

12" 2 Triple 32 WATT MAXIMUM

FSR-12056

X-CELL™ Cross Baffle Cylinder with
Excellent Visual Comfort

Features

Lamp

- Designed for two 4-pin triple tube or quad compact fluorescent lamps, 32/26W triple or 26W quad.

Ballast: Multi-Wattage/Voltage

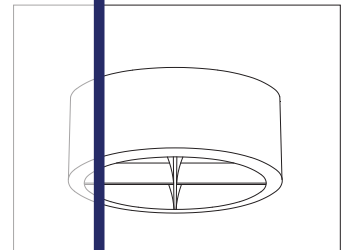
- Installed electronic high power factor, thermally protected. For lower wattages: Option -43
- 120-277 multi-volt; 50/60 Hz. THD < 10%.
- ClickQuick connectors for easy secure wiring or see Option -34.
- Single circuit wiring or see Option -34.
- Cold weather -22°F (-30°C).
- End of lamp life protection circuit (ELPR).
- Internally fused. Also see Options -F and -FD.

Reflector

- Upper: Specular Alzak® aluminum.
- Lower: Low glare (L.I.) semi-specular Alzak® aluminum. Available with 4 pin ballast and cross baffle, self-flashed.

THIS PRODUCT IS NO LONGER AVAILABLE

Please consult
QUOTATIONS
for the best alternative.



Surface Round
Open
X-CELL™

Selected Optional Trims:

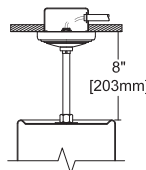
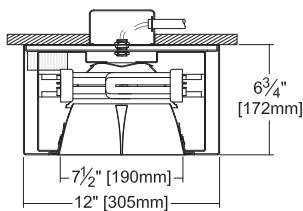
- All White Option -30
- White Flange Option -31
- Wall Wash Option -WW

Selected Optional Mounts:

- Pendant Option -PM

Performance at a Glance

FSR-12056



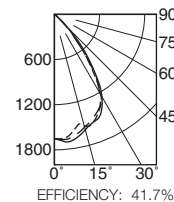
Representative View:

With optional pendant mount (Option -PM)

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-12056 (2 Triple 32W)

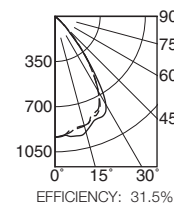


Cone of Light*

Dist.	FC	Dia.
6	45.9	6.8
8	25.8	9.1
10	16.5	11.4
12	11.5	13.6
14	8.4	15.9
16	6.4	18.2

----	0° SC	1.1
----	45° SC	1.1
----	90° SC	1.1

FSR-12056 (2 Quad 26W)



Cone of Light*

Dist.	FC	Dia.
6	26.0	7.0
8	14.6	9.4
10	9.4	11.7
12	6.5	14.0
14	4.8	16.4
16	3.7	18.7

----	0° SC	1.1
----	90° SC	1.2
----	180° SC	1.1

THE KIRLIN COMPANY

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RENAISSANCE SERIES COMPACT FLUORESCENT LIGHTING

MAXIMUM WATTAGE

2 Triple 32

CATALOG NUMBER

FSR-12056

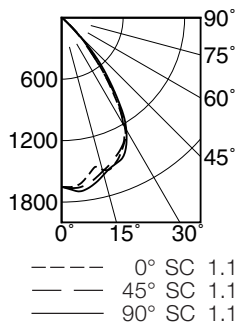
DUE TO OUR CONTINUING EFFORT TO IMPROVE PRODUCTS,
TECHNICAL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE.

Alzak® is a registered trademark of ALCOA.

Detailed Photometry - Installed Fixture

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

FSR-12056 (2 Triple 32)



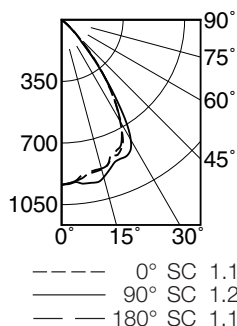
EFFICIENCY : 41.7%

CANDLEPOWER DISTRIBUTION					
	0.0	22.5	45.0	67.5	90.0
0	1651	1651	1651	1651	1651
5	1647	1650	1668	1691	1700
15	1536	1558	1552	1584	1587
25	1406	1426	1390	1435	1457
35	844	871	889	935	929
45	251	219	201	241	243
55	20	11	10	9	13
65	3	4	3	4	4
75	1	1	1	1	1
85	0	0	0	0	0
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION							
RF	20						
RC	80			50			
RW	70	50	30	10	50	30	10
1	47	46	45	44	43	43	42
2	45	43	41	39	41	39	38
3	42	39	37	36	38	36	35
4	40	37	34	32	35	33	32
5	38	34	31	30	33	31	29
6	36	32	29	27	31	29	27
7	34	30	27	25	29	27	25
8	32	28	25	23	27	25	23
9	30	26	23	22	25	23	21
10	29	24	22	20	24	22	20

ITL TEST #54947 *LER=24.5 •AEC=\$9.79

FSR-12056 (2 Quad 26)



EFFICIENCY : 31.5%

CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	937	937	937	937	937
5	920	932	925	920	918
15	880	959	926	922	875
25	805	815	859	796	793
35	481	556	526	501	490
45	129	114	117	112	104
55	11	7	6	5	8
65	2	2	2	2	2
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			50			
RW	70	50	30	10	50	30	10
1	36	35	34	33	33	32	32
2	34	32	31	30	31	30	29
3	32	30	28	27	29	27	26
4	30	28	26	25	27	25	24
5	29	26	24	22	25	23	22
6	27	24	22	21	23	22	20
7	26	22	20	19	22	20	19
8	24	21	19	18	20	19	18
9	23	20	18	16	19	18	16
10	22	19	17	15	18	16	15

ITL TEST #54863 *LER=26.5 •AEC=\$9.05

Options

Ballast, Wattage and Voltage

- 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 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.

Trims

- 30 All white cross baffle and flange. (CP x .95)
- 31 White flange (only) on cross baffle.
- 70 SofTex Clear cross baffle. (CP x .92)
- 94 Custom color/finish. Specify. Consult factory.
- WW Wall wash cross baffle.

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

- 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 and -PM for wet label listing.
- PM Pendant mount. 8" stem or see Option -87. Must add Option -89 for wet label listing.

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 and 12,000 hour life. Specify wattage, style and color temperature.

SUBMITTAL DATA

JOB NAME

TYPE

WATTAGE

VOLTAGE

CATALOG NUMBER

APPROVAL STAMP

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. INSTALLATION, ETC., IS NOT NORMAL USE. Manufacturer at the option will replace or repair such fixture or refund the purchase price on presentation of proof of purchase and defective fixture 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 attempt to 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).