

12" 1 Triple 42 WATT MAXIMUM

FSR-12055

X-CELL™ Cross Baffle Cylinder with
Excellent Visual Comfort

THIS PRODUCT IS NO LONGER AVAILABLE

Features:

Lamp

- Designed for one 4-pin triple tube and compact quad fluorescent lamp:
- 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. THD < 10%.
- ClickQuick connectors for easy service.
- Cold weather -22°F (-30°C).
- End of lamp life protection circuit. LFL filter.
- Internally fused. Also see Option -FS.

Reflector

- Upper: Specular Alzak® aluminum cone and 4 cell parabolic cross baffle, self-flanged.
- Lower: Low-iridescence (L.I.) semi-specular Alzak® aluminum cone and 4 cell parabolic cross baffle, self-flanged.
- See Options for custom finishes.

Aluminum Housing

- Seamless, white acrylic enameled. Rustproof: Exceeds 1000 hours of 10% salt spray test.
- Non-volatile, non-flammable.

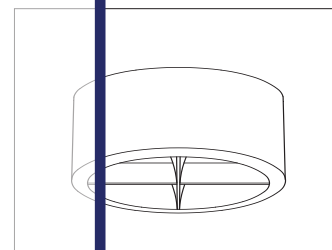
- Lightweight: Minimizes ceiling load.
- Cool operation: Extends component life.

Installation

- Center point mounting for snug fit to ceiling. Mounting hardware furnished.
- Mounting hardware for standard ceiling (Option -80)
- Pendant mount (Alzak® Alzak® -PM)
- Indoor or outdoor for covered ceiling use. (See Option -89)
- UL listed for wet, damp or dry locations, covered ceilings. (See Option -89)

Three Year Limited Warranty

- Complete shop assembly and finish.



Surface Round
Open
X-CELL™

Selected Optional Trims:

- Al White Option -30
- White Flange Option -31
- Wall Wash Option -WW

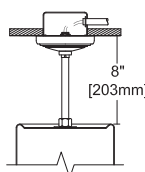
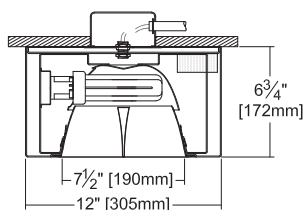
Selected Optional Mounts:

- Pendant Option -PM

Please consult
QUOTATIONS
for the best alternative.

Performance at a Glance

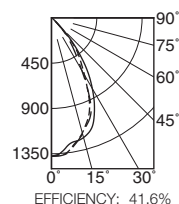
FSR-12055



Representative View:

With optional pendant
mount (Option -PM)

FSR-12055 (1 Triple 42W)



Cone of Light*

Dist.	FC	Dia.
6	38.2	5.7
8	21.5	7.7
10	13.8	9.6
12	9.5	11.5
14	7.0	13.4
16	5.4	15.3

--- 0° SC 0.9
--- 90° SC 1.0
--- 180° SC 0.9

EFFICIENCY: 41.6%

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.

THE KIRLIN COMPANY

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RENAISSANCE SERIES COMPACT FLUORESCENT LIGHTING

MAXIMUM WATTAGE

1 Triple 42

CATALOG NUMBER

FSR-12055

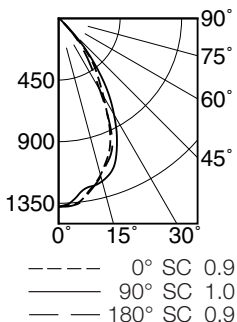
DUE TO OUR CONTINUING EFFORT TO IMPROVE PRODUCTS,
TECHNICAL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE.

Alzak® is a registered trademark of ALCOA.

Detailed Photometry - Installed Fixture

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

FSR-12055 (1 Triple 42)



EFFICIENCY : 41.6%

CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	1375	1375	1375	1375	1375
5	1361	1345	1325	1353	1367
15	1184	1200	1231	1174	1194
25	884	986	1010	962	911
35	487	504	595	495	391
45	103	113	142	119	105
55	18	14	23	15	16
65	4	2	4	2	4
75	0	0	0	0	0
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	47	46	45	44	43	43	42
2	45	43	41	40	41	39	38
3	42	40	38	36	38	36	35
4	40	37	35	33	36	34	32
5	38	35	32	30	33	31	30
6	36	32	30	28	31	29	28
7	34	30	28	26	29	27	26
8	33	28	26	24	28	26	24
9	31	27	24	23	26	24	22
10	29	25	23	21	25	23	21

ITL TEST #51514 *LER=29.6 •AEC=\$8.11

* LER = Luminaire Efficiency Rating

$$\text{LER} = \frac{\text{Luminaire Effic.} \times \text{Total Lamp Lumens} \times \text{Ballast Factor}}{\text{Input Watts}}$$
• 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 either 4-pin electronic 18W triple/quad or 13W quad (only). 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.

Trims

- 30 All white cross baffle and flange. (CP x .95)
- 31 White flange (only) on cross baffle.
- 70 Softex Clear cross baffle. (CP x .92)
- 94 Custom color/finish. Specify. Consult factory.
- WW Wall wash cross baffle.

Luminaire (Housing) Finishes

- 35 Natural aluminum acrylic enamel.
- 37 Dark Bronze acrylic enamel.
- 38 Black acrylic enamel.
- 94 Custom color/finish. Specify. Consult factory.

Mounting

- 80 2" collar for mounting beneath surface outlet box. 1/2" T.S. KO's. Must add Option -89 for wet label listing.

- 87 Custom pendant length. Specify length. 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 and -PM for wet label listing.
- PM Pendant mount. 8" stem or see Option -87. 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.

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

SUBMITTAL DATA

APPROVAL STAMP

JOB NAME

TYPE

WATTAGE

VOLTAGE

CATALOG NUMBER