

### Eight Optional Lower Reflector Finishes

#### Features

##### Lamp

- Designed for:
  - 2 horizontal Twin Tube 13 watt: RR90715.
  - 2 horizontal Quad 26 watt: RR90716.
- 2 pin GX23 base: RR90715.
- 2 pin G24d-3 base: RR90716.
- See Option -43 for lower wattage.

##### Ballast

- Thermally protected ballast, potted standard.
- High power factor standard.
- Single circuit wiring. Optional two-circuit wiring. (See Option -37)
- 120 volt standard. See optional voltage for RR90716.
- Dimmable optional for RR90716. (See Option -39)
- Electronic optional for RR90716. (See Option -96)
- Visible and easily serviced in all wiring.

##### Fuse

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

##### Reflectors

- Clear specular Alzak aluminum upper reflector.
- Self-flanged translucent specular Alzak aluminum lower reflector.
- Optional SofTex softly etched Clear, Dune, Champagne Gold or Wheat lower reflectors available.

- Optional White, Dune, Champagne Gold or Wheat lower reflectors available.

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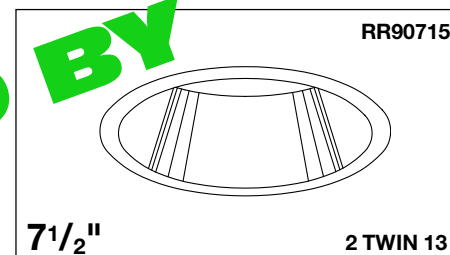
- Optional White, Dune, Champagne Gold or Wheat lower reflectors available.

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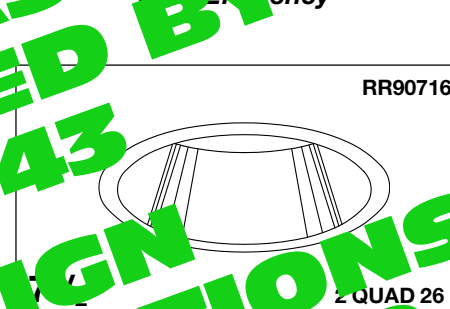
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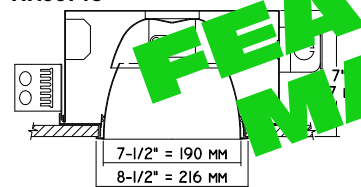
RR90715  
7 1/2" 2 TWIN 13



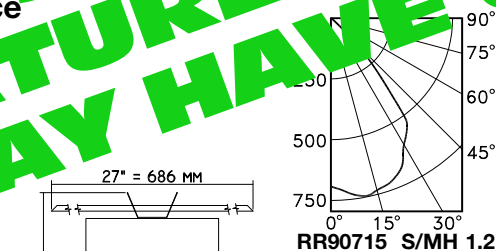
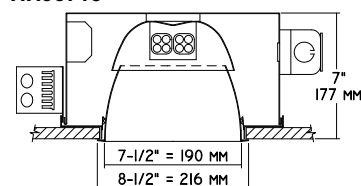
RR90716  
11 7/8" 2 QUAD 26

#### Performance at a Glance

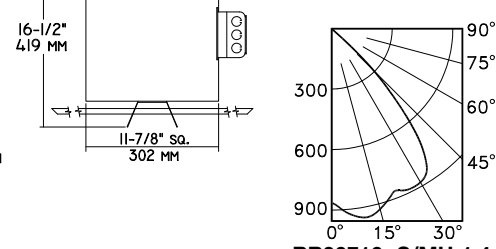
RR90715



RR90716



RR90715 S/MH 1.2



RR90716 S/MH 1.4

Ft.	FC	Dia.
6	19.4	7.0
8	10.9	9.3
10	7.0	11.7
12	4.8	14.0
14	3.6	16.3
16	2.7	18.7

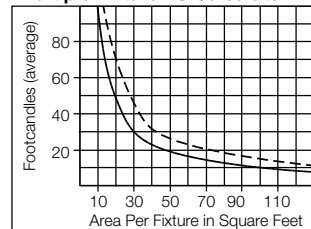
RR90715

Ft.	FC	Dia.
6	23.9	7.7
8	13.5	10.3
10	8.6	12.9
12	6.0	15.4
14	4.4	18.0
16	3.4	20.6

RR90716

\* Dia. (in ft.) shown is where FC value is half the FC at nadir.

Multiple Fixture FC Calculator \*\*



RR90715 ——— RR90716 - - - -

#### Cone of Light Key

- Ft. Distance from fixture
- FC Footcandles (average)
- Dia. Circle of light at 50% of FC

\*\* 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 Twin 13  
2 Quad 26

CATALOG NUMBERS  
RR90715  
RR90716

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Alzak® is a registered trademark of ALCOA.

