

2 or 3 Quad 26 Low Brightness

Features

Lamp

- Designed for:
 - 2 horizontal Quad 26 watt: RR90911.
 - 3 horizontal Quad 26 watt: RR91012.
- 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 double circuit wiring. (See Option -39 and -84) Consult factory for double circuit (RR91012 only).
- 120 volt standard or special order voltages.
- Dimming capability. (See Option -39)
- Fluorescent compatible. (See Option -39)
- Can be easily serviced through trimmings.

Fuse

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

Reflector

- Self-flanged low iridescence specular Alzak® aluminum reflector.
- Optional SofTex softly etched finish. Dune, Champagne and other finishes available.

- Optional OptiGroove assembly available.

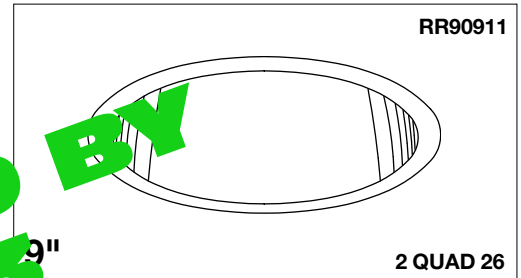
Housing

- Acrylic enameled aluminum.
- Cool: Dissipates heat across entire surface area. Ventilation holes.
- Rustproof. Exceeds 1000 hour ASTM B117 salt spray test.
- Interior luminaire cavity through removable reflector.
- Painted outside box, 14GA (NEC) minimum steel. UL listed for use in rough fixture applications.
- Built-in recessed trim.

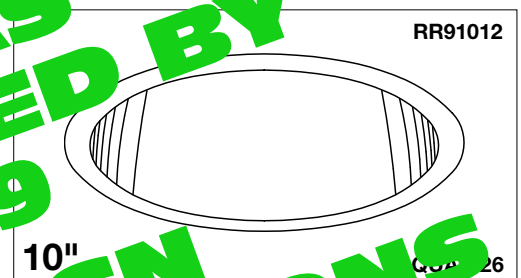
- 2" diameter bars supplied (2) per fixture.
- Fully adjustable universal mounting brackets supplied.
- Reflector and mounting bracket adjustable for ease of installation.
- Includes indoor and outdoor covered locations.

UL, CUL (Canada) Listings

- UL listed for use in damp or dry locations.
- Through hole for wires and conductors.
- 2 Year Limited Warranty.
- Complete standard fixture.



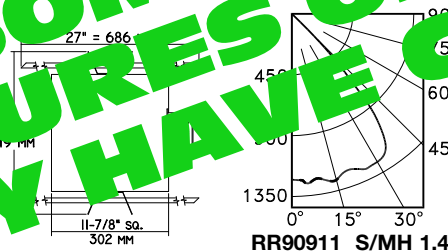
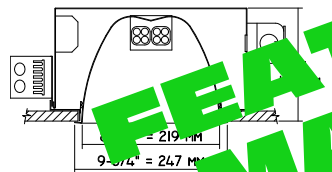
Precise 45° Cut-off
200 Watt Incandescent Equivalent



300 Watt Incandescent Equivalent
1, 2, 3 Cuts Available

Performance at a Glance

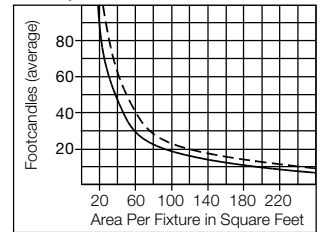
RR90911



Ft.	FC	Dia.
6	33.4	7.7
8	18.8	10.3
10	12.0	12.9
12	8.3	15.5
14	6.1	18.1
16	4.7	20.7

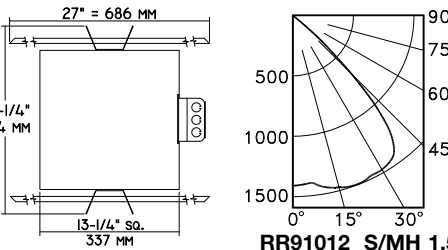
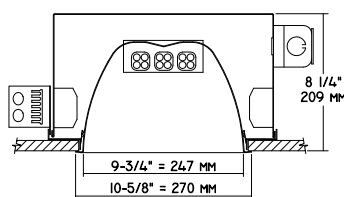
RR90911

Multiple Fixture FC Calculator **



RR90911 ——— RR91012 - - - -

RR91012



Ft.	FC	Dia.
6	38.6	8.1
8	21.7	10.8
10	13.9	13.5
12	9.7	16.1
14	7.1	18.8
16	5.4	21.5

RR91012

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 Quad 26

CATALOG NUMBERS

RR90911
RR91012

Detailed Photometry - Installed Fixture

FROM I.T.L. (BOULDER, CO) RR90911: TEST NUMBER 38278
RR91012: TEST NUMBER 40094

RR90911

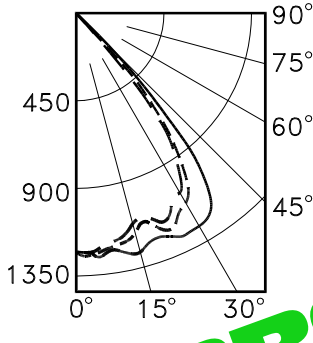
*LER = 27.3
•AEC = \$8.79

CANDLEPOWER DISTRIBUTION

	0.0	45.0	90.0	135.0	180.0
0	1202	1202	1202	1202	1202
5	1222	1212	1212	1201	1205
15	1164	1252	1253	1231	1128
25	1171	1210	1237	1182	1126
35	909	1056	1118	1039	871
45	270	314	322	271	216
55	10	4	3	6	6
65	0	0	0	0	0
75	0	0	0	0	0
85	0	0	0	0	0
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION

