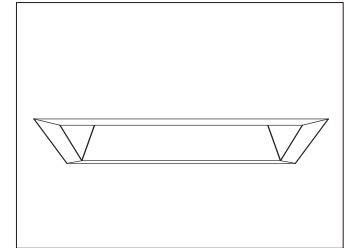


CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

6" x 11" 1 Triple 70 WATT MAXIMUM

FRT-06093

Open Appearance Rectangle



Features

Lamp

- Designed for one 4-pin triple/four tube amalgam compact fluorescent lamp; 70W 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 circuit. Re-fluoresces internally fused. Also see Option -FS.

Reflectors

- Upper: Specular Alzak® aluminum
- Lower: Clear SofTex aluminum self-flange
- See Option for other finishes.
- MicroLux tempered microprisms lens mounted above trim.

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.
- Built-in plaster frame.

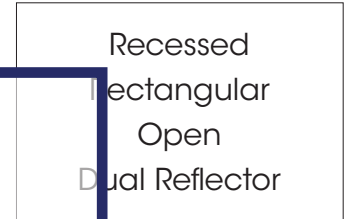
Outlet Box

- Prewired 14 GA (NEC) galvanized steel, UL listed, 1/2" and 3/4" knockouts.

- 27 g/voltz has no open air available mounting bracket 2" surface.
- Recesses indoor or outdoor in covered locations.

UL, CUL (Canada) Listings

- Wet/damp or dry (with covered ceilings).
- Through-branch circuit breaker (6/2).
- UL ENEC (Eurasian Conformity)
- Complete standard fixture and ballast.



Selected Optional Trims:

- All White Option -30
- SoTex Titanium Option -57
- SoTex Dune Option -71
- SoTex Pewter Option -77
- SoTex Wheat Option -91

THIS PRODUCT IS NO LONGER AVAILABLE

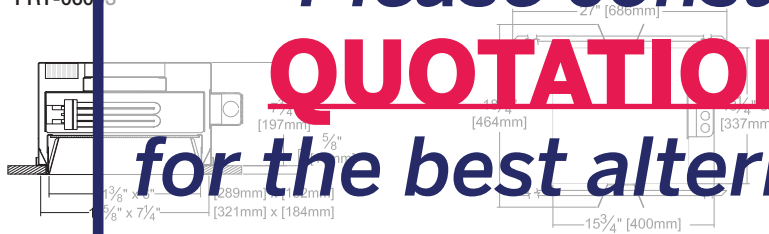
Performance at a Glance

Please consult

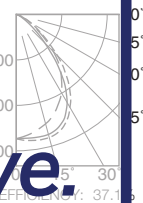
QUOTATIONS

for the best alternative.

FRT-06093



FRT-06093 (1 Triple 70W)



Cone of Light*		
Dist.	FC	Dia.
6	30.4	7.4
8	17.1	9.9
10	10.9	12.3
12	7.6	14.8
14	5.6	17.2
16	4.3	19.7
---	0° SC	1.3
---	90° SC	1.2
---	180° SC	1.1

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
6 3/4" x 12 1/8"

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 70

CATALOG NUMBER
FRT-06093

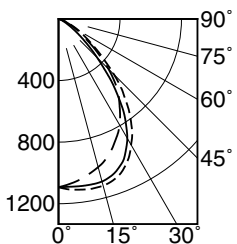
DUE TO OUR CONTINUING EFFORT TO IMPROVE PRODUCTS, TECHNICAL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE.

Alzak® is a registered trademark of ALCOA.

Detailed Photometry - Installed Fixture

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

FRT-06093 (1 Triple 70)



----- 0° SC 1.3
 _____ 90° SC 1.2
 - · - · - 180° SC 1.1

EFFICIENCY : 37.1%

CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	1093	1093	1093	1093	1093
5	1113	1107	1093	1076	1068
15	1121	1122	1093	1038	996
25	1040	1085	1005	970	873
35	824	882	740	780	693
45	511	480	357	413	460
55	231	187	123	153	203
65	85	46	31	38	73
75	16	8	6	7	16
85	1	1	1	1	1
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION							
RF	20						
	80			50			
RC	70	50	30	10	50	30	10
RW							
1	42	40	39	38	38	37	36
2	39	37	35	33	35	33	32
3	36	33	31	29	32	30	28
4	34	30	28	26	29	27	25
5	32	28	25	23	27	24	23
6	30	25	23	21	24	22	20
7	28	23	21	19	23	20	19
8	26	22	19	17	21	19	17
9	24	20	17	16	19	17	16
10	23	19	16	14	18	16	14

ITL TEST #55427 *LER=26.2 •AEC=\$9.15

* 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. Not available with Option -75, -CR or -HR.
- 43 Lower wattage. For 4-pin 57W triple/four tube or 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

- 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.

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

SUBMITTAL DATA

JOB NAME

TYPE

WATTAGE

VOLTAGE

CATALOG NUMBER

APPROVAL STAMP

LIMITED WARRANTY: CATALOGUED KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR THREE YEARS FROM DATE OF PURCHASE. INSTALLER TO N.E.C. IN NORMAL USE. Manufacturer at his option will replace or repair the 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 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. Abnormal use, abuse of the fixture, improper installation, repair, or modification of the fixture without prior written authorization from the manufacturer will render the warranty void.