RR90715  
RR90716

RECESSED ROUND: TWIN 13 and QUAD 26 WATT COMPACT FLUORESCENT

KIRLIN

Detailed Photometry - Installed Fixture

FROM I.T.L. (BOULDER, CO) RR90715: TEST NUMBER 40091  
RR90716: TEST NUMBER 40096

RR90715

\*LER = 22.2  
•AEC = \$10.80

CANDLEPOWER DISTRIBUTION

	0.0	45.0	90.0	135.0	180.0
0	698	698	698	698	698
5	704	713	718	725	730
15	655	356	723	710	710
25	652	351	674	625	593
35	652	351	645	488	432
45	652	351	645	488	432
55	652	351	645	488	432
65	652	351	645	488	432
75	652	351	645	488	432
85	652	351	645	488	432
95	652	351	645	488	432
100	652	351	645	488	432

COEFFICIENTS OF UTILIZATION

RF	20	50	10	50	30	10
70	62	59	57	57	56	55
80	58	53	51	53	51	50
90	55	48	46	49	47	45
100	52	48	42	46	43	41
110	49	44	38	42	40	37
120	46	41	37	40	37	34
130	44	38	34	37	34	32
140	41	35	32	34	31	29
150	39	33	30	32	29	27
160	31	28	25	27	27	25

RR90716

\*LER = 20.5  
•AEC = \$11.73

CANDLEPOWER DISTRIBUTION

	0.0	45.0	90.0	135.0	180.0
0	861	861	861	861	861
5	889	889	889	889	889
15	819	939	921	795	795
25	819	939	921	846	804
35	819	939	921	846	804
45	819	939	921	846	804
55	819	939	921	846	804
65	819	939	921	846	804
75	819	939	921	846	804
85	819	939	921	846	804
95	819	939	921	846	804
100	819	939	921	846	804

COEFFICIENTS OF UTILIZATION

RF	20	50	10	50	30	10
70	45	40	37	41	38	35
80	40	33	37	38	31	31
90	37	34	35	37	30	32
100	37	34	35	37	30	32
110	37	34	35	37	30	32
120	37	34	35	37	30	32
130	37	34	35	37	30	32
140	37	34	35	37	30	32
150	37	34	35	37	30	32
160	37	34	35	37	30	32
170	37	34	35	37	30	32
180	37	34	35	37	30	32

Options

- 30 White lower reflector. (CP x .90)
- 31 White lower reflector trim. self-flanged. (CP x .90)
- 32 Trim extender. Broadens beam angle by 1" to cover larger ceiling. (CP x .90)
- 39 Installed Q26 or Q18 (With Option -43) electronic dimming ballast for RR90716. Also see -LE and -WD.
- 43 Lower wattage: Specify 2T9 watt (RR90715); 2Q18 watt (RR90716).
- 45 Gasket above reflector flange. Stops streaks.
- 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)
- 72 Black Alzak self-flanged lower reflector. (CP x .65)
- 73 Internal emergency "Ni-Cad" battery pack
- 74 Internal 2 lamp emergency "Ni-Cad" battery pack for use with 4-pin electronic lamps only (RR90716). Use with Option -96.
- 79 Extension collar for up to 2" thick ceilings.
- 82 Sloped ceiling adapter. Specify slope up to 30° in 5° increments.
- 84 Fixture wired for two circuits. See -FD and -RD.
- 90 SofTex Champagne Gold self-flanged reflector. (CP x .90)
- 91 SofTex Wheat self-flanged reflector. (CP x .87)
- 94 Specular Pewter or Umber or specified custom color self-flanged reflector. Consult factory.
- 96 Regulating electronic high power factor 0°F single circuit ballast instead for RR90716. 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.
- FD Double Fused primary. Replaceable. Use with -84.
- FS Fused primary. Replaceable. Aids servicing.
- LE With 4-pin electronic lamps for use with Options -39, -74 or -96 (RR90716). 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 lower reflector. White trim, self-flanged. (CP x .70)
- RD Double radio interference filter. Use with -84.
- RF Radio interference filter. Eliminates line feedback.
- WD Wall Dimmer for use with Option -39 (RR90716).

SUBMITTAL DATA

APPROVAL STAMP

JOB NAME \_\_\_\_\_

TYPE \_\_\_\_\_

WATTAGE \_\_\_\_\_ VOLTAGE \_\_\_\_\_

CATALOG NUMBER \_\_\_\_\_