

CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

12" 1 Triple 70 WATT MAXIMUM

FSR-12061

Shallow Regressed Lens

Features

Lamp

- Designed for one 4-pin triple/four tube compact fluorescent lamp: 70W triple

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. Field replaceable.
- Internally fused. Also see Option -F.

Reflector

- Specular Alzak® aluminum.

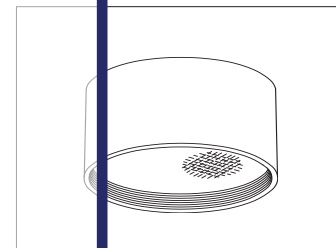
Trim Assembly

- Tapered aluminum one piece black or white with white flange or all white smooth self-flanged trim (Option -40) as shown in section view.
- Regressed temperature sensitive

THIS PRODUCT IS NO LONGER AVAILABLE

Please consult QUOTATIONS

for the best alternative.



Surface Round Regressed Lens

Selected Optional Trims:

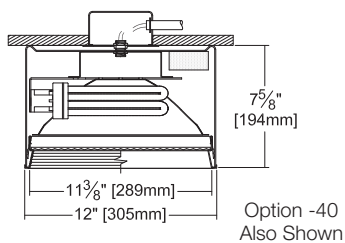
- White Grooveless Flare Option -40
- Fresnel Lens Option -FR

Selected Optional Mounts:

- Pendant Option -PM
- Wall Bracket Option -WB

Performance at a Glance

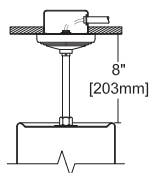
FSR-12061



Option -40 Also Shown

Cone of Light Key

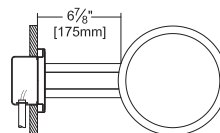
- Ft. Distance from fixture
- FC Footcandles (average)
- Dia. Circle of light at 50% of FC
- * Dia. (in ft.) shown is where FC value is half the FC at nadir.



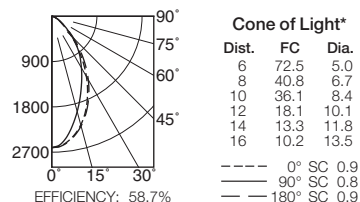
Representative Views:

(Above) With optional pendant mount (Option -PM)

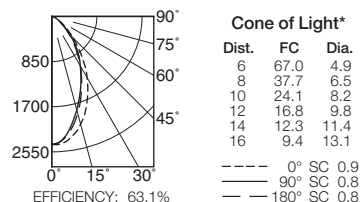
(Below) With optional wall bracket (Option -WB)



FSR-12061 (1 Triple 70W)



FSR-12061-43 (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

FSR-12061

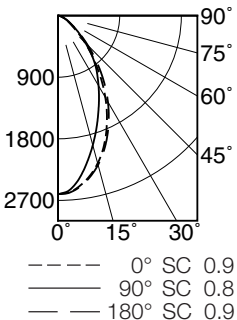
DUE TO OUR CONTINUING EFFORT TO IMPROVE PRODUCTS, TECHNICAL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE.

Alzak® is a registered trademark of ALCOA.

Detailed Photometry - Installed Fixture

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

FSR-12061 (1 Triple 70)



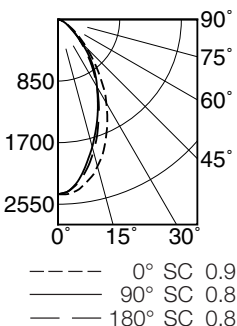
EFFICIENCY : 58.7%

CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	2609	2609	2609	2609	2609
5	2563	2540	2510	2532	2571
15	2234	2081	1959	2068	2258
25	1688	1543	1411	1537	1745
35	1068	1041	982	1044	1160
45	550	565	568	578	617
55	236	270	273	281	266
65	112	117	116	122	128
75	43	49	53	50	49
85	2	2	2	2	2
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION							
RF	20						
	80			50			
RC	70	50	30	10	50	30	10
1	66	64	62	60	60	59	58
2	62	58	55	53	55	53	51
3	58	53	49	46	50	48	45
4	54	48	44	41	46	43	41
5	50	44	40	37	43	39	37
6	47	41	37	34	40	36	33
7	44	38	34	34	37	33	31
8	42	35	31	28	34	31	28
9	40	33	29	26	32	29	26
10	37	31	27	24	30	27	24

