

CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

6" 1 Triple 42 WATT MAXIMUM

FSR-06046

Open Cylinder: Slender 6" Diameter

Features

Lamp

- Designed for only 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, 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 -FS.

Reflector

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

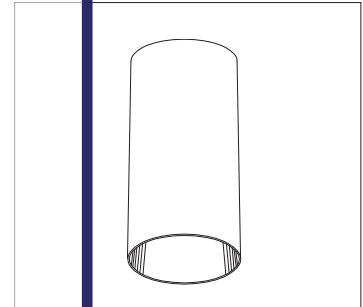
Aluminum Housing

- Seamless white acrylic paneled. Rust-free.

THIS PRODUCT IS NO LONGER AVAILABLE

Please consult QUOTATIONS

for the best alternative.



Surface Round
Open
Single Reflector

Selected Optional Trims:

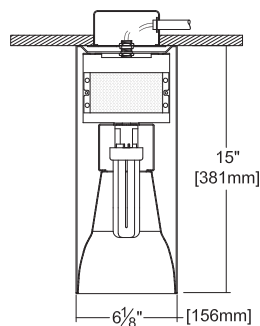
- Softex Dune Option -71
- Softex Champagne Gold Option -90
- Softex Wheat Option -91

Selected Optional Mounts:

- Pendant Option -PM
- Wall Bracket Option -WB

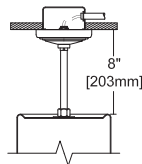
Performance at a Glance

FSR-06046



Cone of Light Key

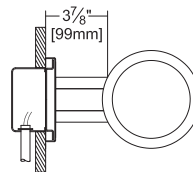
- Ft. Distance from fixture
- FC Footcandles (average)
- Dia. Circle of light at 50% of FC
- * Dia. (in ft.) shown is where FC value is half the FC at nadir.



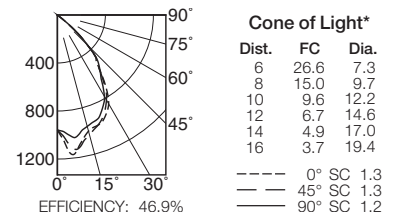
Representative Views:

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

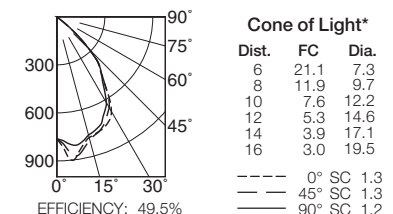
(Below) With optional wall bracket (Option -WB)



FSR-06046 (1 Triple 42W)



FSR-06046 (1 Triple 32W)



THE KIRLIN COMPANY

3401 EAST JEFFERSON AVENUE • DETROIT, MICHIGAN 48207-4232
(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-06046

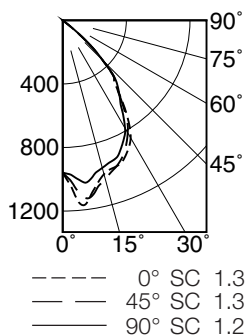
DUE TO OUR CONTINUING EFFORT TO IMPROVE PRODUCTS, TECHNICAL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE.

Alzak® is a registered trademark of ALCOA.

Detailed Photometry - Installed Fixture

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

FSR-06046 (1 Triple 42)



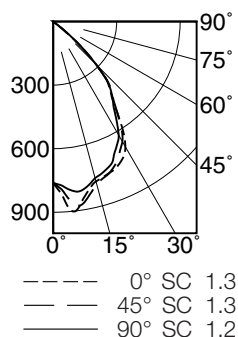
EFFICIENCY : 46.9%

CANDLEPOWER DISTRIBUTION					
	0.0	22.5	45.0	67.5	90.0
0	958	958	958	958	958
5	1148	1129	1078	1016	998
15	1002	1038	1034	975	961
25	937	938	916	888	876
35	685	660	666	634	632
45	358	373	352	356	355
55	2	2	2	2	2
65	0	0	0	0	0
75	0	0	0	0	0
85	0	0	0	0	0
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION							
RF	20						
RC	80						
RW	70	50	30	10	50	30	10
1	53	52	50	49	49	48	47
2	50	47	45	44	45	44	42
3	47	44	41	39	42	40	38
4	44	40	37	35	39	36	35
5	42	37	34	32	36	33	31
6	39	34	31	29	33	31	29
7	37	32	29	27	31	28	26
8	35	30	27	24	29	26	24
9	33	28	25	22	27	24	22
10	31	26	23	21	25	23	21

ITL TEST #48597 *LER=35.1 •AEC=\$6.84

FSR-06046 (1 Triple 32)



EFFICIENCY : 49.5%

CANDLEPOWER DISTRIBUTION					
	0.0	22.5	45.0	67.5	90.0
0	761	761	761	761	761
5	889	872	839	799	793
15	781	798	795	761	765
25	740	749	720	700	685
35	531	528	530	503	500
45	290	301	281	285	286
55	2	1	1	1	0
65	0	0	0	0	0
75	0	0	0	0	0
85	0	0	0	0	0
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION							
RF	20						
RC	80						
RW	70	50	30	10	50	30	10
1	56	54	53	52	51	50	49
2	53	50	48	46	47	46	44
3	50	46	43	41	44	42	40
4	47	42	39	37	41	38	36
5	44	39	36	33	38	35	33
6	41	36	33	30	35	32	30
7	39	34	30	28	33	30	28
8	36	31	28	26	30	27	25
9	34	29	26	24	28	25	23
10	32	27	24	22	26	24	22

ITL TEST #48595 *LER=34.6 •AEC=\$6.94

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.

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

- HR¹ Remote higher lumen (up to 1250) 1-lamp EM ballast. 13-42W only.

Trims

- 70 SoftTex Clear reflector. (CP x .89)
- 71 SoftTex Dune lower reflector. (CP x .85)
- 90 SoftTex Champagne Gold reflector. (CP x .88)
- 91 SoftTex 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.

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 / cable length. Specify length. Use with -AS or -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.
- AS 48" aircraft cable mount with white straight cord. See -87. Consult factory.
- PM Pendant mount. 8" stem or see Option -87. Must add Option -89 for wet label listing.
- 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.

* 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).

LIMITED WARRANTY: CATALOGED KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR THREE YEARS FROM DATE OF PURCHASE, INSTALLED 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 by purchaser or any person. This warranty is supplied in full place of all other warranties expressed or implied. Seller does not warrant 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 void the warranty void.

SUBMITTAL DATA

APPROVAL STAMP

JOB NAME

TYPE

WATTAGE

VOLTAGE

CATALOG NUMBER