

CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

9" 1 Triple 42 WATT MAXIMUM

FSR-09060

Shallow Regressed Lens Compact Fluorescent

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. For more information see Option -F.
- Internally fused. Also see Option -F.

Reflector

- Specular Alzak® aluminum.

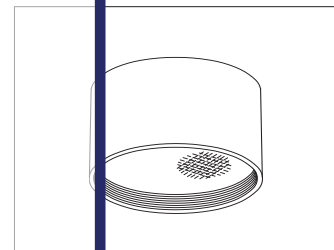
Trim Assembly

- Tapered aluminum one piece black or white with white flange or all white smooth half flange trim (Option -40) as shown in section view.
- Regressed tapered prismatic #12 lens.

THIS PRODUCT IS NO LONGER AVAILABLE

PLEASE CONSULT QUOTATIONS

for the best alternative.



Surface Round Regressed Lens Shallow

Selected Optional Trims:

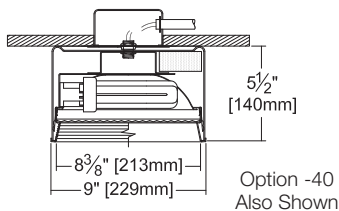
- White Grooveless Flare Option -40
- Fresnel Lens Option -FR

Selected Optional Mounts:

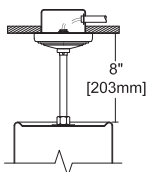
- Pendant Option -PM
- Wall Bracket Option -WB

Performance at a Glance

FSR-09060



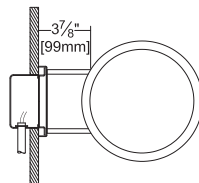
Option -40 Also Shown



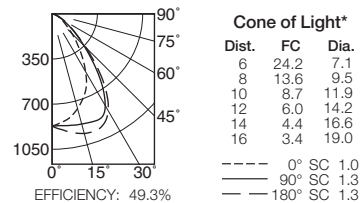
Representative Views:

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

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



FSR-09060 (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-09060

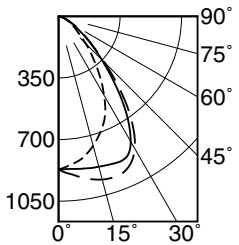
DUE TO OUR CONTINUING EFFORT TO IMPROVE PRODUCTS, TECHNICAL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE.

Alzak® is a registered trademark of ALCOA.

Detailed Photometry - Installed Fixture

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

FSR-09060 (1 Triple 42)



----- 0° SC 1.0
 ----- 90° SC 1.3
 ----- 180° SC 1.3

EFFICIENCY : 49.3%

CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	871	871	871	871	871
5	845	852	870	892	902
15	761	812	884	928	960
25	625	748	892	924	943
35	405	540	673	724	725
45	218	280	347	370	371
55	109	137	154	168	165
65	55	63	66	66	68
75	20	21	21	21	20
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	55	53	52	50	50	49
2	51	48	46	44	46	44
3	48	44	41	38	42	39
4	45	40	36	34	38	35
5	42	36	33	30	35	32
6	39	33	30	27	32	29
7	36	31	27	24	30	27
8	34	28	25	22	27	24
9	32	26	23	20	26	22
10	30	25	21	19	24	21

ITL TEST #45268 *LER=29.6 •AEC=\$8.11

* 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

- 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.
- 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.
- 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.

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

SUBMITTAL DATA

JOB NAME

TYPE

WATTAGE

VOLTAGE

CATALOG NUMBER

APPROVAL STAMP

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.