

CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

9" 1 Triple 42 WATT MAXIMUM

FSR-09047

Open Cylinder

## Features

### Lamp

- Designed for one 4-pin triple tube amperage quad compact fluorescent lamp: 42/32/26W triple or 26W quad.

### Ballast: Multi Wattage/Voltage

- Installed electronic high power, 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. EFL filter.
- Internally fused. Also see Option -FS.

### Reflector

- Low iridescence (L.I.) Alzak® aluminum piece, self-changed.
- See Options for other finishes.

### Aluminum Housing

- Seamless white aluminum housing.

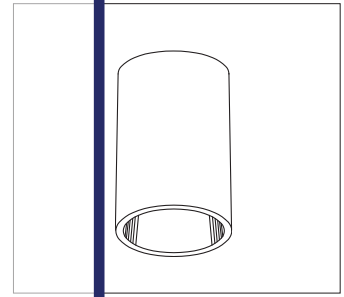
# THIS PRODUCT IS NO LONGER AVAILABLE

# AVAILABLE

## Please consult

# QUOTATIONS

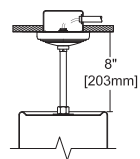
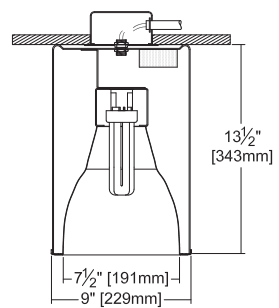
## for the best alternative.



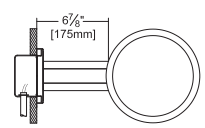
- Selected Optional Trims:**
- SoTex Dune Option -71
  - SoTex Champagne Gold Option -90
  - SoTex Wheat Option -91
- Selected Optional Mounts:**
- Pendant Option -PM
  - Wall Bracket Option -WB

## Performance at a Glance

FSR-09047

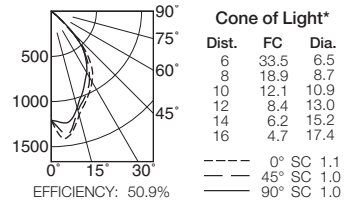


Representative Views:  
 (Above) With optional pendant mount (Option -PM)  
 (Below) With optional wall bracket (Option -WB)

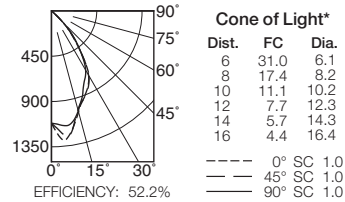


**Cone of Light Key**  
**Ft.** Distance from fixture  
**FC** Footcandles (average)  
**Dia.** Circle of light at 50% of FC  
 • Dia. (in ft.) shown is where FC value is half the FC at nadir.

FSR-09047 (1 Triple 42W)



FSR-09047 (1 Triple 32W)



# 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-09047**

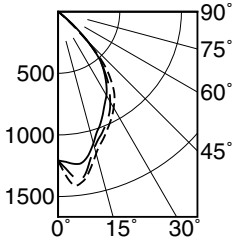
DUE TO OUR CONTINUING EFFORT TO IMPROVE PRODUCTS, TECHNICAL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE.

Alzak® is a registered trademark of ALCOA.

Detailed Photometry - Installed Fixture

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

FSR-09047 (1 Triple 42)



----- 0° SC 1.1  
 - - - - 45° SC 1.0  
 \_\_\_\_\_ 90° SC 1.0

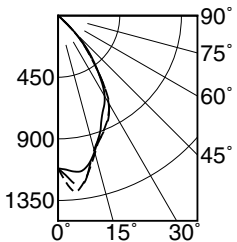
EFFICIENCY : 50.9%

CANDLEPOWER DISTRIBUTION					
	0.0	22.5	45.0	67.5	90.0
0	1207	1207	1207	1207	1207
5	1409	1376	1337	1252	1236
15	1192	1201	1142	1116	1106
25	994	1003	956	929	875
35	790	781	710	737	673
45	324	348	322	359	345
55	11	13	13	16	18
65	4	4	4	6	6
75	2	1	1	2	2
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	57	56	55	53	53	52	51
2	54	52	49	47	49	47	46
3	51	48	45	43	45	43	41
4	48	44	41	38	42	40	38
5	45	41	37	35	39	36	34
6	43	38	34	32	36	34	31
7	40	35	32	29	34	31	29
8	38	33	29	27	32	29	27
9	36	30	27	25	30	27	25
10	34	28	25	23	28	25	23

ITL TEST #55411 \*LER=38.1 •AEC=\$6.30

FSR-09047 (1 Triple 32)



----- 0° SC 1.0  
 - - - - 45° SC 1.0  
 \_\_\_\_\_ 90° SC 1.0

EFFICIENCY : 52.2%

CANDLEPOWER DISTRIBUTION					
	0.0	22.5	45.0	67.5	90.0
0	1115	1115	1115	1115	1115
5	1286	1258	1221	1149	1140
15	1040	1037	1017	1024	1028
25	848	843	855	809	772
35	524	535	527	531	518
45	154	175	155	172	166
55	8	7	7	9	10
65	3	4	4	4	4
75	2	1	2	2	2
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	59	58	56	55	54	53	53
2	56	53	51	49	51	49	48
3	53	50	47	45	47	45	44
4	50	46	43	41	44	42	40
5	47	43	40	37	41	39	37
6	45	40	37	34	39	36	34
7	42	37	34	32	36	33	31
8	40	35	32	29	34	31	29
9	38	33	30	27	32	29	27
10	36	31	28	26	30	27	25

ITL TEST #55412 \*LER=33.2 •AEC=\$7.24

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.

Trims

- 70 SofTex Clear reflector. (CP x .89)
- 71 SofTex Dune reflector. (CP x .85)
- 90 SofTex Champagne Gold reflector. (CP x .88)
- 91 SofTex Wheat reflector. (CP x .83)
- 94 Custom color/finish. Specify. 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.

ShatterGuard™ Shield (Beneath Lamp)

- 17 .187" prismatic high strength acrylic.
- SG .125" clear polycarbonate.

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 length. 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

APPROVAL STAMP

JOB NAME

TYPE

WATTAGE

VOLTAGE

CATALOG NUMBER

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

\* LER = Luminaire Efficiency Rating  
 LER = Luminaire Efficacy x Total Lamp Lumens x Ballast Factor  
 Input Watts

• AEC = Annual Energy Cost per 1000 lumens  
 (based on 3000 hours use @ \$0.08 KWH).