

### Regressed Lens Compact Quad

#### Features

##### Lamp

- Designed for:
  - 2 horizontal Quad 13 watt: RS90667.
  - 2 horizontal Quad 18 watt: RS90868.
- 2 pin GX23 base: RS90667.
- 2 pin G24d-2 base: RS90868.
- See Option -43 for lower voltage.

##### Ballast

- Thermally protected, fused and protected standard.
- High power factor standard.
- Single circuit with two or two-circuit wiring (See Option -39).
- Dimmer optional. (See Option -39).
- Electronic optional. (See Option -96).
- Visible and easily serviced in all ceilings.

##### Fuse

- Available as Option -FS (single or full) (double).

##### Reflector

- Highly specular 94% reflectivity aluminum.

##### Trim Assembly

- Tapered black trim with white flange.
- Self-flanged trim.

- Regressed, tempered prismatic lens.
- Torsion springs retain lens in ceiling.
- White grooves as flange trim and other lens trim are optional. See Options.

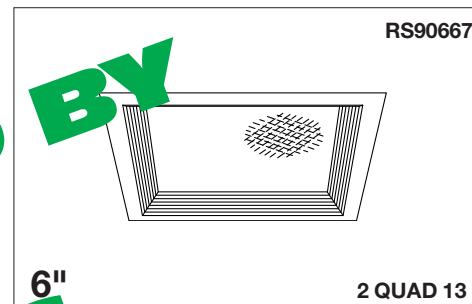
- Enamel coated metal.
- Cool: Dissipates heat across entire surface.
- Paint: Gloss: Exceeds 100% gloss at 90° M 5%.
- Salt spray test.

- Entire luminaire covered through removably.
- Removable outlet box; 14GA (NEC) size.
- Steel. UL listed. Access through fixture opening.

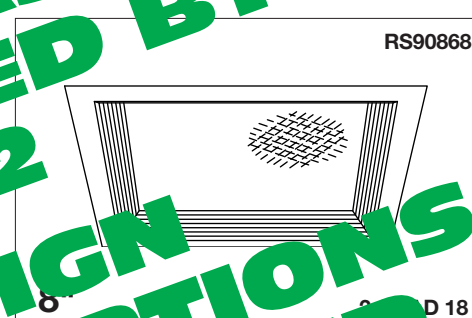
- Built-in dimmer.
- Longer bars (2).
- Fully adjustable mounting bracket (2).
- Plastic indoor or outdoor.

- UL, C-UL (See Listings).
- Indoor or outdoor locations, covered.
- Through-branch circuit (12).

- Three Year Limited Warranty.
- Complete fixture.



6" 2 QUAD 13



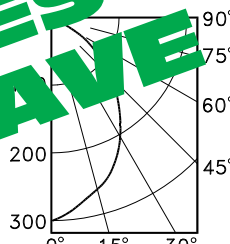
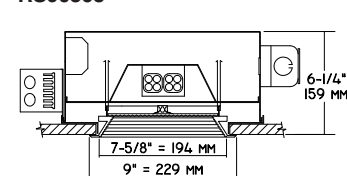
8" 2 QUAD 18

#### Performance at a Glance

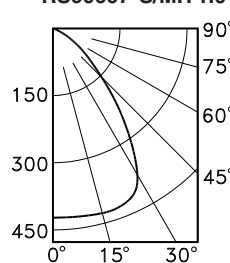
RS90667



RS90868



RS90667 S/MH 1.0



RS90868 S/MH 1.3

**Cone of Light\***

Ft.	FC	Dia.
6	8.3	10
8	4.7	13
10	3.0	16
12	2.1	20
14	1.5	23
16	1.2	26

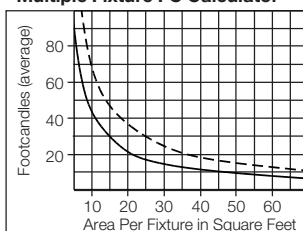
RS90667

**Cone of Light\***

Ft.	FC	Dia.
6	11.3	10
8	6.4	14
10	4.1	17
12	2.8	21
14	2.1	24
16	1.6	28

RS90868

Multiple Fixture FC Calculator \*\*



RS90667 — RS90868 - - -

**Cone of Light Key**  
Ft. Distance from fixture  
FC Footcandles (average)  
Dia. Circle of light at 50% of FC

\* Dia. (in. ft.) shown is where FC value is half the FC at nadir.  
\*\* Based on RCR2; ceiling 70%; wall 50%; floor 20%. Use S/MH shown for each fixture.  
Distribution curves and S/MH data shown are 90° to lamp axis.

