8	19	16	14	15	14	13
	9	18	15	13	14	13	11
	10	17	14	12	13	12	11



LER = Luminaire Efficacy Rating
AEC = Annual Energy Cost per 1000 lumens per foot on 3000 hours use @ 10.00 kWh.

Options

- 30 White self-flanged lower reflector (CP x .90)
- 31 White flange (only on black self-flanged reflector)
- 32 Trim extender to increase flange O.D. by 1/8"
- 39 Installed C or Q18 (with C or Q18) electronic dimming ballast (CP x .90, W.D.)
- 43 Lower wattage: Specify CP x .113.
- 45 Gasket above reflector flange. Stops dust streaks on ceiling.
- 58 277 volt 60 Hz. ballast instead.
- 70 SofTex Clear softly etched self-flanged lower reflector. Resists smudges. (CP x .93)
- 71 SofTex Dune softly etched self-flanged lower reflector. Resists smudges. (CP x .87)
- 73 Internal emergency "Ni-Cad" battery pack concealed in housing. Controls one lamp.
- 74 Emergency "Ni-Cad" battery pack for use with 4-pin electronic lamps only. Use with Option -96.
- 79 Extension collar for up to 2" thick ceilings.
- 82 Sloped ceiling adapter. Specify slope up to 30° in 5° increments.
- 84 Fixture wired for two circuits. See -FD and -RD.
- 90 SofTex Champagne Gold softly etched self-flanged lower reflector. Resists smudges. (CP x .90)
- 91 SofTex Wheat softly etched self-flanged lower reflector. Resists smudges. (CP x .87)
- 94 Specular Pewter or Umber or specified custom color self-flanged lower reflector. Consult factory.
- 96 Regulating electronic high power factor 0°F single circuit Quad ballast instead. See Options -74, -84 and -LE.
- 97 Other voltage ballast. Consult factory.
- 98 347 volt 60 Hz. ballast instead. Consult factory for dimming.
- 99 Special modification. Consult factory.
- DW Double wall wash 180° opposite.
- FD Double Fused primary. Replaceable. Use with -84.
- FS Fused primary. Replaceable. Aids servicing.
- LE With 4-pin electronic lamps for use with Options -39, -74 or -96. 2700°K or consult factory. Specify wattage and color temperature.
- LP With lamps. 2700°K or consult factory. Specify wattage and color temperature. Also see -LE.
- RD Double radio interference filter. Use with -84.
- RF Radio interference filter. Eliminates feedback.
- WD Wall Dimmer for use with Option -39.

SUBMITTAL DATA

APPROVAL STAMP

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

LIMITED WARRANTY: CATALOGUED 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 the first year 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 on the understanding that other warranties, expressed or implied, shall not in any way be construed to modify, impair, or extend this warranty. Manufacturer will not be held liable for any other damages, direct or indirect, sustained or suffered by purchaser or any person. This warranty is supplied on the understanding that other warranties, expressed or implied, shall not in any way be construed to modify, impair, or extend this warranty.