

Triple Tube Lensed Wall Wash or Directional Tilt-and-Swivel

Features

Lamp

- Designed for:
 - 1 offset Triple Tube 42 watt: RR80716.
 - 1 offset Triple Tube 32 watt: RR80717.
- 4-pin GX24q-4 base: RR80716.
- 4-pin GX24q-3 base: RR80717.
- 90% lumen output maintained at ballast minimum operating temperature.
- Flicker-free starting, high light output, excellent color rendering (82 CRI).
- Long 10,000 hour life.
- High efficiency with low operating costs.
- See Option -43 for lower wattage.

Ballast

- Regulating electronic high power factor, thermally protected, enclosed.
- RR80716: Cold weather standard, -18°C to -20°C (0°F to -5°F) rated.
- RR80717: -5° to -10°C (14° - 23°F) rated. Cold weather available, see Option -CW.
- Built-in RIF filter. THD is less than 10%.
- 120 volt standard or see optional voltages.
- Dimming optional. See Option -39.
- Visible and easily serviced in all ceilings.

Fuse

- Available as Option -FS.

Reflector

- RR80716: Specular Alzak® upper

reflector. Self-flanged low iridescence specular Alzak aluminum lower reflector.

- RR80717: Clear specular Alzak upper reflector. Tilts up to 30°, swivels 358°.
- Specular Alzak lower self-flanged reflector.
- Optional SofTex softly etched Clear, Dune, Champagne Gold or Wheat, or all white lower reflectors available.
- RR80717: Optional Matte Black or Black Alzak or OptiGroove lower reflector available.

Lens (RR80716 only)

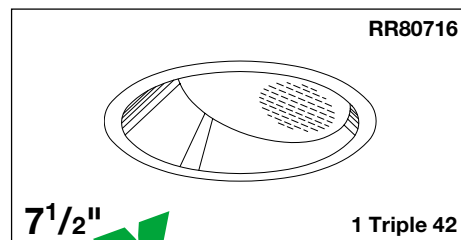
- 1/8" acrylic linear. Spreads light uniformly.

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 reflectors.
- Prewired outlet box; 14GA (NEC) galvanized steel. UL listed. Accessible through fixture opening.
- Built-in plaster frame.

Installation

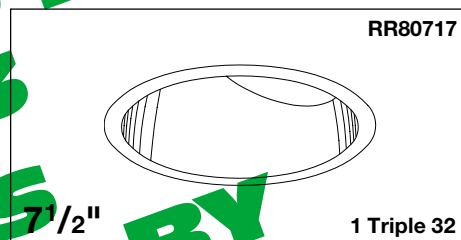
- 27" hanger bars supplied (2).



7 1/2"

1 Triple 42

**Uniformity from Lensed Wall Wash
Dimming Optional**



7 1/2"

1 Triple 32

**Adjustable Directional
Dimming Optional**

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

UL, C-UL (Canada) Listings

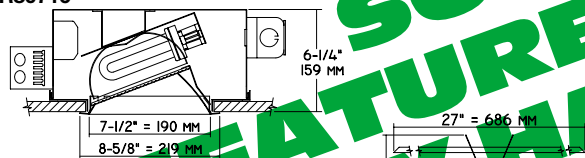
- Wet, damp or dry locations, covered ceilings.
- Through-branch circuit conductors (6 #12).

Three Year Limited Warranty

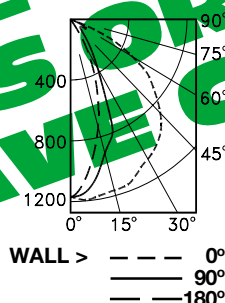
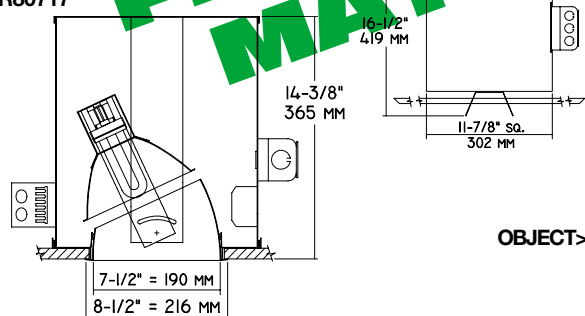
- Complete standard fixture.

