

Wall Wash: 360° Adjustability - Type IC

Features

Lamp

- Designed for:
 - 1 vertical Quad 13 watt: RR90623.
 - 1 vertical Quad 26 watt: RR90724.
- 2 pin GX23 base: RR90623.
- 2 pin G24d-3 base: RR90724.
- See Option -43 for lower wattage.

Ballast

- Thermally protected, encased and potted standard.
- High power factor standard.
- 120 volt standard or see optional voltages.
- Dimming optional. (See Option -39)
- Electronic optional. (See Option -96)
- Visible and easily serviced in all ceilings.

Fuse

- Available as Option -FS.

Reflector

- Inner: Self-flanged low iridescence specular Alzak® aluminum. Adjusts from 0° to 360° for precise wall wash position.
- Optional SofTex softly etched Clear, Dune, Champagne Gold or Wheat available.
- Optional double wall wash available.
- Outer: Etched and anodized 100% aluminum for uniform wall washing.

Housing

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

Installation

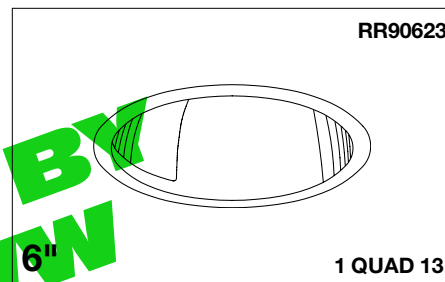
- 27" hanger bars supplied (2).
- Fully adjustable universal mounting brackets supplied (2).
- Reflector and socket bracket adjust as unit for ease of installation.
- Recesses indoor or outdoor in covered locations.

UL, C-UL (Canada) Listings

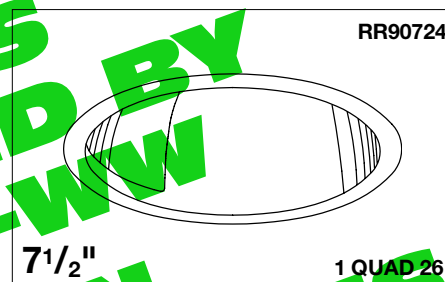
- Wet, damp or dry locations, covered ceilings.
- Through-branch circuit conductors (6 #12).
- Type IC - Approved for direct contact with insulation.

Three Year Limited Warranty

- Complete standard fixture.



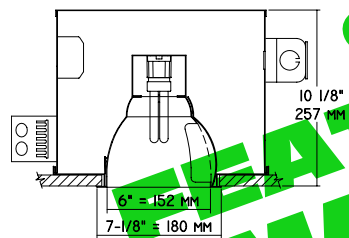
Architectural Accent Lighting



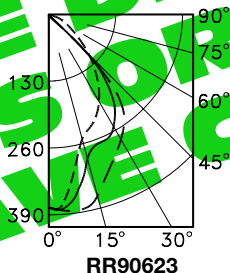
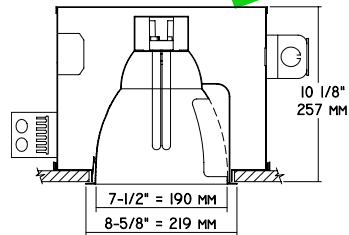
Dimming Optional

