

Regressed Lens for Triple Tube Amalgam Lamp

Features

Lamp

- Designed for:
 - 1 horizontal Triple Tube 32 watt: SS91081.
 - 2 horizontal Triple Tube 32 watt: SS91382.
- 4 pin GX24q-3 base.
- 90% lumen output maintained at ballast minimum operating temperature.
- Flicker-free starting, high light output, excellent color rendering (82 CRI).
- High efficiency with low operating costs.
- See Option -43 for lower wattage.

Ballast

- Regulating electronic high power factor, thermally protected, enclosed. -10°C (13°F) rated. THD is less than 10%.
- Single circuit wiring (SS91382). Optional two-circuit wiring. (See Option -84).
- Built-in RFI filter.
- Single circuit wiring. Optional two-circuit wiring for SS91382. (See Option -84).
- 120 volt standard or see optional voltages.
- Dimming optional. (See Option -39).

Fuse

- Available as Option -FS (single) or -FD (double - SS91382 only).

Reflector

- GlassSurfaced™ multi-faceted specular aluminum.

Trim Assembly

- Tapered black OptiGroove with white flange. Self-flanged trim.
- Regressed prismatic, tempered low brightness C#73 spread distribution lens.
- White grooveless flare trim or eggcrate louver available. See Options.
- Acrylic or fresnel lens; anopal or polycarbonate available. See Options.

Housing

- Tempered, rigid, rustproof aluminum: Exceeds 1000 hour ASTM 5% salt spray test.

- Cool: Dissipates heat across entire surface area.
- No visible housing hardware.
- White acrylic enameled finish is standard.

Installation

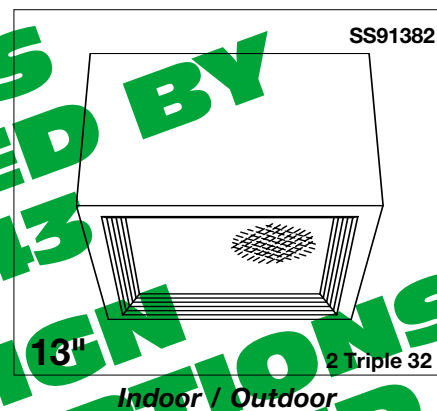
- Center point mounting with snug fit to ceiling.
- Indoor or outdoor for covered ceiling use. (See Option -89).
- Mounting beneath surface outlet box available. (See Option -80).

UL, C-UL (Canada) Listings

- Wet, damp or dry locations, covered ceilings.

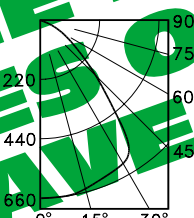
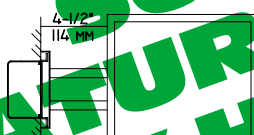
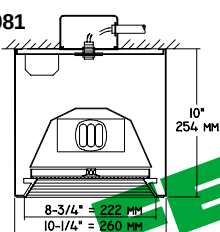
Three Year Limited Warranty

- Complete standard fixture.



Performance at a Glance

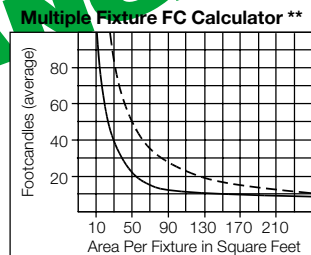
SS91081



Cone of Light*

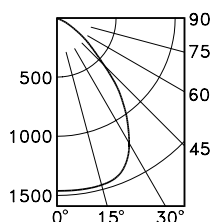
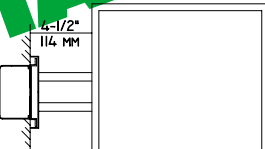
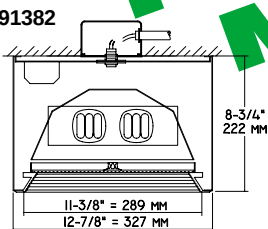
Ft.	FC	Dia.
6	40.8	6.7
8	22.9	8.9
10	14.7	11.2
12	10.2	13.4
14	7.5	15.6
16	5.7	17.9

SS91081



SS91081 — SS91382 — — —

SS91382



Cone of Light*

Ft.	FC	Dia.
6	40.8	6.7
8	22.9	8.9
10	14.7	11.2
12	10.2	13.4
14	7.5	15.6
16	5.7	17.9

SS91382

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.
** Based on RCR2; ceiling 70%; wall 50%; floor 20%. Use S/MH shown for each fixture. Distribution curves and S/MH data shown are 90° to lamp axis.

