

Regressed Lens Compact Quad

Features

Lamp

- Designed for:
 - 2 horizontal Quad 13 watt: RR90637.
 - 2 horizontal Quad 18 watt: RR90838.
- 2 pin GX23 base: RR90637.
- 2 pin G24d-2 base: RR90838.
- See Option -43 for lower wattage.

Ballast

- Thermally protected, encased and not standard.
- High power factor standard.
- Single circuit wiring or two-circuit wiring. (See Option -44)
- 120 volt standard or see optional.
- Dimming optional. (See Option -39)
- Electronic ballast. (See Option -96)
- Visible light sensor. (See Option -97)
- Available as Option -FS (single) or -FD (double).

Reflector

- Specular Alzak® aluminum.

Trim Assembly

- Seamless tapered black trim. Groove with white flange. Self-flanged trim.
- Regressed prismatic tempered glass lens. brightness C#73 standard. Regressed lens.
- Torsion spring. Mounts flush to ceiling.

- White flare trim, flat trim or eggcrate louver available. See Options.
- Anopal, acrylic or polycarbonate lens available. See Options.

Housing

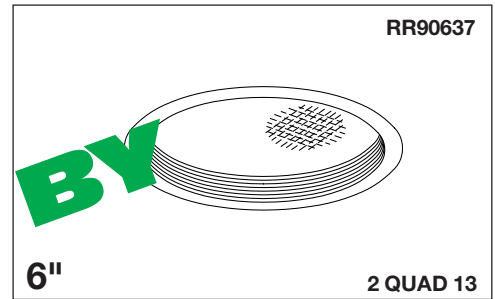
- Acrylic end cap. (See Option -45)
- Clear glass. (See Option -46)
- Heat resistant areas indicated.
- Dustproof: Exceeds 100 hours ASTM 5% salt spray test.
- Removable. Serviced through trim hole.
- Rewired outside. (See Option -47)
- (NEC) galvanized steel. (See Option -48)
- Possible through fixture.
- Mounts in plaster frame.

Installation

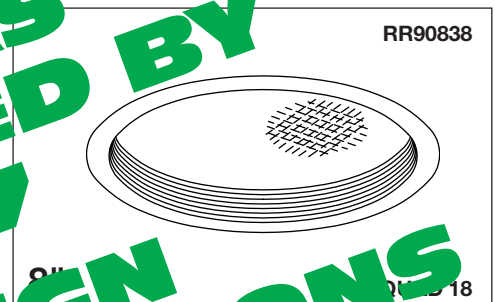
- 27" hanger. (See Option -49)
- Fully adjustable universal mounting. (See Option -50)
- 2 screws applied (2).
- Screws include outdoor-rated cover location.

UL (Underwriters Laboratories) Listing

- Wet location or dry location. (See Option -51)
- Through hole. (See Option -52)
- Through hole. (See Option -53)
- Complete standard fixture.



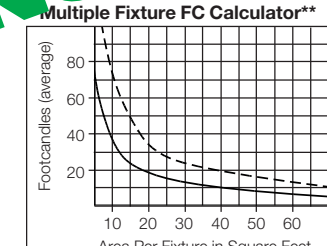
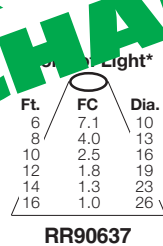
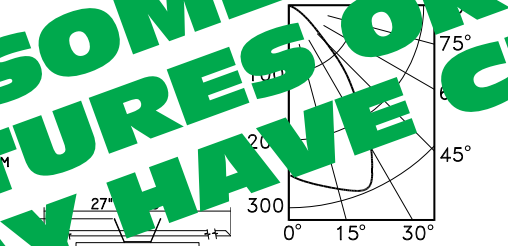
Inconspicuous Lighting



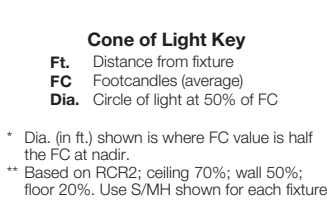
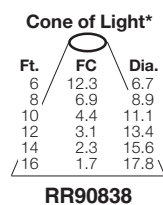
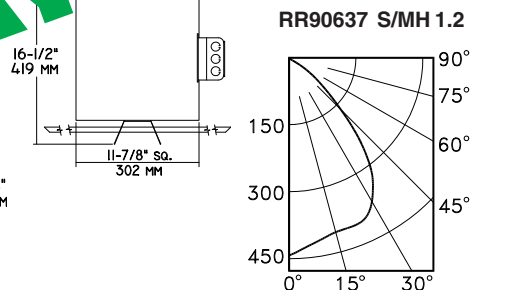
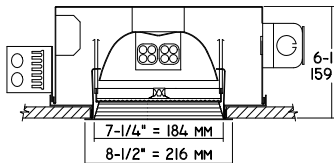
Dimming Optional

Performance at a Glance

RR90637



RR90838



THE KIRLIN COMPANY

3401 EAST JEFFERSON AVENUE • DETROIT, MICHIGAN 48207-4232
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CENTURY SERIES
 ARCHITECTURAL
 COMPACT FLUORESCENT LIGHTING

MAXIMUM WATTAGE
2 Quad 13
2 Quad 18

CATALOG NUMBERS
RR90637
RR90838

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

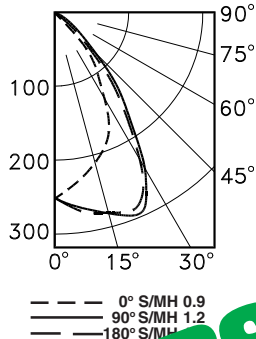
Alzak® is a registered trademark of ALCOA.

