

FOR POURED CONCRETE CEILINGS

9" Regressed Lens; High Output

Features

- Designed for:
2 horizontal Triple Tube 32.
- 4-pin GX24q-3 base.
- 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.
- See Option -43 for lower wattage.

Ballast

- Regulating electronic high power factor, thermally protected, enclosed.
- 5° to -10°C (14° to 23°F) rated. Cold weather available, see Option -CW.
- Built-in RIF filter. THD is less than 10%.
- Single circuit wiring. See Option -84 for two circuit wiring.
- 120 volt standard or see optional voltages.
- Dimming available. See Option -39.
- Visible and easily serviced in all ceilings.

Fuse

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

Reflector

- Specular Alzak® aluminum.

Trim Assembly

- Seamless tapered black OptiGroove with white flange. Self-flanged trim.
- Regressed, prismatic tempered low brightness C#73 spread distribution lens.
- Torsion springs retain snug fit to ceiling.
- White grooveless flare trim, tamperproof or flat trim available. (See Options)
- Acrylic, fresnel or Holophane lens; anopal or polycarbonate available. (See Options)

Housing

- 16 GA. galvanized steel; red oxide rustproof primer coat with black enamel finish.
- Entire luminaire serviced through removable trim assembly. (Tamperproof tools with -26)

Installation

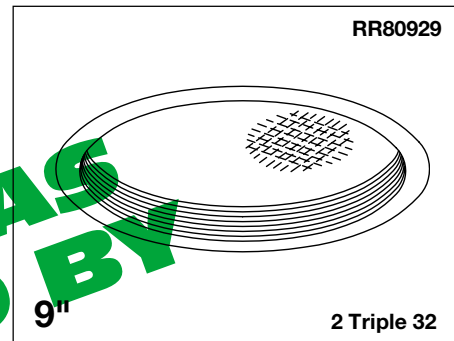
- Recesses indoor or outdoor in poured concrete ceilings.

UL, C-UL (Canada) Listings

- For use in poured concrete ceilings.
- Through-branch circuit conductors (6 #12).

Three Year Limited Warranty

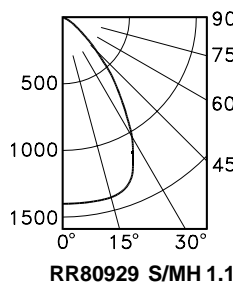
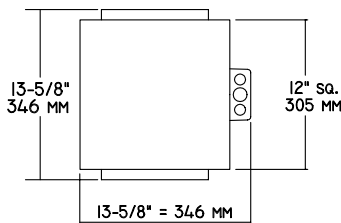
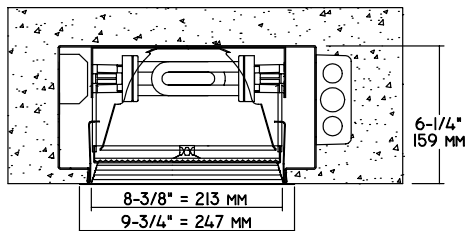
- Complete standard fixture.



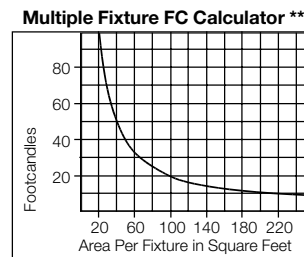
Tamperproof Vandal Resistant Design Also Available

Performance at a Glance

RR80929



RR80929 S/MH 1.1



RR80929

Cone of Light*

Ft.	FC	Dia.
6	38.2	6.3
8	21.5	8.4
10	13.8	10.6
12	9.6	12.7
14	7.0	14.8
16	5.4	16.9

RR80929

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 curve and S/MH data shown are 90° to lamp axis.

