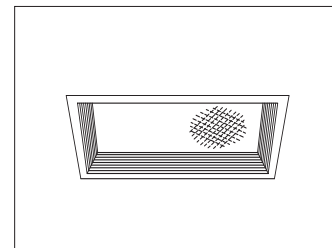


Rectangle with Regressed Lens



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 and filter.
- Internally fused. Also see Option -FS.

Reflector

- Specular Alzak® aluminum.

Trim Assembly

- Tapered aluminum black or clear with or without flange or seal. Option -40.
- Regressed tempered prismatic 3 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.

Outlet Box

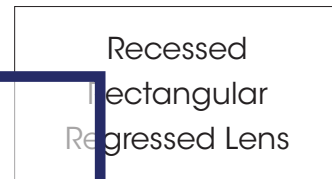
- Prewired 14 GA (NEC) galvanized steel, UL listed. 1/2" and 3/4" knockouts.

Installation

- 27" g w/ adjustable mounting arm with adjustable brackets (2) supplied.
- Recessed mounting for use in ceiling locations.

UL, C-UL (Canada) Listings

- Wet damp location listings for recessed ceiling through-branching (6 #12).
- Three year limited warranty.
- Complete standard fixture and ballast.

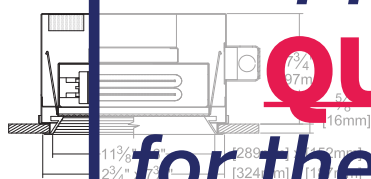


Selected Optional Trims:

- White Grooveless Flare Option -40

Performance at a Glance

FRT-06112

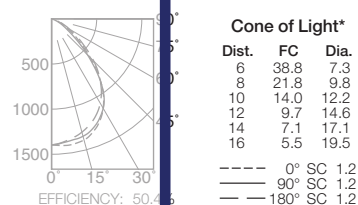


Option -40 Also Shown

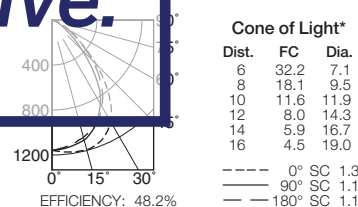
Cone of Light Key
Ft. Distance from fixture
FC Footcandles (average)
Dia. Circle of light at 50% of FC
 * Dia. (in ft.) shown is where FC value is half the FC at nadir.

Please consult
QUOTATIONS
 for the best alternative.

FRT-06112 (1 Triple 70W)



FRT-06112-43 (1 Triple 57W)



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-06112

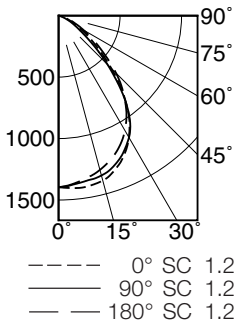
DUE TO OUR CONTINUING EFFORT TO IMPROVE PRODUCTS, TECHNICAL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE.

Alzak® is a registered trademark of ALCOA.

Detailed Photometry - Installed Fixture

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

FRT-06112 (1 Triple 70)



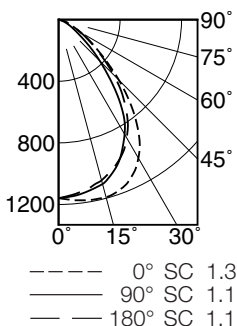
EFFICIENCY : 50.4%

CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	1396	1396	1396	1396	1396
5	1408	1398	1379	1372	1373
15	1389	1375	1346	1308	1299
25	1256	1287	1237	1219	1172
35	998	1079	1004	1031	962
45	606	666	564	669	661
55	295	303	221	317	346
65	119	112	82	123	149
75	39	28	12	32	55
85	0	0	0	0	0
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION							
RF	20						
RC	80			50			
RW	70	50	30	10	50	30	10
1	56	55	53	51	51	50	49
2	52	49	47	44	47	45	43
3	49	44	41	39	42	40	38
4	45	40	37	34	38	36	33
5	42	37	33	30	35	32	30
6	39	33	30	27	32	29	27
7	37	31	27	24	30	26	24
8	34	28	24	22	27	24	22
9	32	26	22	20	25	22	20
10	30	24	21	18	24	20	18

ITL TEST #54800 *LER=34.3 •AEC=\$6.99

FRT-06112-43 (1 Triple 57)



EFFICIENCY : 48.2%

CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	1159	1159	1159	1159	1159
5	1177	1166	1149	1139	1139
15	1193	1157	1105	1079	1080
25	1124	1085	964	973	971
35	910	882	726	773	781
45	555	524	380	458	507
55	262	235	152	212	250
65	101	87	61	84	101
75	32	24	12	26	36
85	0	0	0	0	0
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION							
RF	20						
RC	80			50			
RW	70	50	30	10	50	30	10
1	54	52	51	49	49	48	47
2	50	47	45	43	45	43	41
3	47	43	40	37	41	38	36
4	43	39	35	33	37	34	32
5	40	35	32	29	34	31	29
6	38	32	29	26	31	28	26
7	35	30	26	24	29	26	23
8	33	27	24	21	27	23	21
9	31	25	22	20	25	22	19
10	29	24	20	18	23	20	18

ITL TEST #54801 *LER=30.7 •AEC=\$7.81

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 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

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.
- HE¹ Internal 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.
- 18 Opal flat glass diffuser.
- 32 White oversize trim extender. Specify size.
- 40 White grooveless flare trim. (CP x 1.10)
- 45 Gasket between ceiling and trim flange.
- 46 Gasket between trim and lens.
- 79 Extension collar for ceilings up to 2" thick.
- 94 Custom color/finish. Specify. Consult factory.

- CF High temperature color filter. Specify color. For use with Options -13, -18.
- UV UV filter. For use with Options -13, -18. 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

* LER = Luminaire Efficiency Rating
 LER = Luminaire Efficacy x Total Lamp Lumens x Ballast Factor
 Input Watts

• AEC = Annual Energy Cost per
 1000 lumens (based on 3000
 hours use @ \$0.08 KWH).

LIMITED WARRANTY: CATALOGED KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR THREE YEARS FROM DATE OF PURCHASE. INSTALL 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 purchase and defective fixture at the office 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, or repair, or modification of the fixture without prior written authorization from the manufacturer will render the warranty void.