

| | | |
|-----------|---------|---------|
| CATALOG # | TYPE | |
| JOB NAME | WATTAGE | VOLTAGE |

12" 2 Triple 42 WATT MAXIMUM

FSR-12063

Shallow Multi-Lamp Lensed Cylinder

Features

Lamp

- Designed for two 4-pin triple tube amalgam or quad compact fluorescent lamps: 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.
- Single circuit wiring or see Option -84.
- Cold weather -22°F (-30°C).
- End of lamp life protection circuit. Filament protection circuit. Filament protection circuit. Filament protection circuit. Filament protection circuit.
- Internally fused. Also see Options -FS, -FD.

Reflector

- Specular Alzak® aluminum.

Trim Assembly

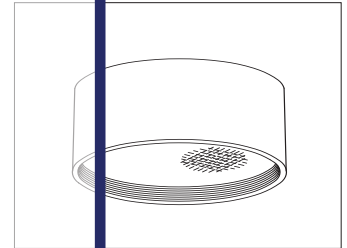
- Tapered aluminum one piece black or white with white flange or all white smooth self-flanged trim (Option -40).
- Regressed temperature sensitive (#3).

Aluminum Housing

- Seamless white acrylic enameled. Rustproof: Exceeds 1000 hours Salt spray test.
- Non-volatile organic free.
- Light weight, impact resistant, long life.
- Cool operation: Extends component life.

Installation

- Center point mounting for snug fit to ceiling. Mounting hardware furnished.
- QuickConnect mounting available. (Option -QM)
- QuickConnect mounting available. (Option -QM)
- Indoor or outdoor for covered ceiling use. (See Option -89)
- Wet, damp or dry locations, covered ceilings. (See Option -89)
- Complete solid die cast and ballast.



Surface Round Regressed Lens

Selected Optional Trims:

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

Selected Optional Mounts:

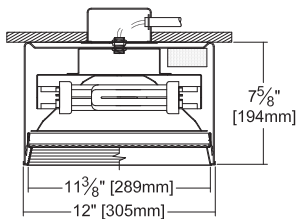
- Pendant Option -PM
- Wall Bracket Option -WB

THIS PRODUCT IS NO LONGER AVAILABLE

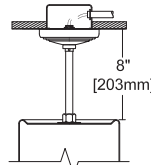
Please consult **QUOTATIONS** for the best alternative.

Performance at a Glance

FSR-12063



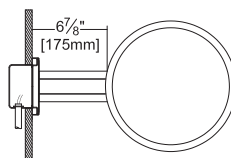
Option -40 Also Shown



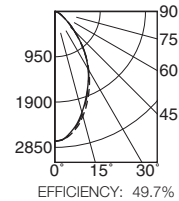
Representative Views:

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

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



FSR-12063 (2 Triple 42W)



Cone of Light*

| Dist. | FC | Dia. |
|-------|------|------|
| 6 | 75.6 | 5.2 |
| 8 | 42.5 | 6.9 |
| 10 | 27.2 | 8.6 |
| 12 | 18.9 | 10.4 |
| 14 | 13.9 | 12.1 |
| 16 | 10.6 | 13.8 |

| | | |
|-----|--------|-----|
| --- | 0° SC | 0.9 |
| --- | 45° SC | 0.9 |
| --- | 90° SC | 0.9 |

EFFICIENCY: 49.7%

- 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

2 Triple 42

CATALOG NUMBER

FSR-12063

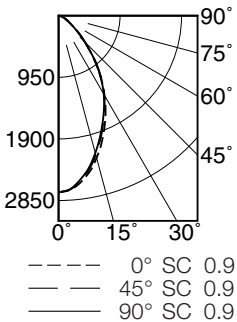
DUE TO OUR CONTINUING EFFORT TO IMPROVE PRODUCTS, TECHNICAL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE.

Alzak® is a registered trademark of ALCOA.

Detailed Photometry - Installed Fixture

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

FSR-12063 (2 Triple 42)



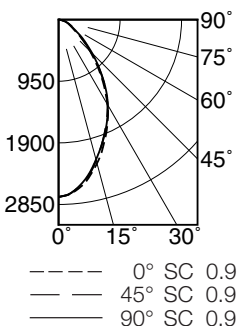
EFFICIENCY : 49.7%

| CANDLEPOWER DISTRIBUTION | | | | | |
|--------------------------|------|------|------|------|------|
| | 0.0 | 22.5 | 45.0 | 67.5 | 90.0 |
| 0 | 2723 | 2723 | 2723 | 2723 | 2723 |
| 5 | 2665 | 2662 | 2657 | 2652 | 2647 |
| 15 | 2269 | 2253 | 2219 | 2199 | 2192 |
| 25 | 1713 | 1687 | 1665 | 1654 | 1651 |
| 35 | 1116 | 1114 | 1132 | 1126 | 1117 |
| 45 | 568 | 569 | 572 | 591 | 581 |
| 55 | 249 | 264 | 263 | 254 | 239 |
| 65 | 108 | 107 | 118 | 113 | 115 |
| 75 | 38 | 39 | 40 | 42 | 43 |
| 85 | 0 | 0 | 0 | 0 | 0 |
| 90 | 0 | 0 | 0 | 0 | 0 |