Performance at a Glance

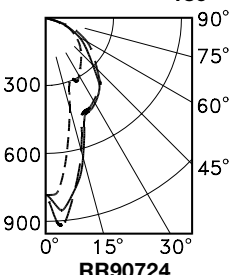
RR90623



RR90724



RR90623



RR90724

DISTANCE FROM CEILING IN FEET	SINGLE FIXTURE				MULTIPLE FIXTURES					
	1'	2'	3'	4'	3' CENTERS		4' CENTERS			
	0.2	0.2	0.2	0.1	1.0	1.0	1.0	0.8	0.8	0.8
1	0.2	0.2	0.2	0.1	1.1	1.1	1.1	1.0	0.9	1.0
2	0.3	0.3	0.2	0.2	5.6	5.9	5.6	5.3	3.8	5.3
3	4.6	3.5	1.7	0.2	8.1	7.4	8.1	6.5	5.4	6.5
4	5.0	3.9	2.5	1.3	4.0	3.3	2.4	1.5	0.9	7.8
5	4.0	3.3	2.4	1.5	6.9	6.7	6.9	5.4	5.1	5.4
6	3.0	2.5	2.0	1.4	6.0	5.8	6.0	4.7	4.4	4.7
7	2.2	1.9	1.6	1.2	5.1	4.9	5.1	4.0	3.8	4.0
8	1.6	1.4	1.2	1.0	4.4	4.3	4.4	3.5	3.3	3.5
9	1.3	1.1	1.0	0.9						

RR90623

DISTANCE FROM CEILING IN FEET	SINGLE FIXTURE				MULTIPLE FIXTURES					
	1'	2'	3'	4'	3' CENTERS		4' CENTERS			
	6.9	5.1	2.6	1.1	10.3	9.3	10.3	6.4	8.9	6.4
1	6.9	5.1	2.6	1.1	10.3	9.3	10.3	6.4	8.9	6.4
2	12.2	9.7	6.2	3.3	20.5	19.4	20.5	14.0	16.7	14.0
3	11.2	9.3	6.5	4.1	22.2	21.5	22.2	15.8	17.7	15.8
4	8.7	7.6	5.7	3.9	19.9	19.7	19.9	14.8	15.7	14.8
5	6.2	5.5	4.7	3.5	16.8	16.5	16.8	12.8	13.0	12.8
6	4.5	4.1	3.6	2.9	13.8	13.6	13.8	10.6	10.8	10.6
7	3.3	3.1	2.8	2.4	11.5	11.3	11.5	8.8	9.0	8.8
8	2.5	2.3	2.2	1.9	9.5	9.4	9.5	7.4	7.5	7.4
9	2.0	2.0	1.8	1.6	8.2	8.2	8.2	6.4	6.5	6.4

RR90724

THE KIRLIN COMPANY

3401 EAST JEFFERSON AVENUE • DETROIT, MICHIGAN 48207-4232
(313) 259-6400 • Fax: (313) 259-9409 OR (313) 259-3121

CENTURY SERIES
ARCHITECTURAL
COMPACT FLUORESCENT LIGHTING

MAXIMUM WATTAGE
1 Quad 13
1 Quad 26

CATALOG NUMBERS
RR90623
RR90724

Detailed Photometry - Installed Fixture

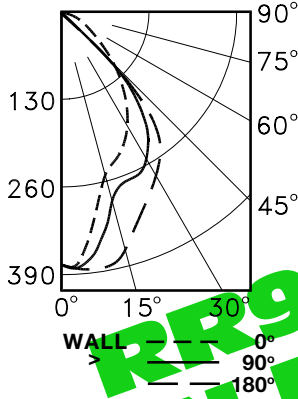
FROM I.T.L. (BOULDER, CO) RR90623: TEST NUMBER 41105
RR90724: TEST NUMBER 42377

RR90623

*LER = 21.7
•AEC = \$11.08

CANDLEPOWER DISTRIBUTION

COEFFICIENTS OF UTILIZATION



	0.0	45.0	90.0	135.0	180.0
0	370	370	370	370	370
5	363	371	372	371	380
15	254	242	301	320	372
25	216	209	270	252	317
35	168	172	221	198	250
45	97	101	112	101	126
55	49	43	4	4	4
65	28	26	1	1	1
75	12	10	1	1	1
85	2	2	0	0	1
90	0	0	0	0	0

RF	20						
	80			50			
	70	50	30	10	50	30	10
RC							
RW	63	61	59	58	57	56	55
	59	55	53	50	53	51	49
	55	51	47	45	48	46	44
	51	46	43	40	44	42	39
	48	43	39	36	41	38	35
	45	39	35	33	38	35	32
	42	36	32	30	35	32	29
	40	34	30	27	33	29	27
	38	31	28	25	31	27	25
	36	29	26	23	29	25	23

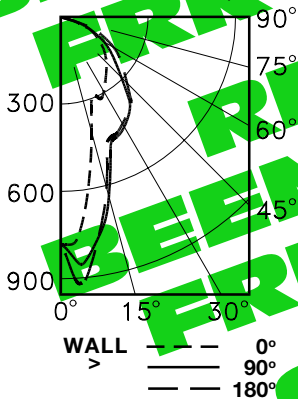
EFFICIENCY = 55.7%
 *LER = Luminaire Efficacy Rating
 •AEC = Annual Energy Cost per 100 lumens per foot on 3000 hours use (1.08 kWh).

