

CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

6" x 12" 1 Triple 57 WATT MAXIMUM

FRT-06111

Rectangle with Kirlin "K" Lens

Features

Lamp

- Designed for one 4-pin triple/four tube amalgam compact fluorescent lamp: 57W triple/four tube.

Ballast: Multi-Voltage

- Installed electronic high power factor, thermally protected. For lower wattages: Option -43.
- 120-277 multi-volt; 50/60 Hz. THD < 10%.
- ClickQuick connectors for easy service.
- Cold weather -22°F (-30°C).
- End of lamp life protection (EOL) RF filter.
- Internally fused. Also see Option -15.

Reflector

- GlasSurface™ multi-faceted specular aluminum.

Trim Assembly

- Shock-resisting, UV absorbing,ismatic wide spread Kirlin lens. See Option -15.
- Rustfree polished nickel stainless steel or (316-L) and captive thumb screw. Concealed hinges.
- Beveled cast aluminum frame. White finish.

Aluminum Housing

- Acrylic enameled. Rustproof: Exceeds 1000 hour ASTM 5% salt spray test.
- Lightweight: Minimizes ceiling load.
- Cool operation: Extends component life.
- Entire luminaire serviced through aperture.
- Plaster frame available. See Option -47.

Outlet Box

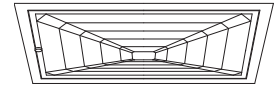
- Prewired 14 GA (NEC) galvanized steel, UL listed, 1/2" x 4" x 1 1/2" deep.
- 27" galvanized hexagonal mounting brackets (2) supplied.
- Recesses indoor or outdoor in covered locations.

C- (Compact) Lighting

- Wet/damp or dry location. Suitable for ceiling, wall or recessed applications.

Three Year Limited Warranty

- Complete standard fixture and ballast.



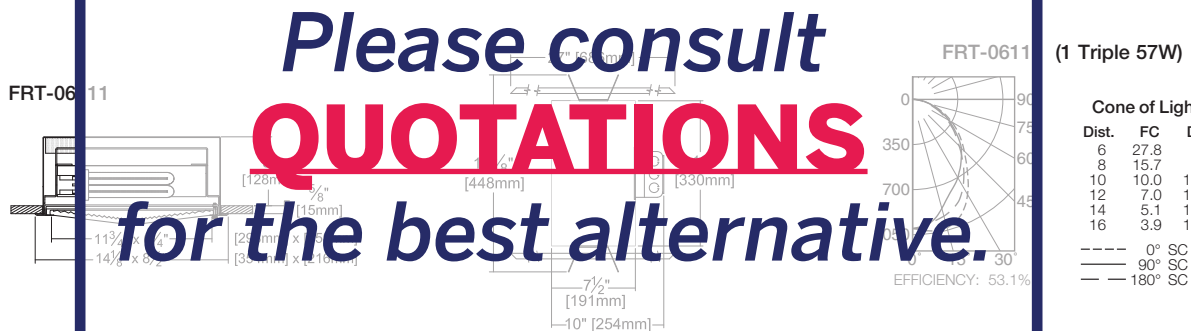
Recessed Rectangular Kirlin Lens Shallow Plenum

Selected Optional Lens:

- Tempered Prismatic C#73
- Option -15

THIS PRODUCT IS NO LONGER AVAILABLE

Performance at a Glance



Ceiling Cut-out
7³/₄" x 13¹/₄"

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.

THE KIRLIN COMPANY

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RENAISSANCE SERIES COMPACT FLUORESCENT LIGHTING

MAXIMUM WATTAGE

1 Triple 57

CATALOG NUMBER

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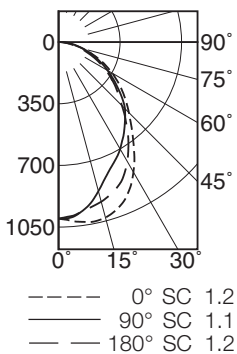
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Alzak® is a registered trademark of ALCOA.

Detailed Photometry - Installed Fixture

Photometry from I.T.L., Boulder, CO

FRT-06111 (1 Triple 57)



EFFICIENCY : 53.1%

CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	1002	1002	1002	1002	1002
5	1022	1013	994	988	988
15	1031	975	876	895	938
25	940	837	7850	754	859
35	749	683	645	613	693
45	566	497	534	451	510
55	424	343	390	310	370
65	282	217	259	194	239
75	142	115	145	100	118
85	39	38	59	32	34
90	11	14	26	12	11

COEFFICIENTS OF UTILIZATION							
RF	20						
RC	80				50		
RW	70	50	30	10	50	30	10
1	58	56	53	51	52	50	49
2	53	49	45	42	46	43	41
3	49	43	39	36	41	38	35
4	45	39	34	31	37	33	30
5	41	35	30	27	33	29	26
6	38	31	27	24	30	26	23
7	36	29	24	21	27	24	21
8	33	26	22	19	25	21	19
9	31	24	20	17	23	20	17
10	29	22	18	16	22	18	16

ITL TEST #54876 *LER=39.5 •AEC=\$6.07

* 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

Ballast, Wattage and Voltage

- 39 Installed electronic dimming ballast. Indoor use. 10°C (50°F) minimum start. Specify wattage, voltage and brand.
- 43 Lower wattage. For 4-pin 42/32/26W triple or 26W quad (multi-wattage/voltage). Specify wattage.
- 97 Specify other voltage. Consult factory.
- 98 347 volt, 50/60 Hz. input. Consult factory.

Emergency Ballast - Specify Voltage¹

Remote (field mounted) ballast, test switch and indicator light. Suitable for damp locations from 0° to 50°C (32° to 122°F) or with Cold Weather version (see -CR) -20° to 55°C (-4° to 131°F).

- 75 Remote 1-lamp EM ballast. Specify voltage.
- CR Remote cold weather (-20° to 55°C) 1-lamp EM ballast. Specify voltage.
- HR¹ Remote higher lumen (up to 1250) 1-lamp EM ballast. 13-42W only. Specify voltage.

Lenses and Trims

- 13 Vandal resistant tempered prismatic C#73 spread lens above 1/8" flat polycarbonate.
- 15 Prismatic C#73 tempered lens.
- 18 Opal flat glass diffuser.
- 20 White aluminum 1/2" cube egg-crate louver.
- 26 Tamper-resistant button head recessed hex screw. With center pin and 1 key / 10 fixtures.
- 32 White oversize trim extender. Specify size.
- 45 Gasket between ceiling and trim flange.

- 46 Gasket between trim and lens.
- 94 Custom color/finish. Specify. Consult factory.
- CF High temperature color filter. Specify color. For use with Options -13, -15, -18.
- UV UV filter. For use with Options -13, -15, -18. Consult factory.

Other

- 47 Wet plaster frame for wet plaster ceiling.
- 99 Special modification. Consult factory.
- FS Additional in-line fuse.
- LE With 4-pin electronic lamp. 3500°K standard. 82 CRI and 12,000 hour life. Specify wattage, style and color temperature.

¹ Visit www.kirlinlighting.com for most current performance / specifications.

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, IN NORMAL USE, MANUFACTURED AT HIS 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 shall not be liable for any other damages, direct or indirect, sustained or suffered by purchaser or any person. This warranty is supplied to the buyer in place of all other warranties, expressed or implied. Seller does not warrant as to merchantability or fitness for a particular use, nor will any oral statement constitute a warranty or amend this specific warranty. Abuse of the fixture, improper installation, or repair, or modification of the fixture without prior written authorization from the manufacturer will render the warranty void.