Performance at a Glance

RR80716

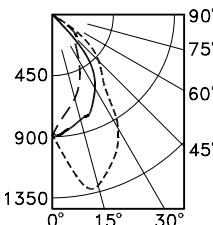


RR80717



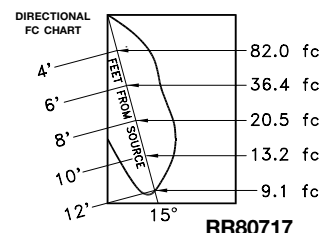
WALL > --- 0°
--- 90°
--- 180°

RR80717
OBJECT > --- 0°
--- 90°
--- 180°



DISTANCE FROM CEILING IN FEET	SINGLE FIXTURE					MULTIPLE FIXTURES					
	1'	2'	3'	4'		3' CENTERS		4' CENTERS			
1	6.0	4.8	2.4	1.5	1.2	11.0	10.4	11.0	9.7	7.1	9.7
2	26.6	15.9	5.9	2.0	1.4	33.0	23.6	33.0	30.8	14.4	30.8
3	24.2	20.0	10.1	3.4	1.7	33.3	35.3	33.3	29.2	22.8	29.2
4	17.2	15.0	10.4	4.6	2.1	28.8	30.5	28.8	23.1	23.6	23.1
5	11.9	11.1	8.8	6.0	2.8	26.3	25.4	26.3	19.0	20.4	19.0
6	8.4	8.1	6.7	5.2	3.1	21.6	21.2	21.6	16.3	16.5	16.3
7	6.2	6.0	5.2	4.2	3.0	17.6	17.8	17.6	13.8	13.8	13.8
8	4.8	4.7	4.2	3.5	2.8	14.9	15.2	14.9	11.9	11.8	11.9
9	3.9	3.8	3.6	3.1	2.6	13.3	13.6	13.3	10.6	10.6	10.6

RR80716



RR80717

THE KIRLIN COMPANY

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

**SECOND CENTURY SERIES
TRIPLE TUBE
COMPACT FLUORESCENT LIGHTING**

MAXIMUM WATTAGE

**1 Triple 42
1 Triple 32**

CATALOG NUMBERS

**RR80716
RR80717**

DUE TO OUR CONTINUING EFFORT TO IMPROVE PRODUCTS, TECHNICAL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE.

Alzak® is a registered trademark of ALCOA.

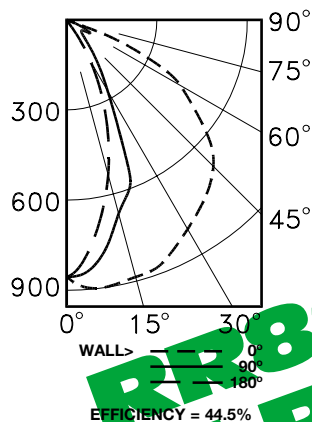
Detailed Photometry - Installed Fixture

FROM I.T.L. (BOULDER, CO) RR80716: TEST NUMBER 43829
RR80717: TEST NUMBER 45255

RR80716

*LER = 29.8
•AEC = \$8.04

CANDLEPOWER DISTRIBUTION



	0.0	45.0	90.0	135.0	180.0
0	858	858	858	858	858
5	898	877	831	799	777
15	888	851	666	560	527
25	853	786	472	251	235
35	796	682	176	76	54
45	707	400	62	21	19
55	535	129	39	11	7
65	278	39	81	5	0
75	40	14	15	0	0
85	0	0	0	0	0
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION

RF	20							
RC	80				50			
RW	70	50	30	10	50	30	10	
1	50	48	47	46	45	44	43	
2	46	44	41	39	41	40	38	
3	43	40	37	34	38	35	34	
4	40	36	33	31	35	32	30	
5	38	33	30	27	32	29	27	
6	35	30	27	25	29	26	24	
7	33	28	25	23	27	24	22	
8	31	26	23	21	25	22	20	
9	29	24	21	19	24	21	19	
10	28	23	20	18	22	19	18	

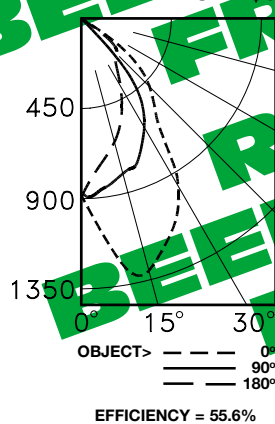
* LER = Luminaire Efficiency Rating

LER = Luminaire Effic. x Total Lamp Lumens x Ballast Factor
Input Watts• AEC = Annual Energy Cost per
1000 lumens (based on 3000
hours use @ \$0.08 KWH).

