

3 Triple 42 Watt Regressed Lens: Vandal Resistant

Features

Lamp

- Designed for:
 - 3 horizontal Triple Tube Amalgam 42 watt.
- 4 pin GX24q-4 base. Consult factory for compatibility with G.E. 42 watt lamps.
- 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, encased.
- Minimum starting temperature 0°F (-18°C).
- Standard with built-in end of lamp life (EOL) protection circuit.
- Built-in RFI filter.
- 120 volt standard or see options.
- Add Option -84 for switching.
- See Option -39 for dimming availability and restrictions.
- Visible and easily serviced in all ceilings.

Fuse

- Available as Option -FS (single) or with Option -84, -FD (double).

Reflector

- Clear specular Alzak® 100% aluminum.

Trim Assembly

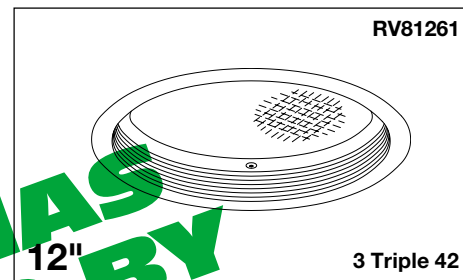
- Tamper-resistant, seamless tapered black OptiGroove. Self-flanged white trim.
- Flush tamperproof hex screws with center pin secure trim to captive nuts in housing.
- Continuous ring and four screws secure lens.
- High-strength .187" prismatic acrylic lens standard. Also see Option -13.

Housing

- Acrylic enameled aluminum.
- Rustproof: Exceeds 1000 hour ASTM 5% salt spray test.
- Cool: Dissipates heat across entire surface area. Ventilated.
- Entire luminaire serviced through removable trim assembly.
- 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 (4).
- Recesses indoor or outdoor in covered locations.



**No Lamp Color Shift
Indoor and Outdoor Use**

**Dimmable or 3 Level Switching
(See Options)**

See RR81262 for Standard Design

UL, C-UL (Canada) Listings

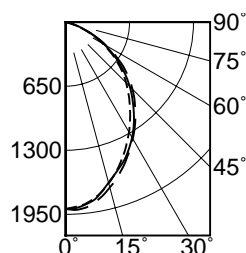
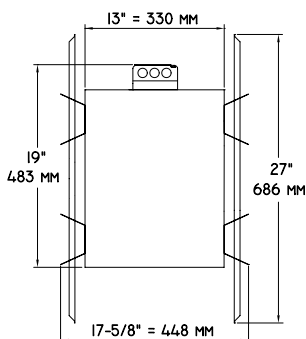
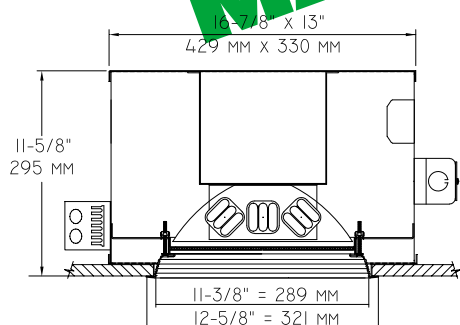
- Wet, damp or dry locations, covered ceilings.
- Through-branch circuit conductors (6 #12).

Three Year Limited Warranty

- Complete standard fixture.

Performance at a Glance

RV81261



RV81261		
---	0° S/MH	1.0
---	90° S/MH	1.1
---	180° S/MH	1.1

Cone of Light*

Ft.	FC	Dia.
6	52.6	6.5
8	29.6	8.7
10	19.0	10.8
12	13.2	13.0
14	9.7	15.2
16	7.4	17.3

RV81261

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.

NOTE: PHOTOMETRY SHOWN IS FOR FIXTURE WITH OPTION -13 LENS COMBINATION. EFFICIENCY IMPROVES WITH STANDARD LENS.

THE KIRLIN COMPANY

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

MAXIMUM WATTAGE

CATALOG NUMBER

3 Triple 42

RV81261

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

Alzak® is a registered trademark of ALCOA.

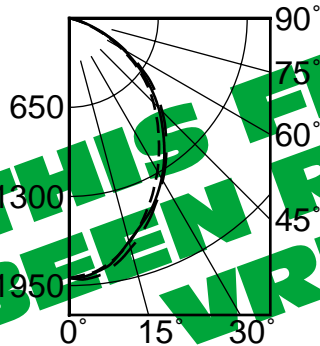
Detailed Photometry - Installed Fixture

FROM I.T.L. (BOULDER, CO) TEST NUMBER 49002

RV81261

*LER = 27.3

•AEC = \$8.81



--- 0° S/MH 1.0
--- 90° S/MH 1.1
--- 180° S/MH 1.1

EFFICIENCY = 39.4%

NOTE: PHOTOMETRY SHOWN IS FOR FIXTURE WITH OPTION -13 LENS COMBINATION. EFFICIENCY IMPROVES WITH STANDARD LENS.

CANDLEPOWER DISTRIBUTION

	0.0	45.0	90.0	135.0	180.0
0	1895	1895	1895	1895	1895
5	1866	1868	1874	1896	1900
15	1693	1709	1686	1734	1736
25	1431	1461	1477	1516	1494
35	1144	1200	1212	1263	1234
45	870	925	921	986	960
55	588	622	615	666	650
65	292	317	311	334	312
75	65	75	74	73	63
85	0	0	0	0	0
90	0	0	0	0	0

PERCENTS OF UTILIZATION

RC	7	10	15	20	25	30	35	40	45	50
RW	7	10	15	20	25	30	35	40	45	50
1	44	42	41	40	40	39	38	37	36	35
2	40	37	35	33	32	31	30	29	28	27
3	37	33	31	28	26	25	24	23	22	21
4	34	30	27	25	22	20	19	18	17	16
5	32	27	24	22	20	18	17	16	15	14
6	29	25	21	19	17	16	15	14	13	12
7	27	22	19	17	15	14	13	12	11	10
8	26	21	17	15	13	12	11	10	9	8
9	24	19	16	14	12	11	10	9	8	7
10	22	18	15	13	11	10	9	8	7	6

* LER = Luminaire Efficacy 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 1/4" polycarbonate below .187" high-strength acrylic for added vandal resistance.
- 39 Installed electronic dimming ballasts (3-one lamp). Consult factory for 18 or 26 watt or for quantity and type required. Also see Options -LE and -WD. Indoor use.
- 40 White grooveless tamperproof flare trim assembly instead.
- 43 Lower wattage triple tube: Specify 3-32, 3-26 or 3-18 watt. For two lamp fixtures, see RV81030, RV81231 or RV91204.
- 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. Switch and visible light located above lens. For indoor use. Also see Option -74.
- 74 Two lamp internal emergency "Ni-Cad" battery pack concealed in housing for 18, 26 or 32 watt. Consult factory for 42 watt. Switch and visible light located above lens. For indoor use.
- 84 Fixture wired for two circuit switching. Provides three distinct lighting levels (1, 2 or 3 lamps) as an alternative to dimming. Also see Option -FD.
- 94 Custom color trim assembly. Consult factory.
- 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. One per ballast. Replaceable. For use with Option -84.
- FS Fused primary. Replaceable. Aids servicing.
- LE With 4-pin electronic Triple Tube amalgam lamps. 82 CRI and 10,000 hour life. Consult factory for compatibility with G.E. 42 watt lamps. 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 type and quantity required.

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. IS NORMAL USE. Manufacturer at this option will replace or repair such fixture or refund 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.