| COEFFICIENTS OF UTILIZATION | | | | | | | |
|-----------------------------|----|----|----|----|----|----|----|
| RF | 20 | | | | | | |
| | 80 | | | 50 | | | |
| | 70 | 50 | 30 | 10 | 50 | 30 | 10 |
| 1 | 56 | 54 | 53 | 51 | 51 | 50 | 49 |
| 2 | 52 | 49 | 47 | 45 | 47 | 45 | 43 |
| 3 | 49 | 45 | 42 | 40 | 43 | 41 | 39 |
| 4 | 46 | 41 | 38 | 35 | 40 | 37 | 35 |
| 5 | 43 | 38 | 35 | 32 | 37 | 34 | 31 |
| 6 | 40 | 35 | 32 | 29 | 34 | 31 | 29 |
| 7 | 38 | 33 | 29 | 27 | 31 | 28 | 26 |
| 8 | 36 | 30 | 27 | 24 | 29 | 26 | 24 |
| 9 | 34 | 28 | 25 | 23 | 27 | 25 | 22 |
| 10 | 32 | 26 | 23 | 21 | 26 | 23 | 21 |

ITL TEST #55047 *LER=33.3 •AEC=\$7.21

FSR-12063-40 (2 Triple 42 - White Flare)



EFFICIENCY : 57.7%

| CANDLEPOWER DISTRIBUTION | | | | | |
|--------------------------|------|------|------|------|------|
| | 0.0 | 22.5 | 45.0 | 67.5 | 90.0 |
| 0 | 2734 | 2734 | 2734 | 2734 | 2734 |
| 5 | 2668 | 2668 | 2657 | 2661 | 2654 |
| 15 | 2294 | 2289 | 2244 | 2249 | 2234 |
| 25 | 1784 | 1781 | 1748 | 1767 | 1761 |
| 35 | 1213 | 1241 | 1248 | 1277 | 1254 |
| 45 | 692 | 704 | 701 | 742 | 736 |
| 55 | 329 | 367 | 368 | 401 | 375 |
| 65 | 185 | 189 | 204 | 198 | 195 |
| 75 | 90 | 95 | 96 | 105 | 104 |
| 85 | 15 | 18 | 17 | 21 | 19 |
| 90 | 0 | 0 | 0 | 0 | 0 |

| COEFFICIENTS OF UTILIZATION | | | | | | | |
|-----------------------------|----|----|----|----|----|----|----|
| RF | 20 | | | | | | |
| | 80 | | | 50 | | | |
| | 70 | 50 | 30 | 10 | 50 | 30 | 10 |
| 1 | 64 | 62 | 60 | 58 | 58 | 57 | 56 |
| 2 | 60 | 56 | 53 | 50 | 53 | 51 | 49 |
| 3 | 56 | 51 | 47 | 44 | 48 | 45 | 43 |
| 4 | 52 | 46 | 42 | 39 | 44 | 41 | 38 |
| 5 | 48 | 42 | 38 | 35 | 41 | 37 | 34 |
| 6 | 45 | 39 | 35 | 31 | 37 | 34 | 31 |
| 7 | 43 | 36 | 32 | 29 | 35 | 31 | 28 |
| 8 | 40 | 33 | 29 | 26 | 32 | 29 | 26 |
| 9 | 38 | 31 | 27 | 24 | 30 | 26 | 24 |
| 10 | 36 | 29 | 25 | 22 | 28 | 25 | 22 |

ITL TEST #55120 *LER=40.0 •AEC=\$5.99

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 2x18W triple/quad or 2x13W quad (only). Specify wattage.
- 84 Wired for two circuits. Also see -FD.
- 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 lens above 1/8" flat polycarbonate.
- 17 .187" prismatic high strength acrylic lens.
- 18 Opal flat glass diffuser.
- 20 White aluminum 1/2" cube egg-crate louver.
- 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 Holophane concave prismatic tempered lens.
- 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

- 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.
 - 87 Custom pendant length. Specify. Use with -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, dry) use only.
 - WB Bracket mount. Must add -89 for wet label.
- Other**
- 99 Special modification. Consult factory.
 - FD Two additional in-line fuses. One per ballast. Use with Option -84. Not available with Option -98 (347V).
 - FS Additional in-line fuse. Not available with Option -98 (347V).
 - LE With 4-pin electronic lamp. 3500°K standard. 82 CRI; 12,000 hour life. Specify wattage, style, °K.

SUBMITTAL DATA

APPROVAL STAMP

JOB NAME

TYPE

WATTAGE

VOLTAGE

CATALOG NUMBER

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

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 such fixture or refund the purchase price on presentation of proof of purchase and defective fixture at the offices 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, repair, or modification of the fixture without prior written authorization from the manufacturer will render the warranty void.

* 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).