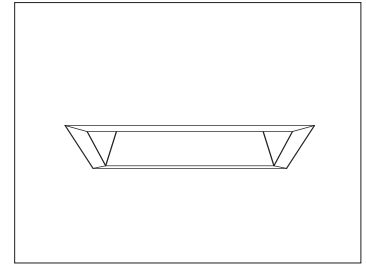


CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

4" x 8" 1 Triple 57 WATT MAXIMUM

FRT-04092

## Open Appearance Rectangle



### Features

#### Lamp

- Designed for one 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 < 1.5%
- ClickQuick connectors for easy service.
- Cold weather -22°F (-30°C).
- End of lamp life protection circuit. RFI filter.
- Internally fused. Also see Option -FS.

#### Reflectors

- Upper: Specular Alzak® aluminum.
- Lower: Clear Softex aluminum.
- See Options for other finishes.
- MicroLux tempered microprismatic lens mounted above trim.

#### Aluminum Housing

- Acrylic enameled. Rustproof: Exceeds 1000 hour ASTM 5% salt spray test.
- Lightweight: Minimizes ceiling load.

- Entire luminaire serviced through aperture.
- Built-in plaster frame.

#### Outlet Box

- Drawn 14 GA (NEC) galvanized steel UL listed 2" x 3/4" knock out.
- 7" galvanized steel with 2" x 3/4" knock out.
- Through-branch conductors (6 #12).

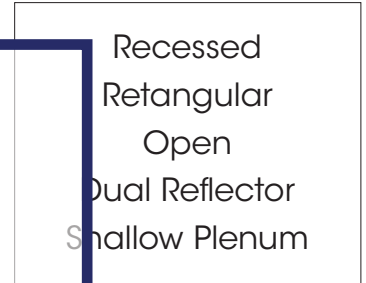
- Recesses indoor or outdoor in covered applications.

#### UL-C-UL (Canadian) Listings

- Through-branch conductors (6 #12).

#### Three Year Limited Warranty

- Complete standard fixture and ballast.



#### Selected Optional Trims:

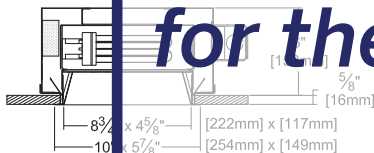
- AW White Option -30
- Softex Titanium Option -57
- Softex Dune Option -71
- Softex Pewter Option -77
- Softex Wheat Option -91

THIS PRODUCT IS NO LONGER AVAILABLE

### Performance at a Glance

Please consult **QUOTATIONS** for the best alternative.

FRT-04092

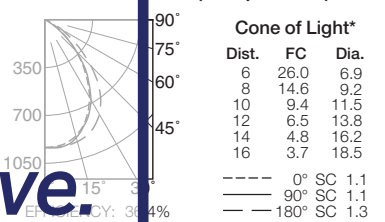


#### Cone of Light Key

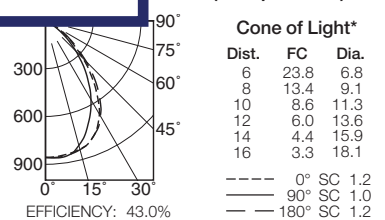
- Ft. Distance from fixture
- FC Footcandles (average)
- Dia. Circle of light at 50% of FC
- \* Dia. (in ft.) shown is where FC value is half the FC at nadir.

Ceiling Cut-out  
5 1/4" x 9 1/2"

FRT-04092 (1 Triple 57W)



FRT-04092-43 (1 Triple 42W)



## THE KIRLIN COMPANY

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

**RENAISSANCE SERIES**  
**COMPACT FLUORESCENT LIGHTING**

MAXIMUM WATTAGE

**1 Triple 57**

CATALOG NUMBER

**FRT-04092**

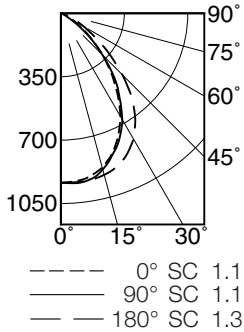
DUE TO OUR CONTINUING EFFORT TO IMPROVE PRODUCTS, TECHNICAL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE.

Alzak® is a registered trademark of ALCOA.