THE KIRLIN COMPANY

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SECOND CENTURY SERIES
TRIPLE TUBE
COMPACT FLUORESCENT LIGHTING

MAXIMUM WATTAGE

CATALOG NUMBER

2 Triple 32

RR80929

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) TEST NUMBER 45483

CANDLEPOWER DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0
0	1376	1376	1376	1376	1376
5	1371	1371	1376	1385	1368
15	1308	1322	1352	1387	1379
25	1098	1123	1174	1227	1229
35	685	706	757	805	811
45	348	345	378	394	399
55	148	163	168	180	182
65	78	76	80	82	80
75	27	27	29	30	29
85	0	0	0	0	0
90	0	0	0	0	0

RR80929

*LER = 29.0

*AEC = \$8.28



EFFICIENCY = 43.2%

COEFFICIENT OF UTILIZATION

	20	30	40	50	60	70	80
RW	70	50	30	10	5	3	2
1	48	47	46	44	44	43	42
2	45	43	40	39	40	39	37
3	42	39	36	34	37	35	33
4	40	36	33	30	34	32	30
5	37	33	30	27	31	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	21
9	29	24	21	19	23	21	19
10	27	22	20	18	22	19	18

* LER = Luminaire Efficiency Rating

LER = $\frac{\text{Luminaire Effic.} \times \text{Total Lamp Lumens} \times \text{Ballast Factor}}{\text{Input Watts}}$

* AEC = Annual Energy Cost per 1000 lumens
(based on 3000 hours use @ \$0.08 KWH).

Options

- 13 Clear 1/8" flat polycarbonate below, with tempered prismatic flat C#73 lens above.
- 14 Dropped Anopal glass. 1-1/4" deep. Not enameled.
- 17 3/16" prismatic 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.
- 26 Tamperproof OptiGroove trim (also available with -40) and lens. One key per ten fixtures.
- 39 Installed electronic dimming ballast. Consult factory for 18 or 26 watt or for quantity and type required. Also see Options -84, -LE and -WD. Indoor use.
- 40 White grooveless flare trim with tempered prismatic C#73 or specify optional lens or

- Option -26.
- 43 Lower wattage triple tube: Specify 2-26 or 18 watt.
- 45 Gasket between trim and ceiling.
- 46 Gasket between trim and lens.
- 58 277 volt 60 Hz. ballast instead.
- 73 Internal emergency "Ni-Cad" battery pack concealed in housing. Controls one lamp. Indoor use. Switch and visible light located above lens.
- 74 Two lamp internal emergency "Ni-Cad" battery pack concealed in housing. Indoor use. Switch and visible light located above lens.
- 76 Drop white acrylic diffuser instead.
- 84 Fixture wired for two circuits. See Option -FD.
- 94 Custom color trim assembly. Consult factory.
- 97 Other voltage ballast. Consult factory.
- 98 347 volt 60 Hz. ballast. Consult for dimming.

- 99 Special modification. Consult factory.
- CW Cold weather electronic HPF ballast. -18°C to -20°C (0°F to -5°F).
- FD Double Fused primary. One per ballast. Replaceable. For use with Option -84.
- FR Fresnel tempered lens. Concentric prisms.
- FS Fused primary. One per fixture. Replaceable.
- FT Flat white trim instead. With tempered prismatic 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.
- WD Wall Dimmer for use with Option -39. Consult factory for use with 18 or 26 watt.

SUBMITTAL DATA

APPROVAL STAMP

JOB NAME _____

TYPE _____

WATTAGE _____ VOLTAGE _____

CATALOG NUMBER _____

LIMITED WARRANTY: CATALOGED KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR THREE YEARS FROM DATE OF PURCHASE. INSTALLATION TO N.E.C. IN NORMAL USE. Manufacturer at this option will replace or repair such fixture or relamp the purchase price on presentation of proof of purchase and defective fixture at the offices 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 from the manufacturer will render the warranty void. Sole dealer's warranty as to mechanical quality of fixture for particular use, not with any of the statement constitutes a warranty or amendment to this specific warranty. Abnormal use, abuse of the fixture, improper installation, or repair, or modification of the fixture without prior written authorization voids the warranty.