

12" 1 Triple 42 WATT MAXIMUM

FSR-12057

4" Deep Super Shallow
Lensed Cylinder

THIS PRODUCT IS NO LONGER AVAILABLE

Features

Lamp

- Designed for one 4-pin triple tube and one 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 -89.

Reflector

- Specular Alzak® aluminum.

Trim Assembly

- White flat seamless aluminum self-flanged.
- Prismatic Clear 73 spread distribution lens.

Lumen Hoops

- Seamless white acrylic lensed. Dustproof.
- See Option -70 for 1000 hr. 1000000 ft. candle test.

- No visible cylinder hardware.
- Lightweight: Minimizes ceiling load.
- Cool operation: Extends component life.

Installation

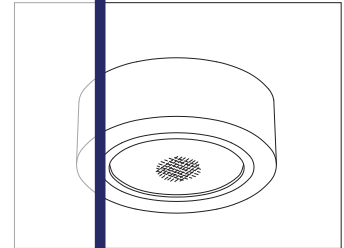
- Center point mounting for snug fit to ceiling.
- Mounting hardware furnished.
- 2" collar for surface U-box mount. (Option -80)
- Indoor or outdoor for covered ceiling use. (See Option -89)

Listing

- UL listed for indoor use.
- UL listed for outdoor use.

Three Year Limited Warranty

- Includes shipping and handling charges.



Surface Round
Flat Lens
Shallow

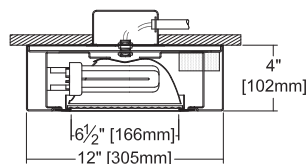
Selected Optional Trim:

- Coal Diffuser Option -18

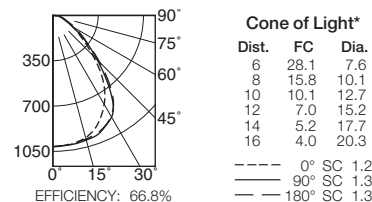
Please consult
QUOTATIONS
for the best alternative.

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

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RENAISSANCE SERIES COMPACT FLUORESCENT LIGHTING

MAXIMUM WATTAGE

1 Triple 42

CATALOG NUMBER

FSR-12057

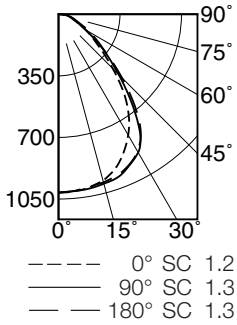
DUE TO OUR CONTINUING EFFORT TO IMPROVE PRODUCTS,
TECHNICAL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE.

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. 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.

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.
- 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. 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