

### Regressed Lens for Two Triple Tube Lamps

#### Features

##### Lamp

- Designed for:
  - 2 horizontal Triple Tube 32 watt: SR81236.
  - 2 horizontal Triple Tube 42 watt: SR81237.
- 4-pin GX24q-3 base: SR81236.
- 4-pin GX24q-4 base: SR81237.
- 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.

##### Trim Assembly

- Seamless tapered black OptiGroove with white flange. Self-flanged trim.
- Regressed, prismatic, tempered low brightness C#73 spread distribution lens.
- Optional white grooveless flange trim or flat trim. (See Options -40 and -F1)
- Acrylic, fresnel, or Holographic lens; anopal or polycarbonate available. (See Options)

##### Housing

- Seamless, white acrylic enameled aluminum.
- No visible cylinder hardware.
- Cool: Dissipates heat across entire surface area.
- Rustproof: Exceeds 1000 hour ASTM 5% salt spray test

##### Installation

- Center point mounting with snug fit to ceiling. Mounting hardware furnished.
- Indoor or outdoor for covered ceiling use.
- Collar for mounting beneath surface outlet box available. (Option -80)
- Pendant mount available. (Option -PM)
- Wall bracket mount available. (Option -WB)

##### Ballast

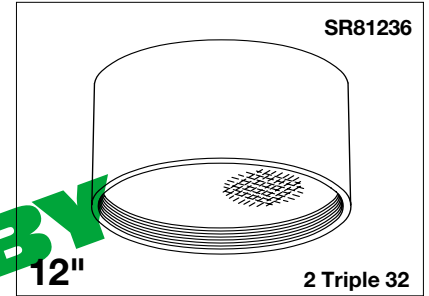
- Regulating electronic high power factor, thermally protected, encased.
- Starting temperature -18°C to -20°C (0°F to -5°F) rated.
- Built-in RIF filter. THD is less than 10%.
- Single circuit wiring or see Option -84.
- 120 volt standard or see optional voltages.
- Dimming optional. See Option -39 for availability and restrictions.

##### Fuse

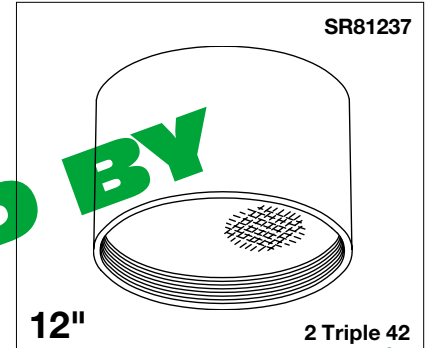
- Available as Option -FS or see Option -FD.

##### Reflector

- Specular Alzak® aluminum.



74% Efficiency



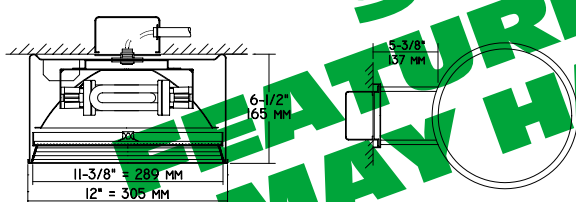
63% Efficiency

##### UL, C-UL (Canada) Listings

- Wet, damp or dry locations, covered ceilings. (See Option -89)
- Three Year Limited Warranty
- Complete standard fixture.

#### Performance at a Glance

##### SR81236



Note: Housing depth (SR81236) increases to 7-5/8" with Option -39, -73 or -74.

Note: Plan Views shown with optional wall bracket (Option -WB).

