

4 and 9-Cell Parabolic Louver

Features

Lamp

- Designed for:
2 horizontal Quad 26 watt: RS90960.
3 horizontal Biax 18 watt: RS91261.
- 2 pin G24d-3 base: RS90960.
- 4 pin 2G11 base: RS91261.
- See Option -43 for lower wattage.

Ballast

- Thermally protected, encased and potted standard.
- High power factor standard.
- Single-circuit wiring standard. Optional two-circuit wiring. (See Option -84) Consult factory for three-circuit (RS91261 only).
- 120 volt standard or see optional voltages.
- Dimming optional for RS90960. (See -39)
- Electronic optional. (See Option -96)
- Visible and easily serviced in all ceilings.

Fuse

- Available as Option -FS (single) or -FD (double). Consult factory for triple.

Reflector

- Highly specular, 94% reflectivity full-size non-iridescent reflector.

- Semi-specular, anodized, snap-in, self-flanged parabolic louver. 4-cell for RS90960; 9-cell for RS91261.
- Louver is full 3" deep for superior shielding angle and low brightness.

Housing

- Acrylic enameled aluminum.
- Cool: Dissipates heat across entire surface area. Ventilated.
- Bustproof: Exceeds 1000 hour ASTM 5% salt spray test.
- Entire luminaire serviced through removable parabolic louver.
- Prewired outlet box; 14GA (NEC) galvanized steel, UL listed. Accessible through fixture opening.
- Built-in plaster frame.

Installation

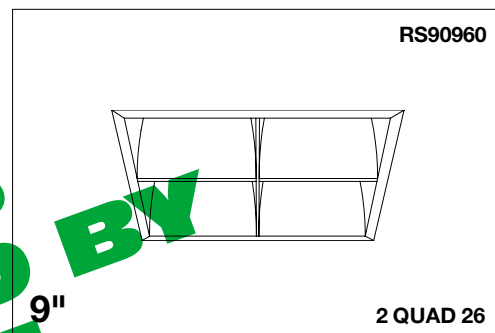
- 27" hanger bars supplied (2).
- Fully adjustable universal mounting brackets supplied (2).
- Recesses indoor or outdoor in covered locations.

UL, C-UL (Canada) Listings

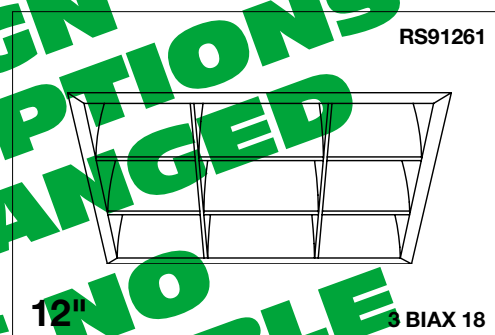
- Wet, damp or dry locations, covered ceilings.
- Through-branch circuit conductors (6 #12).

Three Year Limited Warranty

- Complete standard fixture.



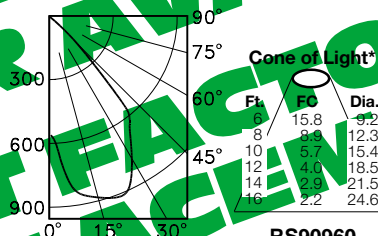
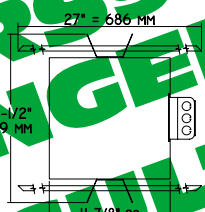
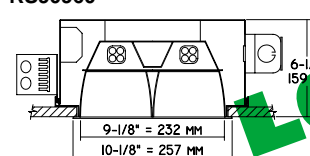
4-Cell Low Brightness



9-Cell 45° Cut-off

Performance at a Glance

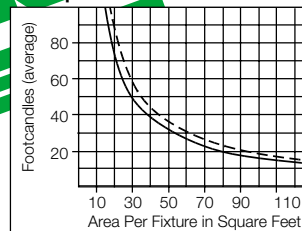
RS90960



RS90960

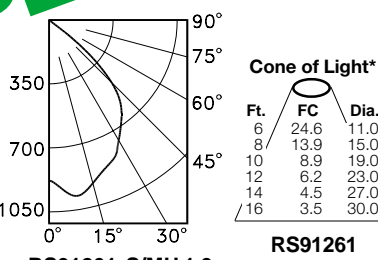
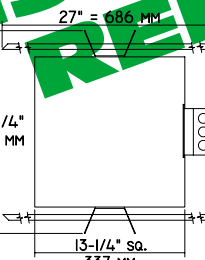
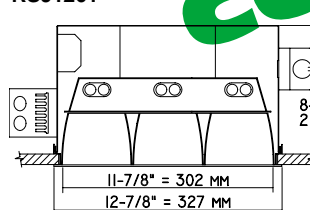
RS90960 S/MH 1.6

Multiple Fixture FC Calculator **



RS90960 — RS91261 - - -

RS91261



RS91261

RS91261 S/MH 1.3

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 26
3 Biax 18**

CATALOG NUMBERS

**RS90960
RS91261**

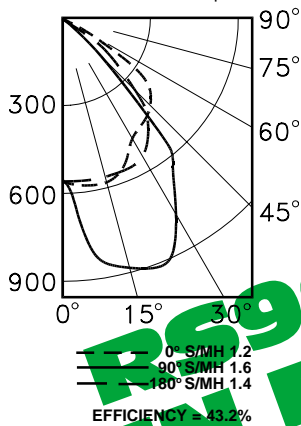
THE KIRLIN COMPANY RESERVES THE RIGHT TO CHANGE, WITHOUT NOTICE, DETAILS OR SPECIFICATIONS IN PRODUCT DESIGN.

