

CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

9" 1 Triple 42 WATT MAXIMUM

FSR-09059

Versatile Regressed Lens Cylinder

## Features

### Lamp

- Designed for one 4-pin triple tube amalgam or 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. (See Option -85).
- Internally fused. Also see Option -F5.

### Reflector

- Specular Alzak® aluminum.

### Trim Assembly

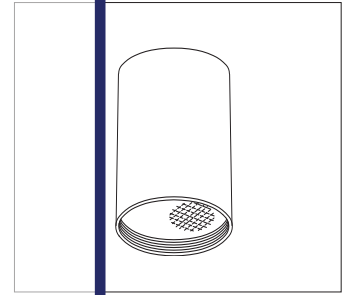
- Tapered aluminum one piece black or chrome with white flange or all white smooth finish and trim (Option -40) as shown in section view.
- Regressed lens for light distribution.

# THIS PRODUCT IS NO LONGER AVAILABLE

## Please consult

# QUOTATIONS

## for the best alternative.



Surface Round Regressed Lens

### Selected Optional Trims:

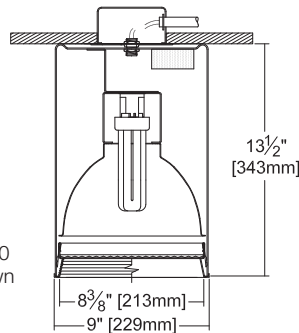
- White Grooveless Flare Option -40
- Fresnel Lens Option -FR

### Selected Optional Mounts:

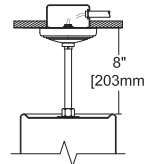
- Pendant Option -PM
- Wall Bracket Option -WB

## Performance at a Glance

FSR-09059



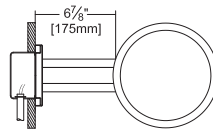
Option -40 Also Shown



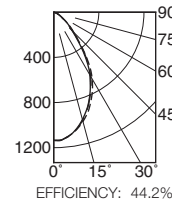
Representative Views:

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

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



FSR-09059 (1 Triple 42W)



### Cone of Light\*

Dist.	FC	Dia.
6	31.5	5.7
8	17.7	7.6
10	11.4	9.5
12	7.9	11.4
14	5.8	13.3
16	4.4	15.2

---	0° SC	1.0
---	45° SC	0.9
---	90° SC	0.9

EFFICIENCY: 44.2%

### 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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(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-09059

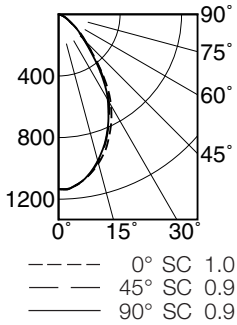
DUE TO OUR CONTINUING EFFORT TO IMPROVE PRODUCTS, TECHNICAL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE.

Alzak® is a registered trademark of ALCOA.

Detailed Photometry - Installed Fixture

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

**FSR-09059 (1 Triple 42)**



EFFICIENCY : 44.2%

CANDLEPOWER DISTRIBUTION					
	0.0	22.5	45.0	67.5	90.0
0	1135	1135	1135	1135	1135
5	1121	1123	1123	1110	1121
15	1002	998	990	985	984
25	804	794	775	765	766
35	530	529	511	495	495
45	250	251	242	233	234
55	108	116	105	116	111
65	49	47	52	46	46
75	14	14	15	16	16
85	0	0	0	0	0
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION						
RF	20					
	80			50		
RC	70	50	30	10	50	30
RW	70	50	30	10	50	30
1	50	48	47	46	45	44
2	47	44	42	40	42	39
3	44	40	38	35	38	35
4	41	37	34	32	35	31
5	38	34	31	29	33	28
6	36	31	28	26	30	26
7	34	29	26	24	28	24
8	32	27	24	22	26	22
9	30	25	22	20	25	20
10	29	24	21	19	23	19

ITL TEST #47479 \*LER=36.0 •AEC=\$6.67

\* 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 Ballast<sup>1</sup>**

- 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.
- HR<sup>1</sup> 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 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 Option -89 for wet label listing.
- 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.

<sup>1</sup> Visit [www.kirlinlighting.com](http://www.kirlinlighting.com) for most current performance / specifications.

**SUBMITTAL DATA**

JOB NAME

TYPE

WATTAGE

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**APPROVAL STAMP**

LIMITED WARRANTY: CATALOGED KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR THREE YEARS FROM DATE OF PURCHASE. INSTALL LED TO N.E.C. IN NORMAL USE. Manufacturer at his option will replace or repair such fixture or re-illuminate 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.