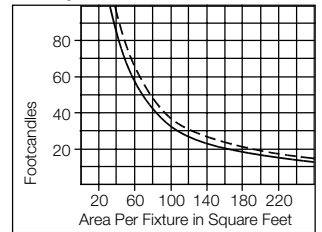


SR81236 S/MH 1.0

Ft.	FC	Dia.
6	69.2	5.4
8	38.9	7.2
10	24.9	9.0
12	17.3	10.8
14	12.7	12.6
16	9.7	14.4

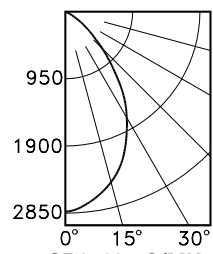
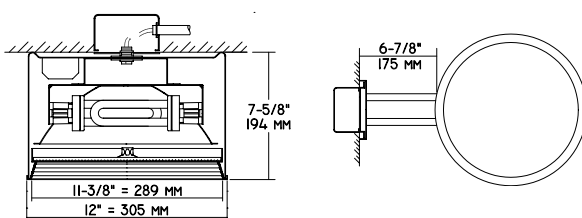
SR81236

##### Multiple Fixture FC Calculator\*\*



SR81236 — SR81237 - - -

##### SR81237



SR81237 S/MH 1.0

Ft.	FC	Dia.
6	78.7	5.4
8	44.3	7.3
10	28.3	9.1
12	19.7	10.9
14	14.4	12.7
16	11.1	14.5

SR81237

##### 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

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

2 Triple 32  
2 Triple 42

CATALOG NUMBERS

SR81236  
SR81237

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) SR81236: TEST NUMBER 42087  
SR81237: TEST NUMBER 44687

SR81236

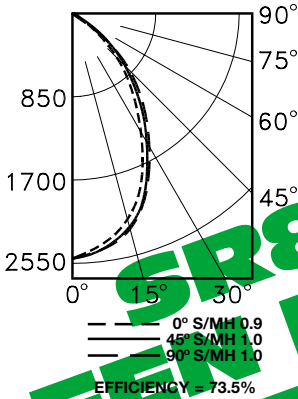
\*LER = 49.3  
•AEC = \$4.87

CANDLEPOWER DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0
0	2490	2490	2490	2490	2490
5	2447	2453	2460	2466	2468
15	2148	2166	2193	2212	2218
25	1659	1688	1728	1738	1734
35	1153	1204	1266	1292	1296
45	691	711	766	789	800
55	303	330	355	381	398
65	151	142	153	160	155
75	45	48	51	55	58
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	82	80	77	75	75	73	72
2	77	72	68	65	68	65	63
3	71	65	61	57	62	59	56
4	67	60	54	51	57	53	50
5	62	55	49	45	52	48	45
6	58	50	45	41	48	44	40
7	55	46	41	37	45	40	37
8	51	43	38	34	41	37	34
9	48	40	35	31	39	34	31
10	46	37	32	29	36	32	29



\* 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 @ \$.08 KWH).

SR81237

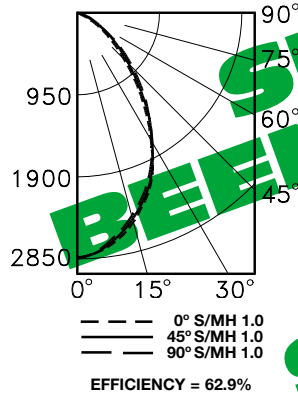
\*LER = 42.5  
•AEC = \$5.65

CANDLEPOWER DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0
0	2832	2832	2832	2832	2832
5	2785	2785	2783	2778	2774
15	2471	2464	2440	2424	2415
25	1984	1970	1968	1957	1957
35	1410	1419	1457	1473	1458
45	810	828	834	862	869
55	365	375	428	417	389
65	177	184	187	177	183
75	63	64	69	72	73
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	70	68	66	64	64	63	61
2	66	62	58	56	58	56	54
3	61	56	52	49	53	50	47
4	57	51	46	43	49	45	42
5	53	47	42	39	45	41	38
6	50	43	38	35	41	37	34
7	47	39	35	32	38	34	31
8	44	37	32	29	35	31	29
9	41	34	30	26	33	29	26
10	39	32	27	24	31	27	24



