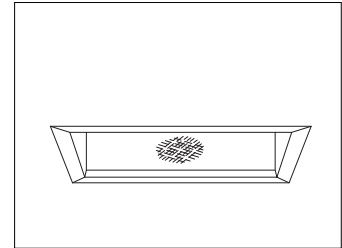


CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

6" x 11" 2 Triple 42 WATT MAXIMUM

FRT-06100

## High Output Rectangular Lensed Wall Wash



### Features

#### Lamp

- Designed for two 4-pin triple tube amalgam or quad compact fluorescent lamps: 42/32/26W triple or 26W quad.

#### Ballast: Multi Wattage/Voltage

- Installed electronic high power factor, thermally protected. For lower wattages: Option -43.
- 120-277 multi-volt; 50/60 Hz; 100-1000V.
- ClickQuick connectors for easy installation.
- Single circuit wiring or see option -84 for double.
- Cold weather rating: -22°F (-30°C).
- End of lamp life protection circuit. RFI filter.
- Internally fused. Also see Option -FS, -FD.

#### Trim Assembly

- Upper: Specular Alzak® aluminum.
- Lower: Clear Softex aluminum flange.
- Microlux tempered clear glass lens.

#### 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. varnished hardware, adjustable mounting brackets (2) supplied.
- Recesses indoor or outdoor in covered locations.

#### UL, C-UL (Canada) Listings

- Wet location or damp locations (covered ceiling).
- Through-branch circuit (Type 6-2).
- Three (3) listed variants.
- Complete standard fixture and ballast.



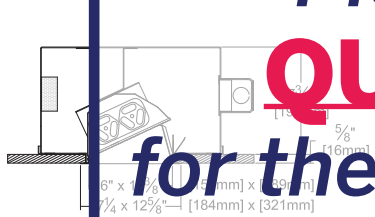
#### Selected Optional Trims:

- All 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

FRT-06100



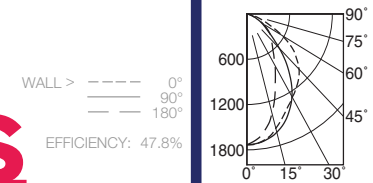
Please consult

**QUOTATIONS**

for the best alternative.

Ceiling Cut-out

FRT-06100 (2 Triple 42W)



DISTANCE FROM CEILING IN FEET	MULTIPLE FIXTURES										
	3' CENTERS					4' CENTERS					
	FIXTURE INSTALLED 3' FROM WALL Footcandle Distribution on Wall Surface										
1	19.4	15.0	8.7	4.0	2.2	32.2	28.6	30.2	27.4	22.6	27.4
2	41.8	34.7	20.9	10.2	4.8	68.4	65.8	65.4	51.0	45.7	51.0
3	68.4	57.8	35.4	17.4	8.0	98.9	76.6	75.8	58.9	57.3	58.9
4	29.4	27.3	21.6	15.0	9.3	66.3	67.0	66.3	51.1	51.0	51.1
5	20.2	18.8	16.0	12.1	8.6	53.9	54.4	53.9	42.1	42.1	42.1
6	14.3	13.8	12.2	9.9	7.7	43.6	44.1	43.6	34.6	34.8	34.6
7	10.7	10.3	9.2	8.0	6.5	36.3	36.9	36.3	29.2	29.3	29.2
8	8.5	8.5	7.7	6.6	5.5	31.0	31.3	31.0	25.5	25.2	25.5
9	6.6	6.7	6.3	5.7	5.0	27.5	26.3	27.5	22.0	20.7	22.0

## 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

2 Triple 42

CATALOG NUMBER

FRT-06100

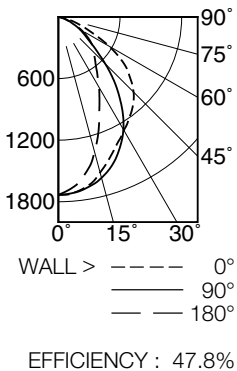
DUE TO OUR CONTINUING EFFORT TO IMPROVE PRODUCTS, TECHNICAL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE.

Alzak® is a registered trademark of ALCOA.

Detailed Photometry - Installed Fixture

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

**FRT-06100 (2 Triple 42)**



CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	1733	1733	1733	1733	1733
5	1719	1721	1719	1688	1664
15	1569	1609	1622	1469	1360
25	1358	1412	1411	1084	946
35	1201	1194	1078	686	656
45	1035	978	645	462	493
55	767	661	322	279	353
65	359	298	153	132	166
75	118	90	61	34	39
85	14	15	6	6	6
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION							
RF	20						
	80			50			
FC	70	50	30	10	50	30	10
1	53	51	50	48	48	47	46
2	49	46	43	41	43	41	39
3	45	41	38	35	39	36	34
4	42	37	33	31	35	32	30
5	39	33	30	27	32	29	26
6	36	31	27	24	29	26	24
7	34	28	24	21	27	24	21
8	32	26	22	19	25	22	19
9	30	24	20	18	23	20	18
10	28	22	19	16	21	18	16

ITL TEST #55420 \*LER=36.3 •AEC=\$6.61

\* 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 either 4-pin electronic 2x18W triple/quad or 2x13W quad (only). Specify wattage.
- 84 Wired for two circuits. Also see -FD.
- 97 Specify other voltage. Consult factory.
- 98 347 volt, 50/60 Hz. THD < 10%. input. Consult factory.

**Emergency Ballast - Specify Voltage<sup>1</sup>**

Internal (factory installed) 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 -CE) -20° to 55°C (-4° to 131°F).
- 73 Internal 1-lamp EM ballast. Specify voltage.
- CE Internal cold weather (-20° to 55°C) 1-lamp EM ballast. Specify voltage.
- HE<sup>1</sup> Internal higher lumen (up to 1250) 1-lamp EM ballast. 13-42W only. Specify voltage.

**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)
- 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.
- FD Two additional in-line fuses. One per ballast. Use with Option -84. Not available with Option -98 (347V).
- 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

JOB NAME

TYPE

WATTAGE

VOLTAGE

CATALOG NUMBER

APPROVAL STAMP

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 his option will replace or repair such fixture or refund the purchase price on presentation of proof of 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.