Detailed Photometry - Installed Fixture

FROM I.T.L. (BOULDER, CO) RS90960: TEST NUMBER 42080
RS91261: TEST NUMBER 36645

RS90960

*LER = 22.4
•AEC = \$10.72



CANDLEPOWER DISTRIBUTION

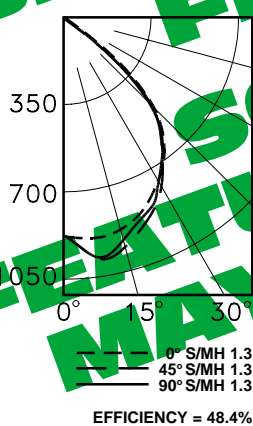
	0.0	45.0	90.0	135.0	180.0
0	569	569	569	569	569
5	573	594	643	616	582
15	582	794	875	802	569
25	523	824	887	831	551
35	460	721	649	768	501
45	421	465	164	471	371
55	276	118	75	101	202
60	35	28	23	22	24
75	9	9	7	7	4
85	2	2	2	3	0
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION

RF	20						
RC	80				50		
RW	70	50	30	10	50	30	10
48	47	46	44	44	43	42	
45	42	40	38	40	39	37	
42	38	36	34	37	34	33	
39	35	32	30	33	31	29	
36	32	29	26	30	28	26	
34	29	26	23	28	25	23	
32	27	23	21	26	23	21	
30	24	21	19	24	21	19	
28	23	19	17	22	19	17	
26	21	18	16	20	17	16	

RS91261

*LER = 16.2
•AEC = \$14.82



HANDLEPOWER DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0
	887	887	887	887	887
5	904	917	939	945	946
15	882	948	983	961	927
5	809	886	854	856	835
15	700	727	698	710	701
45	495	506	498	471	447
55	186	187	159	122	102
	19	22	23	23	21
75	5	7	8	8	7
85	2	2	2	2	2
90	0	0	0	0	0

COEFFICIENT OF UTILIZATION

[illegible]

Options

- 15 Prismatic tempered, shock-resisting, low brightness flat C#73 spread distribution lens above louver.
- 30 White parabolic louver and flange. (CP x .88)
- 31 White flange (only) on clear parabolic louver.
- 39 Installed Quad electronic dimming ballast for RS90960 only. Consult factory for quantity and type required. Also see -LE and -VD.
- 43 Lower wattage: Specify Q218 or 2TT13 (RS90960); 3TT13 (RS91261).
- 45 Gasket between trim and ceiling.
- 58 277 volt 60 Hz. ballast instead.
- 73 Internal emergency "Ni-Cad" battery pack concealed in housing. Switch and light unobtrusively located inside reflector. For

- indoor use.
- 74 Internal 2 lamp emergency "Ni-Cad" battery pack for use with 4-pin electronic lamps only. Use with Option -96.
- 84 Fixture wired for two circuits. (RS91261: 1-1 lamp plus 1-2 lamp.) Consult factory for three circuit. See Options -FD and -RD.
- 94 Custom color self-flanged parabolic louver. Consult factory.
- 96 Regulating electronic high power factor 0°F (RS90960) or 50°F (RS91261) ballast instead. (RS90960: single circuit. RS91261: 1-1 lamp plus 1-2 lamp.) Consult factory for triple. 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.
- RD Double fused primary. Replaceable. For use with Option -84. Consult factory for triple.
- FS Fused primary. Replaceable. Aids servicing.
- LE With 4-pin electronic lamps for use with Options -39 (RS90960), -74 or -96. 2700°K or consult factory. Specify wattage and color temperature.
- LP With lamps. 2700°K (Biax: 3000°K) or consult factory. Specify wattage and color temperature. Also see Option -LE.
- RD Double radio interference filter. For use with Option -84. Consult factory for triple.
- RF Radio interference filter. Eliminates line feedback.
- WD Wall Dimmer for use with Option -39 (RS90960).

SUBMITTAL DATA

APPROVAL STAMP

JOB NAME _____

TYPE

WATTAGE _____ VOLTAGE _____

CATALOG NUMBER

LIMITED WARRANTY. CATALOGUE KILN/UTENSILS ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR THREE YEARS FROM DATE OF PURCHASE. IN NORMAL USE, manufacturer at this option will replace or repair such parts which are supplied on the purchase price on presentation of a proof of purchase and defective fixture at the office 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 on any per basis. This warranty may be applied to other products placed at different 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 the fixture, improper installation, or repair, or modification of the fixture without prior written authorization from manufacturer will void the warranty void.