RR80717

*LER = 37.3
•AEC = \$6.44

CANDLEPOWER DISTRIBUTION



	0.0	45.0	90.0	135.0	180.0
0	895	895	895	895	895
5	1088	1028	889	809	777
15	1296	1221	798	687	633
25	1071	905	719	523	462
35	740	723	559	378	309
45	475	291	226	199	231
55	222	116	16	105	171
65	16	0	0	0	9
75	0	0	0	0	0
85	0	0	0	0	0
90	0	0	0	0	0

COEFFICIENT OF UTILIZATION

RF	20							
RC	80				50			
RW	70	50	30	10	50	30	10	
1	63	61	59	58	57	56	55	
2	59	56	53	51	53	51	49	
3	55	51	48	45	49	46	44	
4	52	47	43	40	45	42	40	
5	48	43	39	36	41	38	36	
6	45	40	36	33	38	35	33	
7	43	37	33	30	36	32	30	
8	40	34	30	28	33	30	27	
9	38	32	28	25	31	28	25	
10	36	30	26	24	29	26	23	

Estimated Multipliers

-30 White: CP x .90
-63 SoftTex Clear: CP x .99
-68 Matte Black (RR80717): CP x .70-71 SoftTex Dune: CP x .87
-72 Black Alzak® (RR80717 only): CP x .65
-90 SoftTex Champagne Gold: CP x .90
-91 SoftTex Wheat: CP x .87
-96 OptiGroove (RR80717 only): CP x .70

Options

- 30 White lower reflector, self-flanged. (CP x .90)
- 31 White reflector trim, self-flanged.
- 32 Trim extender. Broadens trim flange to cover larger ceiling opening.
- 39 Installed electronic dimming ballast. Consult factory 18 or 26 watt or for quantity and type required. Also see Options -LE and -WD. Indoor use.
- 43 Lower wattage triple tube: Specify 18 or 26 W.
- 45 Gasket above reflector flange. Stops dust streaks on ceiling.
- 58 277 volt 60 Hz. ballast instead.
- 68 Matte Black self-flanged lower reflector. White trim. (RR80717 only) (CP x .70)
- 70 SoftTex Clear softly etched self-flanged lower reflector. Resists smudges. (CP x .93)
- 71 SoftTex Dune softly etched self-flanged lower reflector. Resists smudges. (CP x .87)
- 72 Black Alzak self-flanged lower reflector. (RR80717 only) (CP x .65)
- 73 Internal emergency "Ni-Cad" battery pack concealed in housing. Indoor use. Switch and light unobtrusively located inside upper reflector.
- 82 Sloped ceiling adapter. Specify slope in 5° increments up to 30°.
- 90 SoftTex Champagne Gold softly etched self-flanged lower reflector. Resists smudges. (CP x .90)
- 91 SoftTex Wheat softly etched self-flanged lower reflector. Resists smudges. (CP x .87)
- 94 Specular Pewter or Umber or other specified custom color self-flanged lower reflector. Consult factory.
- 97 Other voltage ballast. Consult factory.
- 98 347 volt 60 Hz. ballast instead. Consult factory for dimming.
- 99 Special modification. Consult factory.
- CW Cold weather electronic HPF ballast for RR80717. -18°C to -20°C (0°F to -5°F). (Standard for RR80716.)
- FS Fused. Replaceable. Aids servicing.
- LE With 4-pin electronic Triple Tube amalgam lamp. 82 CRI and 10,000 hour life. 3500°K or consult factory for 2700°K, 3000°K or 4100°K. Specify wattage and color temperature.
- OG OptiGroove black seamless aluminum lower reflector. White trim, self-flanged. (RR80717 only) (CP x .70)
- WD Wall Dimmer for use with Option -39. Consult factory for use with 18 or 26 watt.

SUBMITTAL DATA

JOB NAME _____

TYPE _____

WATTAGE _____ VOLTAGE _____

CATALOG NUMBER _____

APPROVAL STAMP