Options

- 13 Clear 1/8" flat polycarbonate below, with tempered prismatic flat C#73 lens above.
- 17 Prismatic 3/16" high strength acrylic instead.
- 18 Anopal flat glass. Not enameled. Diffusing.
- 20 White 1/2" cube eggcrate aluminum louver.
- 21 White translucent flat polycarbonate instead.
- 35 Silver enameled luminaire finish instead.
- 36 Gold enameled luminaire finish instead.
- 37 Dark Bronze enameled luminaire finish instead.
- 38 Black enameled luminaire finish instead.
- 39<sup>1</sup> Installed electronic dimming ballast. Consult factory for 18 or 26 watt or for quantity and type required. For emergency battery pack use -75 or consult factory. Also see -84, -LE, -WD. Indoor use. Housing depth (SR81236): 7-5/8".
- 40 White grooveless flare trim with regressed prismatic C#73 lens or specify optional lens.
- 43 Lower wattage triple tube: Specify 2-26 or 18 watt (SR81236); 2-32, 26 or 18 watt (SR81237).
- 45 Gasket between trim and housing.
- 46 Gasket between trim and lens.
- 58 277 volt 60 Hz. ballast instead.
- 73<sup>1</sup> Internal emergency "Ni-Cad" battery pack concealed in housing. Switch and visible light located above lens. Not available with Option -39 (see -75). Controls one lamp. Indoor use.
- 74<sup>1</sup> Two lamp internal emergency "Ni-Cad" battery pack concealed in housing for 18, 26 or 32W. Not available with -39 (see -75) or 42W. Switch and visible light located above lens. Indoor use.
- 75 Remote emergency "Ni-Cad" battery pack. 4' of flex provided for maximum mounting distance. For indoor use. May be used with Option -39.
- 80 2" extension collar for mounting luminaire beneath surface outlet box. Finish matches housing color.
- 84 Fixture wired for two circuits. See Option -FD.
- 87 Custom -PM length. Specify up to 5 feet or consult factory. Use with Option -PM.
- 88 Swivel canopy for sloped ceilings up to 45°. Earthquake rated. Use with Option -PM.
- 89 WeatherCap - required when luminaire is installed without covered ceiling protection. Also see -WB.
- 94 Custom color. Specify part(s). Consult factory.
- 97 Other voltage ballast. Consult factory.
- 98 347 volt 60 Hz. ballast. Consult factory for dimming.
- 99 Special modification. Consult factory.
- FD Double Fused primary. Use with Option -84.
- FR Fresnel tempered lens instead. Concentric prisms.
- FS Fused primary. One per fixture. Replaceable.
- FT Flat white trim instead. With tempered prismatic flat C#73 spread lens or specify optional lens.
- HO Holophane concave prismatic tempered lens.
- LE With 4-pin electronic Triple Tube amalgam lamps. 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.
- PM Pendant mount instead. 3/8" T.S. x 8" standard.
- WB Wall bracket mount instead. Also see Option -89.
- WD Wall Dimmer for use with Option -39. Consult factory for type and quantity required.

SUBMITTAL DATA

APPROVAL STAMP

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

TYPE \_\_\_\_\_

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

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

<sup>1</sup> Housing depth (SR81236) increases to 7-5/8" with Option -39, -73 or -74.

LIMITED WARRANTY: CATALOGUED KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR THREE YEARS FROM DATE OF PURCHASE. INSTALLATION, ETC., IS NOT INCLUDED. THE PURCHASER'S PRICE OR PRESENTATION OF THE PRODUCT IS NOT A WARRANTY. THE MANUFACTURER'S WARRANTY IS LIMITED TO THE FOREGOING AND THE MANUFACTURER SHALL NOT BE LIABLE FOR ANY OTHER DAMAGES, DIRECT OR INDIRECT, SUSTAINED OR SUFFERED BY THE PURCHASER OR ANY PERSON. THIS WARRANTY IS SUPPLIED FOR THE PURCHASER'S PLACE OF BUSINESS. THE WARRANTY IS VOID IF THE PRODUCT IS USED IN AN UNAUTHORIZED MANNER. THE MANUFACTURER'S WARRANTY IS VOID IF THE PRODUCT IS USED IN AN UNAUTHORIZED MANNER. THE MANUFACTURER'S WARRANTY IS VOID IF THE PRODUCT IS USED IN AN UNAUTHORIZED MANNER. THE MANUFACTURER'S WARRANTY IS VOID IF THE PRODUCT IS USED IN AN UNAUTHORIZED MANNER.