Detailed Photometry - Installed Fixture

FROM I.T.L. (BOULDER, CO) RR90637: TEST NUMBER 35779
RR90838: TEST NUMBER 40092

RR90637

*LER = 8.5
•AEC = \$28.30



CANDLEPOWER DISTRIBUTION

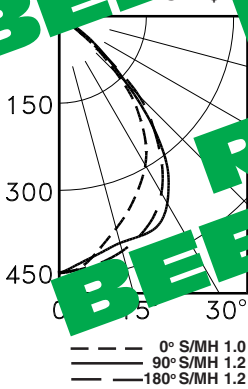
	0.0	45.0	90.0	135.0	180.0
0	255	255	255	255	255
5	244	249	259	263	263
15	218	240	276	283	273
25	174	206	258	262	246
35	108	134	171	170	151
45	50	61	76	73	66
55	25	28	34	32	29
65	12	12	11	11	10
75	5	5	5	5	5
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION

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

RR90838

*LER = 3.7
•AEC = \$15.90



CANDLEPOWER DISTRIBUTION

	0.0	45.0	90.0	135.0	180.0
0	444	444	444	444	444
15	387	424	424	424	424
25	320	393	413	413	413
35	253	326	321	321	321
45	186	245	247	247	247
55	119	174	174	174	174
65	52	80	80	80	80
75	15	22	22	22	22
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION

RF	20						
	80			50			
RC	70	50	30	10	50	30	10
1	34	33	32	32	32	31	31
2	31	31	29	28	29	28	27
3	31	28	26	26	27	25	24
4	29	26	24	24	24	23	21
5	27	24	22	22	22	21	20
6	26	23	21	21	21	20	19
7	25	22	20	20	20	19	18
8	24	21	19	19	19	18	17
9	23	20	18	18	18	17	16
10	22	19	17	17	17	16	15

Options

- 13 Clear 1/8" flat polycarbonate below, with tempered prismatic flat C#73 lens above.
- 14 Drop opal glass instead (RR90637 only).
- 17 Prismatic 3/16" horizontal flared trim instead.
- 18 Anopal flat glass lens instead. Diffusing.
- 20 White 1/2" cut aggregate aluminum trim instead.
- 21 White translucent flat polycarbonate trim instead.
- 32 Trim extender. Broadens beam diameter by 1" to cover larger ceiling opening.
- 39 Installed Q18 electronic dimming ballast for RR90838. Consult factory for Q13 availability. Also see -84, -LE and -WD. Indoor use.
- 40 White grooveless flare trim with regressed tempered C#73 or specify optional lens.
- 43 Lower wattage: Specify 2TT9 or 2TT7 watt (RR90637); 2Q13 watt (RR90838).
- 45 Sloped ceiling adapter between trim and ceiling.
- 47 347 volt 60 Hz ballast instead.
- 48 Internal emergency "Ni-Cad" battery pack for use with 4-pin electronic ballast. See -47 for mounting. Controls one lamp. Sloped visible light located above lens. For indoor use.
- 74 Internal 2 lamp emergency "Ni-Cad" battery pack for use with 4-pin electronic lamps only. Use with Option -96.
- 76 Drop opal polycarbonate lens instead (RR90637 only).
- 82 Sloped ceiling adapter. Specify slope up to 30° in 5° increments.
- 84 Fixture wired for two circuits. See -FD and -RD.
- 94 Custom color trim assembly. Consult factory.
- 96 Regulating electronic HPF 0°F single circuit Quad ballast instead. See -74, -84 and -LE.
- 97 Other voltage ballast. Consult factory.
- 98 347 volt 60 Hz. ballast instead. Consult factory for dimming or Q13 electronic.
- 99 Special modification. Consult factory.
- FD Double Fused primary. Aids servicing. Use with -84.
- FR Fresnel tempered lens. Concentric prisms.
- FS Fused primary. Replaceable. Aids servicing.
- FT Flat white trim instead. With tempered prismatic C#73 lens or specify other lens.
- LE With 4-pin electronic lamps for use with -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 (RR90838; consult factory for RR90637).

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, 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. Abandon use, abuse of fixture, improper installation, or repair, or modification of the fixture without prior written authorization from the manufacturer will void this warranty only.

RR90637 HAS BEEN REPLACED BY FRR-06036
 RR90838 HAS BEEN REPLACED BY FRR-07037
 SOME DESIGN FEATURES OR OPTIONS MAY HAVE CHANGED