ITL TEST #55030 *LER=38.1 •AEC=\$6.30

FSR-12061-43 (1 Triple 57)



EFFICIENCY : 63.1%

CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	2412	2412	2412	2412	2412
5	2393	2370	2324	2311	2333
15	2099	1964	1822	1814	1886
25	1604	1486	1299	1285	1332
35	1049	1018	880	843	837
45	555	550	472	454	449
55	264	252	202	219	226
65	106	110	102	100	98
75	40	44	46	43	42
85	2	2	2	2	0
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION							
RF	20						
	80			50			
RC	70	50	30	10	50	30	10
1	71	69	67	65	65	63	62
2	66	62	59	57	59	57	55
3	62	57	53	50	54	51	49
4	58	52	48	45	50	46	44
5	54	48	43	40	46	42	40
6	51	44	40	37	43	39	36
7	48	41	37	33	40	36	33
8	45	38	34	31	37	33	31
9	43	36	31	28	35	31	28
10	40	33	29	26	33	29	26

ITL TEST #55031 *LER=40.4 •AEC=\$5.95

Options

Ballast, Wattage and Voltage

- 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 Ballast¹

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

Lenses and Trims

- 13 Vandal resistant tempered prismatic C#73 lens above 1/8" flat polycarbonate.

- 17 .187" prismatic high strength acrylic lens.
- 18 Opal flat glass diffuser.
- 20 White aluminum egg-crate louver (1/2" cubes).
- 21 White flat polycarbonate diffuser.
- 40 White grooveless flare trim. (CP x 1.10)
- 46 Gasket between trim and lens.
- CF High temperature color filter. Specify color.
- FR Fresnel tempered glass lens.
- HO Holograph concave prismatic tempered lens.
- UV UV filter. Consult factory.
- 87 Custom pendant length. Specify. Use with Option -PM.
- 88 Swivel canopy for sloped ceilings up to 40°. Use with Option -PM.
- 89 Sealed top WeatherCap. Must add to Options -80, -PM and -WB for wet label listing.
- PM Pendant mount. 8" stem or see Option -87. Must add Option -89 for wet label listing.
- QM QuickConnect mount for indoor (damp or dry) use only.
- WB Wall bracket mount. Must add Option -89 for wet label listing.
- 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.
- 35 Natural aluminum acrylic enamel.
- 37 Dark Bronze acrylic enamel.
- 38 Black acrylic enamel.
- 94 Custom color/finish. Specify. Consult factory.
- Mounting**
- 54 Safety cable from fixture through pendant stem and 12" beyond. Use with -PM.
- 80 2" collar for mounting beneath surface outlet box. 1/2" T.S. KO's. Must add -89 for wet label listing.

SUBMITTAL DATA

APPROVAL STAMP

JOB NAME

TYPE

WATTAGE

VOLTAGE

CATALOG NUMBER

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

* 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).

LIMITED WARRANTY: CATALOGED 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 his option will replace or repair, at no charge, any fixture or component thereof which is found to be defective in workmanship or material, provided that the fixture or component is returned to the manufacturer in accordance with the terms of this warranty. This warranty is void if the fixture is used for any purpose other than that for which it was designed, or if it is subjected to abnormal use, abuse or improper installation, or if it is modified, altered, repaired, or if it is subjected to any other damage, direct or indirect, sustained or sudden. 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 modification of the fixture without prior written authorization from the manufacturer will render the warranty void.