RR90724

*LER = 33.3
•AEC = \$7.21

CANDLEPOWER DISTRIBUTION

COEFFICIENTS OF UTILIZATION



	0.0	45.0	90.0	135.0	180.0
0	814	814	814	814	814
5	756	810	864	886	910
15	427	483	633	599	605
25	327	323	462	447	455
35	268	279	398	385	401
45	220	223	282	278	307
55	176	180	194	194	218
65	128	122	105	112	133
75	54	38	3	29	70
85	0	0	0	0	0
90	0	0	0	0	0

RF	20						
	80			50			
	70	50	30	10	50	30	10
RC							
RW	71	68	66	64	64	63	61
	65	61	57	54	57	54	52
	60	54	50	46	51	48	45
	56	49	44	40	46	42	39
	51	44	39	35	42	38	34
	48	40	35	31	38	34	31
	45	37	31	28	35	31	28
	42	34	29	25	33	28	25
	39	31	26	23	30	26	23
	37	29	24	21	28	24	21

EFFICIENCY = 64.2%
 Estimated Multipliers
 -70 Softex Clear: CP x .93
 -71 Softex Dune: CP x .87
 -90 Softex Champagne Gold: CP x .90
 -91 Softex Wheat: CP x .87

Options

- 31 White reflector trim, self-flanged.
- 32 Trim extender. Broadens trim flange O.D. by 1" to cover larger ceiling opening.
- 39 Installed Q26 or Q18 (With Option -43) electronic dimming ballast. Consult factory for Q13 availability. Also see Options -LE and -WD.
- 43 Lower wattage: Specify 1Q9 (RR90623); 1Q18 or 1Q13 (RR90724).
- 45 Gasket above reflector flange. Stops dust streaks on ceiling.
- 58 277 volt 60 Hz. ballast instead.
- 70 Softex Clear softly etched self-flanged reflector. Resists smudges. (CP x .93)
- 71 Softex Dune softly etched self-flanged reflector. Resists smudges. (CP x .87)
- 73 Internal emergency "Ni-Cad" battery pack concealed in housing. Switch and light unobtrusively located inside reflector. For indoor use.
- 79 Extension collar for up to 2" thick ceilings.
- 90 Softex Champagne Gold softly etched self-flanged reflector. Resists smudges. (CP x .90)
- 91 Softex Wheat softly etched self-flanged reflector. Resists smudges. (CP x .87)
- 94 Specular Pewter or other specified custom color self-flanged reflector. Consult factory.
- 96 Regulating electronic high power factor 0°F ballast instead (minimum Q13 watt). See -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.
- DW Double wall wash. 180° opposite.
- FS Fused. Replaceable. Aids servicing.
- LE With 4-pin electronic lamp for use with Options -39 or -96. 2700°K or consult factory. Specify wattage and color temperature
- LP With lamp. 2700°K or consult factory. Specify wattage and color temperature. Also see -LE.
- RF Radio interference filter. Eliminates line feedback.
- WD Wall Dimmer for use with Option -39 (RR90724; consult factory for RR90623). Controls 40 lamps if 277 volt; 20 lamps if 120 volt.

SUBMITTAL DATA

APPROVAL STAMP

JOB NAME _____

TYPE _____

WATTAGE _____ VOLTAGE _____

CATALOG NUMBER _____

LIMITED WARRANTY: CATALOGUED KIRLIN FIXTURES ARE WARRANTIED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR THREE YEARS FROM DATE OF PURCHASE. INSTALLATION 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 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. Abuse of the fixture, improper installation, repair, or modification of the fixture without prior written authorization from the manufacturer will render the warranty void.