

Shallow Surface Mount Regressed Lens

Features

Lamp

- Designed for two 4-pin triple tube or quad amalgam 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. (HID 100% efficiency)
- ClickQuick connectors for easy service.
- Single circuit wiring or see Option -84.
- Cold weather -22°F (-30°C).
- End of lamp life protection circuit with filter.
- Internally fused. Also see Options -89, -FD.

Reflector

- Specular Alzak® aluminum.

Trim Assembly

- Tapered aluminum black OptiGroove with white flange or all white smooth self-flange.

trim (Option -40) as shown in section view.

- Regressed tempered prismatic C#73 lens.

Aluminum Housing

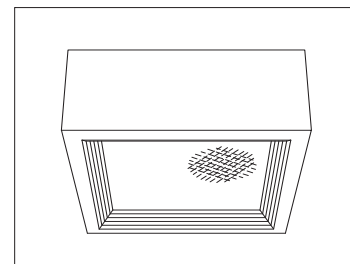
- Rigid, rustproof, with white enameled finish.
- Exceeds 1000 hour ASTM 5% salt spray test.
- No visible housing hardware.
- Cool operation: Extends component life.

Installation

- Complete mounting fixture suggested to bring mounting hardware installed.
- 2" collar for mounting on pole (Option -80)
- Pendant or wall bracket mount available. (See Options -PM, -WB)
- Indoor or outdoor use. (See Option -89)

- Wet, damp or dry locations, covered ceilings. (See Option -89)

These Limited Warranty terms apply to all components, standard fixture and ballast.



Surface Square Regressed Lens

Selected Optional Trim:

- White Grooveless Flare Option -40

Selected Optional Mounts:

- Pendant Option -PM
- Wall Bracket Option -WB

THIS PRODUCT IS NO LONGER AVAILABLE

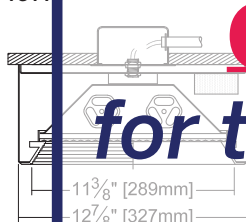
Performance at a Glance

Please consult

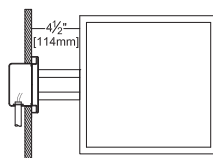
QUOTATIONS

for the best alternative.

FSS-13113



Option -40 Also Shown

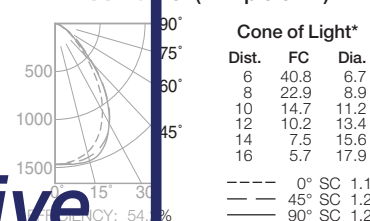


Cone of Light Key

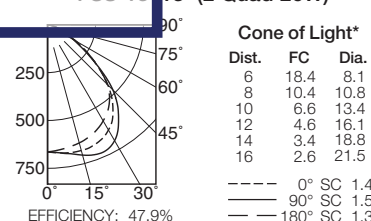
- Ft. Distance from fixture
- FC Footcandles at nadir (0°)
- Dia. Circle of light at 50% of FC

* Dia. (in ft.) shown is where FC value is half the FC at nadir.

FSS-13113 (2 Triple 32W)



FSS-13113 (2 Quad 26W)



THE KIRLIN COMPANY

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RENAISSANCE SERIES COMPACT FLUORESCENT LIGHTING

MAXIMUM WATTAGE

2 Triple 32

CATALOG NUMBER

FSS-13113

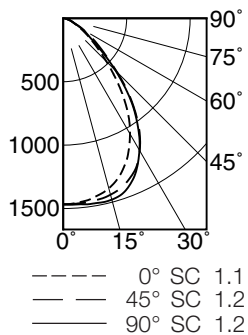
DUE TO OUR CONTINUING EFFORT TO IMPROVE PRODUCTS, TECHNICAL INFORMATION IS SUBJECT TO CHANGE WITHOUT NOTICE.

Alzak® is a registered trademark of ALCOA.

Detailed Photometry - Installed Fixture

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

FSS-13113 (2 Triple 32)



EFFICIENCY : 54.2%

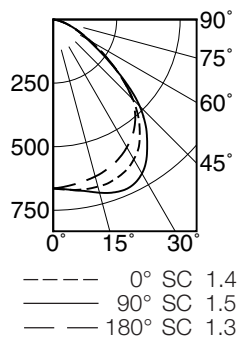
CANDLEPOWER DISTRIBUTION					
	0.0	22.5	45.0	67.5	90.0
0	1467	1467	1467	1467	1467
5	1456	1458	1464	1469	1472
15	1388	1404	1440	1470	1480
25	1201	1245	1329	1353	1348
35	878	941	1036	1046	1021
45	482	518	600	610	584
55	232	243	289	266	251
65	99	106	106	129	115
75	42	43	45	46	50
85	2	2	2	2	2
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION							
RF	20						
RC	80				50		
RW	70	50	30	10	50	30	10
1	60	59	57	55	55	54	53
2	56	53	50	48	50	48	46
3	52	48	44	42	46	43	41
4	49	43	40	37	42	38	36
5	45	40	36	33	38	35	32
6	42	36	32	29	35	32	29
7	40	33	29	27	32	29	26
8	37	31	27	24	30	26	24
9	35	29	25	22	28	24	22
10	33	27	23	20	26	23	20

ITL TEST #42489 *LER=30.9 •AEC=\$7.77

* LER = Luminaire Efficiency Rating
 LER = Luminaire Effic. x Total Lamp Lumens x Ballast Factor
 Input Watts

FSS-13113 (2 Quad 26)



EFFICIENCY : 47.9%

CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	664	664	664	664	664
5	671	673	671	662	657
15	680	695	705	668	639
25	662	710	724	671	606
35	592	671	644	620	548
45	444	526	482	486	440
55	251	274	237	257	252
65	112	129	111	120	107
75	40	43	40	38	37
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	58	48	47	46
2	49	46	43	41	43	41	39
3	45	41	37	35	39	36	34
4	42	37	33	30	35	32	29
5	38	33	29	26	31	28	26
6	36	30	26	23	29	25	23
7	33	27	23	20	26	23	20
8	31	25	21	18	24	21	18
9	29	23	19	17	22	19	16
10	27	21	17	15	20	17	15

ITL TEST #41343 *LER=26.6 •AEC=\$9.03

• 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) min. start. Specify wattage, voltage and brand.
- 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 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.

Lenses and Trims

- 13 Vandal resistant tempered prismatic C#73 spread lens above 1/8" flat polycarbonate.
- 17 .187" prismatic high strength acrylic.
- 18 Opal flat glass diffuser.
- 20 White aluminum 1/2" cube egg-crate louver.
- 21 White flat poly diffuser.
- 40 White grooveless flare trim. (CP x 1.10)
- 45 Gasket between trim and housing.
- 46 Gasket between trim and lens.
- 94 Custom color/finish. Consult factory.
- 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. Specify. Use with -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.
- WB Bracket mount. Must add -89 for wet label.
- Other**
- 99 Special modification. Consult factory.
- FD Two additional in-line fuses. Use with -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.