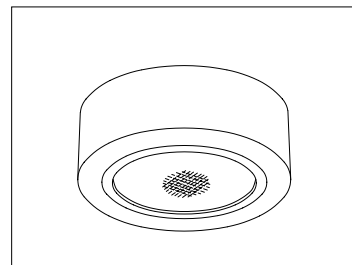


CATALOG #	TYPE
JOB NAME	WATTAGE VOLTAGE

12" 1 Triple 42 WATT MAXIMUM

FSR-12057

4" Deep Super Shallow Lensed Cylinder



Features

Lamp

- Designed for one 4-pin triple tube amalgam or quad compact 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. RFI filter.
- Internally fused. Also see Option -FS.

Reflector

- Specular Alzak® aluminum.

Trim Assembly

- White flat seamless aluminum, self-flanged.
- Prismatic C#73 spread distribution lens.

Aluminum Housing

- Seamless white acrylic enameled. Rustproof: Exceeds 1000 hour ASTM 5% salt spray test.
- No visible cylinder hardware.
- Lightweight: Minimizes ceiling load.
- Cool operation: Extends component life.

Installation

- Center point mounting for snug fit to ceiling. Mounting hardware furnished.
- 2" collar for surface J-box mount. (Option -80)
- Indoor or outdoor for covered ceiling use. (See Option -89)

UL Listing

- Wet, damp or dry locations, covered ceilings. (See Option -89)

Three Year Limited Warranty

- Complete standard fixture and ballast.

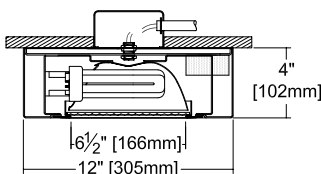
Surface Round
Flat Lens
Shallow

Selected Optional Trim:

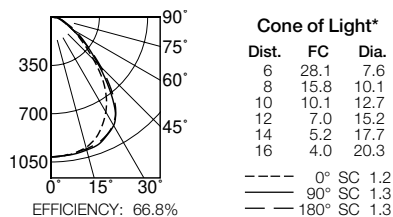
- Opal Diffuser Option -18

Performance at a Glance

FSR-12057



FSR-12057 (1 Triple 42W)



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

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 42

CATALOG NUMBER

FSR-12057

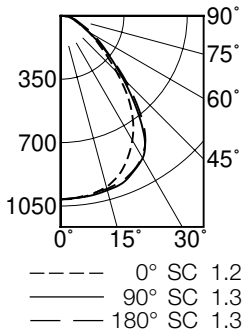
DUE TO OUR CONTINUING EFFORT TO IMPROVE PRODUCTS, TECHNICAL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE.

Alzak® is a registered trademark of ALCOA.

Detailed Photometry - Installed Fixture

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

FSR-12057 (1 Triple 42)



EFFICIENCY : 66.8%

CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	1013	1013	1013	1013	1013
5	1010	1011	1009	1007	1008
15	978	993	997	994	989
25	872	921	950	932	946
35	696	773	805	800	816
45	437	473	485	491	511
55	241	242	260	259	278
65	123	130	128	138	149
75	71	75	81	83	82
85	22	24	27	28	26
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION							
RF	20						
RC	80				50		
RW	70	50	30	10	50	30	10
1	74	71	69	66	67	65	63
2	68	63	60	56	60	57	54
3	63	57	52	48	54	50	47
4	58	51	46	42	49	45	41
5	54	47	41	37	44	40	37
6	51	42	37	33	41	36	33
7	47	39	33	30	37	33	29
8	44	36	30	27	34	30	27
9	41	33	28	24	32	27	24
10	38	31	26	22	30	25	22

ITL TEST #52486 *LER=47.4 •AEC=\$5.06

* 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 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 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

- 17 .187" prismatic high strength acrylic lens.
- 18 Opal flat glass diffuser.
- 21 White flat polycarbonate diffuser.
- 46 Gasket between trim and lens.
- CF High temperature color filter added to lens assembly. Specify color.
- UV UV filter. Consult factory.

Luminaire (Housing) Finishes

- 35 Natural aluminum acrylic enamel.
- 36 Gold 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.
- 89 Sealed top WeatherCap. Must add to Option -80 for wet label listing.

Other

- 99 Special modification. Consult factory.
- FS Additional in-line fuse.
- 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