

CATALOG #	TYPE	
JOB NAME	WATTAGE	VOLTAGE

10" x 10" 1 Triple 42 WATT MAXIMUM

FSS-10115

Streamlined Surface with Kirlin "K" Lens

Features

Lamp

- Designed for one 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 factor, 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. CFL friendly.
- Internally fused. Also see Option -FS.

Reflector

- GlasSurfaced™ multi-faceted beveled aluminum

Trim Assembly

- Shock-resisting UV absorbing trim made covered widespread Kirlin lenses. See Options for others.
- Rustfree polished nickel stainless door (304-L) and captive thumb screw. Concealed hinges for fast relamping.

- Attractively beveled cast aluminum frame tooled to ensure close fit with door. White acrylic finish.

Aluminum Housing

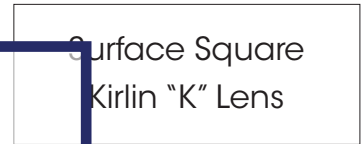
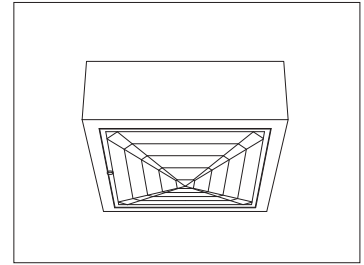
- Rigid, rustproof, with white enameled finish. Exceeds 1000 hour ASTM 5% salt spray test.
- No visible housing hardware.
- Cool operation: Extends component life.

Installation

- For trim mounting, no extra trim fit required. Extra trim hardware included.
- Collar for surface box mount (Option -30).
- Pendant or wall bracket mount available. (See Options -PM, -WB)
- Indoor or outdoor for covered ceilings.
- Wet, damp or dry locations, covered ceilings. (See Option -89)

Warranty

- Free Year Limited Warranty



THIS PRODUCT IS NO LONGER AVAILABLE

Selected Optional Trim:

- Tempered C#73 Lens
- Option -15

Selected Optional Mounts:

- Pendant Option -PM
- Wall Bracket Option -WB

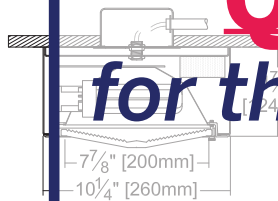
Performance at a Glance

Please consult

QUOTATIONS

for the best alternative.

FSS-10115

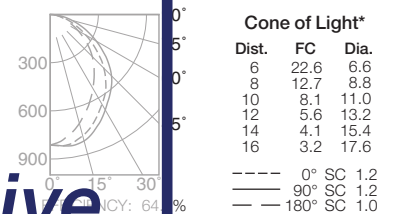


Cone of Light Key

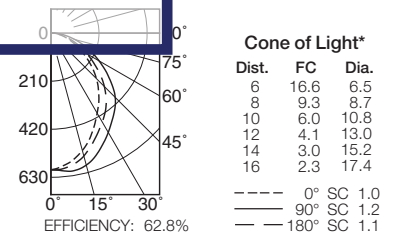
- Ft. Distance from fixture
- FC Footcandles at nadir (0°)
- Dia. Circle of light at 50% of FC

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

FSS-10115 (1 Triple 42W)



FSS-10115 (1 Triple 32W)



THE KIRLIN COMPANY

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RENAISSANCE SERIES
COMPACT FLUORESCENT LIGHTING

MAXIMUM WATTAGE

1 Triple 42

CATALOG NUMBER

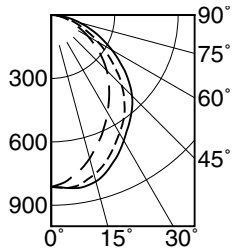
FSS-10115

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

Detailed Photometry - Installed Fixture

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

FSS-10115 (1 Triple 42)



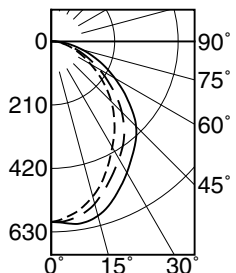
--- 0° SC 1.2
 — 90° SC 1.2
 - - 180° SC 1.0
 EFFICIENCY : 64.3%

CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	813	813	813	813	813
5	821	822	821	802	791
15	782	799	815	754	702
25	695	727	737	648	589
35	598	638	638	542	477
45	472	536	540	433	371
55	326	404	402	320	254
65	193	262	263	206	150
75	96	132	140	104	78
85	30	40	46	31	26
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION							
RF	20						
	80			50			
RC	70	50	30	10	50	30	10
RW	70	50	30	10	50	30	10
1	70	67	64	62	63	61	59
2	64	59	55	51	55	52	49
3	58	52	47	43	49	45	42
4	54	46	41	36	44	39	36
5	49	41	36	32	39	35	31
6	46	37	32	28	36	31	27
7	42	34	28	25	32	28	24
8	40	31	26	22	30	25	22
9	37	29	23	20	27	23	20
10	35	26	21	18	25	21	18

ITL TEST #45273 *LER=37.7 •AEC=\$6.36

FSS-10115 (1 Triple 32)



--- 0° SC 1.0
 — 90° SC 1.2
 - - 180° SC 1.1
 EFFICIENCY : 62.8%

CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	597	597	597	597	597
5	583	592	604	602	595
15	531	559	597	580	556
25	448	489	536	508	483
35	365	409	466	432	415
45	281	332	397	365	330
55	192	247	295	281	229
65	117	162	196	184	141
75	61	86	108	97	72
85	22	29	39	33	26
90	9	11	16	12	11

COEFFICIENTS OF UTILIZATION							
RF	20						
	80			50			
RC	70	50	30	10	50	30	10
RW	70	50	30	10	50	30	10
1	68	65	63	60	61	59	58
2	62	57	53	50	54	51	48
3	57	51	46	42	48	44	40
4	52	45	40	35	43	38	35
5	48	40	35	31	38	34	30
6	45	36	31	27	35	30	27
7	41	33	28	24	32	27	24
8	39	30	25	21	29	24	21
9	36	28	23	19	27	22	19
10	34	26	21	18	25	20	17

ITL TEST #42484 *LER=36.7 •AEC=\$6.55

* 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).

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

Lenses and Trims

- 13 Vandal resistant tempered prismatic C#73 spread lens above 1/8" flat polycarbonate.
- 14 Drop opal glass diffuser.
- 15 Prismatic C#73 tempered glass lens.
- 17 .187" prismatic high strength acrylic lens.
- 18 Opal flat glass diffuser.
- 20 White aluminum 1/2" cube egg-crate louver.
- 21 White flat polycarbonate diffuser.
- 26 Tamper-resistant button head recessed hex screw with center pin and 1 key / 10 fixtures.
- 45 Gasket between trim and housing.
- 46 Gasket between trim and lens.
- CF High temperature color filter. Specify color. Use with -13, -15, -17, -18, -21 only.
- DG Drop Guard with tempered C#73 glass lens.
- UV UV filter. Use with Options -13, -15, -17, -18, -21 only. 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 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.

SUBMITTAL DATA

APPROVAL STAMP

JOB NAME _____
 TYPE _____
 WATTAGE _____ VOLTAGE _____
 CATALOG NUMBER _____

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

LIMITED WARRANTY: CATALOGUED KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR THREE YEARS FROM DATE OF PURCHASE. INSTALLER 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 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, of the fixture without proof which shall not include the manufacturer's liability 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 approval from the manufacturer will render this warranty void.