

CATALOG #	TYPE
JOB NAME	WATTAGE VOLTAGE

12" 3 Triple 42 WATT MAXIMUM

FSR-12054

3 x 42

Open Ceiling with Round Trim

Features

Lamp

- Designed for three 4-pin triple tube or quad compact fluorescent lamps: 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%.

- Single circuit wiring or see Option -89.

- Cold weather -22°F (-30°C).

- End of lamp life protection circuit. HFI filter.

- Internally fused. Also see Options -FS, -FD.

Reflector

- Low iridescence (L.I.) Alzak® aluminum, one piece, self-changed.

- See Options for other finishes.

Aluminum Housing

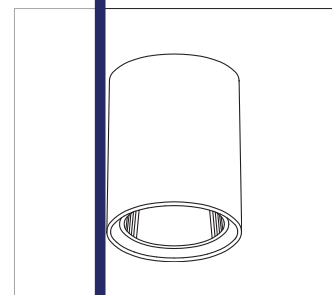
- Seamless white porcelain enamel. Recessed.

THIS PRODUCT IS NO LONGER AVAILABLE

Please consult

QUOTATIONS

for the best alternative.



Surface Round
Open
Single Reflector

Selected Optional Trims:

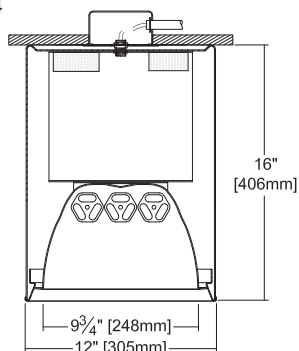
- SoTex Dune Option -71
- SoTex Champagne Gold Option -90
- SoTex Wheat Option -91

Selected Optional Mounts:

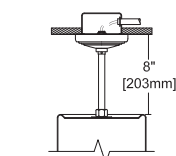
- Pendant Option -PM
- Wall Bracket Option -WB

Performance at a Glance

FSR-12054



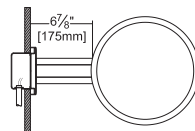
Cone of Light Key
Ft. Distance from fixture
FC Footcandles (average)
Dia. Circle of light at 50% of FC
• Dia. (in ft.) shown is where FC value is half the FC at nadir.



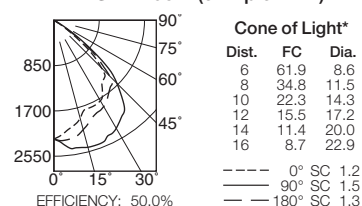
Representative Views:

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

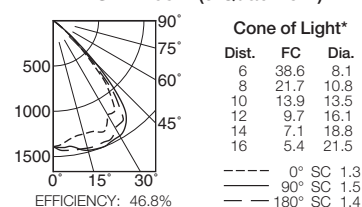
(Below) With optional wall bracket (Option -WB)



FSR-12054 (3 Triple 42W)



FSR-12054 (3 Quad 26W)



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

3 Triple 42

CATALOG NUMBER

FSR-12054

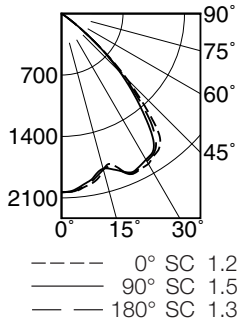
DUE TO OUR CONTINUING EFFORT TO IMPROVE PRODUCTS, TECHNICAL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE.

Alzak® is a registered trademark of ALCOA.

Detailed Photometry - Installed Fixture

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

FSR-12054 (3 Triple 42)



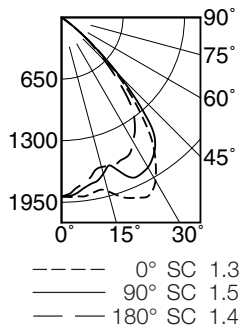
EFFICIENCY : 50.0%

CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	2227	2227	2227	2227	2227
5	2127	2219	2352	2342	2260
15	1902	2211	2466	2402	2124
25	1772	2169	2392	2366	1912
35	1585	2157	2212	2282	1760
45	1261	1422	1672	1606	1483
55	286	405	531	475	394
65	4	5	4	4	5
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	56	54	53	52	51	50	49
2	52	49	47	45	47	45	43
3	49	45	42	39	43	40	38
4	45	41	37	35	39	36	34
5	42	37	33	31	36	32	30
6	39	34	30	27	32	29	27
7	37	31	27	24	30	27	24
8	34	28	25	22	27	24	22
9	32	26	23	20	25	22	20
10	30	24	21	18	23	20	18

ITL TEST #55660 *LER=36.8 •AEC=\$6.53

FSR-12054 (3 Quad 26)



EFFICIENCY : 46.8%

CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	1390	1390	1390	1390	1390
5	1353	1365	1405	1428	1438
15	1294	1347	1481	1496	1456
25	1342	1372	1482	1539	1458
35	1180	1230	1395	1368	1344
45	436	570	657	619	512
55	31	44	19	40	31
65	2	1	2	1	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	53	51	50	49	48	47	47
2	50	47	45	43	45	43	42
3	47	43	40	38	41	39	37
4	44	40	37	34	38	35	34
5	41	36	33	31	35	32	30
6	38	33	30	28	32	30	28
7	36	31	28	25	30	27	25
8	34	29	25	23	28	25	23
9	32	26	23	21	26	23	21
10	30	25	21	19	24	21	19

ITL TEST #40094 *LER=26.6 •AEC=\$9.01

Options

Ballast, Wattage and Voltage

- 39 Installed electronic dimming ballast. Indoor use. 10°C (50°F) minimum start. Specify wattage, voltage and brand.
- 43 Lower wattage: for either 4-pin electronic 3x18W triple/quad or 3x13W 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 Ballast - Specify Voltage¹

- Internal (factory installed) 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 -CE) -20° to 55°C (-4° to 131°F).
- 73 Internal 1-lamp EM ballast. Specify voltage.
- CE Internal cold weather (-20° to 55°C) 1-lamp EM ballast. Specify voltage.
- HE¹ Internal higher lumen (up to 1250) 1-lamp EM ballast. 13-42W only. Specify voltage.

Trims

- 70 SoftTex Clear reflector. (CP x .89)
- 71 SoftTex Dune 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 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.
- 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

APPROVAL STAMP

JOB NAME

TYPE

WATTAGE

VOLTAGE

CATALOG NUMBER

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

* 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).