## THE KIRLIN COMPANY

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CENTURY SERIES  
ARCHITECTURAL  
COMPACT FLUORESCENT LIGHTING

MAXIMUM WATTAGE

2 Quad 13  
2 Quad 18

CATALOG NUMBERS

RS90667  
RS90868

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



RS90667  
RS90868

## RECESSED SQUARE: QUAD 13 AND 18 WATT COMPACT FLUORESCENT

KIRLIN

### Detailed Photometry - Installed Fixture

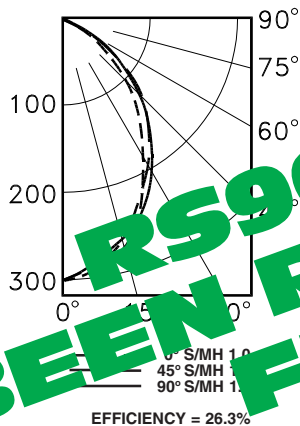
FROM I.T.L. (BOULDER, CO) RS90667: TEST NUMBER 36969  
RS90868: TEST NUMBER 36507

RS90667

\*LER = 10.2  
•AEC = \$23.46

#### CANDLEPOWER DISTRIBUTION

#### COEFFICIENTS OF UTILIZATION



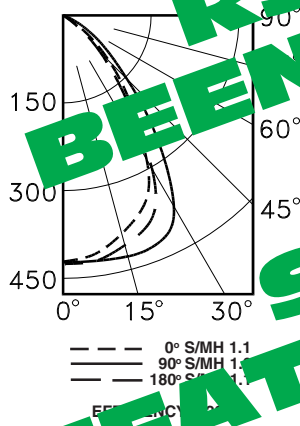
	0.0				20				50			
	0	5	15	30	45	60	75	90	0	5	15	30
0	299	299	299	299	299	299	299	299	70	50	30	10
5	297	297	297	297	297	297	297	297	30	29	28	27
15	295	295	295	295	295	295	295	295	28	26	25	24
30	293	293	293	293	293	293	293	293	26	24	23	21
45	291	291	291	291	291	291	291	291	24	22	20	19
60	289	289	289	289	289	289	289	289	23	20	18	17
75	287	287	287	287	287	287	287	287	21	19	17	15
90	285	285	285	285	285	285	285	285	20	17	15	14
100	283	283	283	283	283	283	283	283	19	16	14	12
110	281	281	281	281	281	281	281	281	18	15	13	11
120	279	279	279	279	279	279	279	279	17	14	12	10

RS90868

\*LER = 14.4  
•AEC = \$23.46

#### CANDLEPOWER DISTRIBUTION

#### COEFFICIENTS OF UTILIZATION



	0.0				20				50			
	0	5	15	30	45	60	75	90	0	5	15	30
0	408	408	408	408	408	408	408	408	70	50	30	10
5	406	406	406	406	406	406	406	406	30	29	28	27
15	404	404	404	404	404	404	404	404	28	26	25	24
30	402	402	402	402	402	402	402	402	26	24	23	21
45	400	400	400	400	400	400	400	400	24	22	20	19
60	398	398	398	398	398	398	398	398	23	20	18	17
75	396	396	396	396	396	396	396	396	21	19	17	15
90	394	394	394	394	394	394	394	394	20	17	15	14
100	392	392	392	392	392	392	392	392	19	16	14	12
110	390	390	390	390	390	390	390	390	18	15	13	11
120	388	388	388	388	388	388	388	388	17	14	12	10

### Options

- 13 Clear 1/8" flat polycarbonate below, with tempered prismatic flat C#73 lens above.
- 17 Prismatic 3/16" high strength acrylic instead.
- 18 Anoplat flat glass. Not enameled. Diffusing.
- 20 White 1/2" cube eggcrate aluminum louver.
- 21 White translucent flat polycarbonate instead.
- 39 Installed Q18 electronic dimming ballast. Consult factory for Q13 availability or quantity and type required. Also see -LE and -WD.
- 40 White grooveless flare trim with regressed tempered C#73 or specify optional lens.
- 43 Lower wattage: Specify 2TT9 watt (RS90667); 2Q13 watt (RS90868).
- 45 Gasket between trim and ceiling.

- 46 Gasket between trim and lens.
- 58 277 volt 60 Hz. ballast instead.
- 73 Internal emergency "Ni-Cad" battery pack concealed in housing. Controls one lamp. Switch and 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 (RR90868). Use with Option -96.
- 84 Fixture wired for two circuits. See -FD and -RD.
- 94 Custom color trim assembly. 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 or Q13 electronic.
- 99 Special modification. Consult factory.
- FD Double Fused primary. One per ballast. Replaceable. For use with Option -84.
- FS Fused primary. One per fixture. 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. For use with Option -84.
- RF Radio interference filter. Eliminates feedback.
- WD Wall Dimmer for use with Option -39 (RS90868; consult factory for RS90667).

### 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 the 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.