RF	20						
	80			50			
RC	70	50	30	10	50	30	10
1	60	58	57	55	55	54	53
	56	53	51	49	51	49	48
	53	49	46	44	47	45	43
	50	47	44	41	44	41	39
5	47	44	41	38	40	38	35
	43	39	35	33	38	35	32
	41	36	32	30	35	32	30
8	39	33	30	27	32	29	27
	37	31	28	25	30	27	25
	35	29	26	23	28	25	23



EFFICIENCY = 52.7%
•AFC = Annual Energy Cost per 1000 lumens (based on 1000 hours use @ \$0.10/kWh)

RR91012

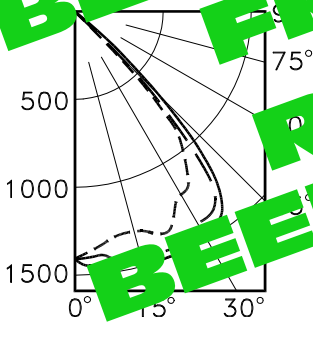
*LER = 24.3
•AEC = \$9.09

CANDLEPOWER DISTRIBUTION

	0.0	45.0	90.0	135.0	180.0
0	913	1390	1390	1390	1390
5	913	1365	1400	1380	1413
15	1294	1210	1240	1196	1456
25	1210	1180	1230	1159	1410
35	743	1030	1090	1010	870
45	210	570	570	490	512
55	31	2	1	2	2
65	0	0	0	0	0
75	0	0	0	0	0
85	0	0	0	0	0
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION

RF	20						
	80			50			
RC	70	50	30	10	50	30	10
1	61	50	49	48	48	47	47
	57	47	45	43	45	43	42
	53	47	43	40	41	39	37
	47	43	40	38	38	35	34
3	44	40	37	35	35	32	30
5	41	37	33	30	31	28	26
6	38	33	30	28	28	25	23
	34	29	26	23	28	25	23
9	33	27	24	21	26	23	21
	30	24	21	19	24	21	19



EFFICIENCY = 46.8%

Options

- 31 White reflector trim, self-flanged.
- 32 Trim extender. Broadens trim flange 1/2" by 1/2".
- 39 Installed Q26 or Q18 (with electronic dimming ballast) - See Option -WD.
- 43 Lower wattage lamps (e.g., 2TT13 watt (RR90911); 3QT13 watt (RR91012)).
- 45 Gasket above reflector flange.
- 48 Center lamp converted to night (RR91012). TT13 (std) or specify TT9 or TT7. Use with -84.
- 58 277 volt 60 Hz. ballast instead.
- 70 SofTex Clear self-flanged reflector. (CP x .93)
- 71 SofTex Dune self-flanged reflector. (CP x .87)
- 73¹ Internal emergency "Ni-Cad" battery pack concealed in housing. Controls one lamp. Switch and light unobtrusively located inside reflector. For indoor use.
- 74¹ Internal emergency "Ni-Cad" battery pack concealed in housing. Controls one lamp only. Use with Option -73.
- 79 Extension pole for 2" thick ceilings.
- 82 Sloped mounting adapter for RR90911. Specify slope 0 to 30° in 5° increments.
- 90 SofTex Champagne Gold self-flanged reflector. (CP x .90)
- 91 SofTex Wheat self-flanged reflector. (CP x .87)
- 94 Specular Pewter or other specified custom color self-flanged reflector. Consult factory.
- 96 Regulating electronic high power factor 0°F single circuit Quad ballast instead. See Options -74, -84 and -LE. Consult factory for triple.
- 97 Other voltage ballast. Consult factory.
- 98 347 volt 60 Hz. ballast instead. Consult factory for dimming.
- 99 Special modification. Consult factory.
- FD 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, -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.
- OG OptiGroove black seamless tapered aluminum assembly. White trim, self-flanged. (CP x .75)
- RD Double radio interference filter. For use with Option -84. Consult factory for triple.
- 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 _____

¹Housing size (RR90911 only) increases to 13-1/4" square x 8-3/8" with Option -73 or -74.

LIMITED WARRANTY: CATALOGUED KIRLIN FIXTURES ARE WARRANTIED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR THREE YEARS FROM DATE OF PURCHASE. INSTALL TO N.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 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 or any person. This warranty is supplied to the buyer without charge, expressed or implied. Seller does not warrant merchantability or fitness for a particular use, nor will any oral statement constitute a warranty or amend this specific warranty. Abandonment of the fixture, improper installation, repair, or modification of the fixture without prior written authorization from the manufacturer will render the warranty void.

RR90911 HAS BEEN REPLACED BY FRR-09010-43
 RR91012 HAS BEEN REPLACED BY FRR-10019
 SOME DESIGN FEATURES OR OPTIONS MAY HAVE CHANGED