Detailed Photometry - Installed Fixture

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

FRT-04092 (1 Triple 57)



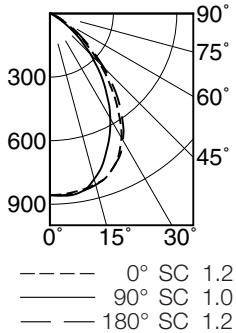
EFFICIENCY : 36.4%

CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	935	935	935	935	935
5	930	937	941	941	936
15	881	903	892	923	923
25	747	779	764	829	860
35	545	572	563	661	715
45	327	316	323	408	480
55	142	115	116	162	233
65	44	27	23	38	78
75	10	6	5	8	8
85	3	2	1	2	2
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION							
RF	20						
RC	80			50			
RW	70	50	30	10	50	30	10
1	41	40	39	38	37	37	36
2	38	36	34	33	34	33	32
3	36	33	30	29	31	29	28
4	33	30	27	25	29	26	25
5	31	27	25	23	26	24	22
6	29	25	22	20	24	22	20
7	27	23	20	18	22	20	18
8	25	21	19	17	21	18	17
9	24	20	17	15	19	17	15
10	23	18	16	14	18	16	14

ITL TEST #55735 \*LER=25.8 •AEC=\$9.29

FRT-04092-43 (1 Triple 42)



EFFICIENCY : 43.0%

CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	857	857	857	857	857
5	854	858	863	864	859
15	833	837	809	842	837
25	757	737	660	729	761
35	564	547	470	532	594
45	332	303	273	296	362
55	147	113	103	108	161
65	45	27	19	28	50
75	9	6	5	6	9
85	2	2	2	2	2
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION							
RF	20						
RC	80			50			
RW	70	50	30	10	50	30	10
1	48	47	45	44	44	43	42
2	45	43	40	39	40	39	37
3	42	39	36	34	37	35	33
4	39	35	32	30	34	32	30
5	37	32	29	27	31	29	27
6	34	30	27	24	29	26	24
7	32	27	24	22	27	24	22
8	30	25	22	20	25	22	20
9	29	24	21	19	23	20	18
10	27	22	19	17	21	19	17

ITL TEST #55734 \*LER=31.9 •AEC=\$7.52

\* 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).

Options

Ballast, Wattage and Voltage

- 39 Installed electronic dimming ballast. Indoor use. 10°C (50°F) minimum start. Specify wattage, voltage and brand. Not available with Option -75, -CR or -HR.
- 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 Voltage<sup>1</sup>

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.
- HR<sup>1</sup> Remote higher lumen (up to 1250) 1-lamp EM ballast. 13-42W only. Specify voltage.

Lenses and Trims

- 30 All white lower trim. (CP x .95)
- 31 White acrylic enameled lower trim flange.
- 32 White oversize trim extender. Specify size.
- 45 Gasket between ceiling and trim flange.
- 57 SofTex Titanium lower trim. (CP x .80)

- 71 SofTex Dune lower trim. (CP x .88)
- 77 SofTex Pewter lower trim. (CP x .85)
- 79 Extension collar for ceilings up to 2" thick.
- 90 SofTex Champagne Gold lower trim. (CP x .91)
- 91 SofTex Wheat lower trim. (CP x .87)
- 94 Custom color/finish. Specify. Consult factory.

Other

- 99 Special modification. Consult factory.
- FS Additional in-line fuse. Not available with Option -98 (347V).
- LE With 4-pin electronic lamp. 3500°K standard. 82 CRI and 12,000 hour life. Specify wattage, style and color temperature.

<sup>1</sup> Visit [www.kirlinlighting.com](http://www.kirlinlighting.com) for most current performance / specifications.

SUBMITTAL DATA

APPROVAL STAMP

JOB NAME \_\_\_\_\_  
 TYPE \_\_\_\_\_  
 WATTAGE \_\_\_\_\_ VOLTAGE \_\_\_\_\_  
 CATALOG NUMBER \_\_\_\_\_

LIMITED WARRANTY: CATALOGUED KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR THREE YEARS FROM DATE OF PURCHASE. INSTALLLED TO N.E.C. IN 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 discretion 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 or repair, or modification of the fixture without prior written authorization from the manufacturer. This warranty is void where prohibited by law.