THE KIRLIN COMPANY

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(313) 259-6400 • Fax: (313) 259-9409 OR (313) 259-3121

CENTURY SERIES
ARCHITECTURAL
COMPACT FLUORESCENT LIGHTING

MAXIMUM WATTAGE

1 Triple 32
2 Triple 32

CATALOG NUMBERS

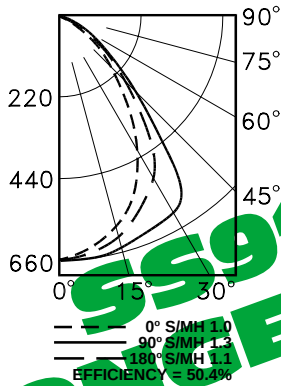
SS91081
SS91382

THE KIRLIN COMPANY RESERVES THE RIGHT TO CHANGE, WITHOUT NOTICE, DETAILS OR SPECIFICATIONS IN PRODUCT DESIGN.

Detailed Photometry - Installed Fixture

FROM I.T.L. (BOULDER, CO) SS91081: TEST NUMBER 42488
SS91382: TEST NUMBER 42489

SS91081

*LER = 31.2
•AEC = \$7.70

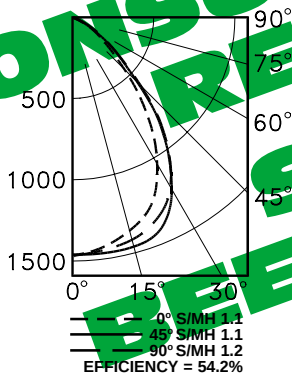
CANDLEPOWER DISTRIBUTION

	0.0	45.0	90.0	135.0	180.0
0	658	658	658	658	658
5	652	654	659	658	656
15	598	629	646	647	619
25	489	561	616	603	544
35	357	453	550	522	439
45	190	270	301	320	253
55	84	123	136	149	113
65	42	52	52	62	56
75	13	16	20	19	19
85	1	0	0	0	0
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION

RF	20					
	80			50		
1	70	50	30	51	51	49
2	56	55	53	47	47	43
3	52	49	47	44	42	38
4	49	44	41	39	39	33
5	45	40	37	34	36	30
6	42	37	33	30	32	27
7	39	34	30	27	29	24
8	37	31	27	24	26	22
9	34	28	25	22	24	20
10	32	26	23	20	22	18

SS91382

*LER = 33.5
•AEC = \$7.16

CANDLEPOWER DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0
0	1467	1467	1467	1467	1467
5	1456	1458	1464	1489	1472
15	1398	1404	1440	1470	1480
25	1201	1245	1329	1358	1348
35	878	941	1036	1046	1021
45	482	518	600	610	571
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		
1	70	50	30	55	55	53
2	56	53	50	48	50	46
3	52	48	44	42	46	41
4	49	43	40	37	42	36
5	45	40	36	33	38	32
6	42	36	32	29	35	29
7	40	33	29	27	32	26
8	37	31	27	24	30	24
9	35	29	25	22	28	22
10	33	27	23	20	26	20

Options

- 13 Clear 1/8" flat polycarbonate below, with tempered prismatic flat C#73 lens above.
- 17 Prismatic 3/16" high strength acrylic instead.
- 18 Anopal flat glass. Not enameled. Diffusing.
- 20 White 1/2" cube eggcrate aluminum louver.
- 21 White translucent flat polycarbonate instead.
- 35 Silver enameled housing finish.
- 36 Gold enameled housing finish.
- 37 Dark Bronze enameled housing finish.
- 38 Black enameled housing finish.
- 39 Installed 32 watt electronic dimming ballast. Consult factory for 18 or 26 watt or for quantity and type required. Also see Options -LE and -WD.
- 40 White grooveless flare trim with regressed tempered C#73 or specify optional lens.
- 43 Lower wattage triple tube: Specify 1-18 or 1-26 watt (SS91081); 2-18 or 2-26 watt (SS91382).

- 45 Gasket between trim and housing.
- 46 Gasket between trim and lens.
- 58 277 volt 60 Hz. ballast instead.
- 73 Internal emergency "Ni-Cad" battery pack concealed in housing (SS91382). Controls one lamp. Switch and visible light located above lens. For indoor use.
- 74 Two lamp internal emergency "Ni-Cad" battery pack concealed in housing for 18, 26 or 32 watt (SS91382). Switch and visible light located above lens. For indoor use.
- 75 Remote emergency "Ni-Cad" battery pack. Controls one lamp. Four feet of flex provided for maximum mounting distance. For indoor use.
- 80 2" extension collar for mounting beneath surface outlet box. Finish matches housing color.
- 84 Fixture wired for 2 circuits (SS91382 only). See -FD.
- 87 Custom -PM length. Specify up to 5 feet or consult factory. Use with Option -PM.
- 88 Swivel canopy for sloped ceilings up to 45°. Earthquake rated. Use with Option -PM.
- 89 Weather Cap - required when luminaire is installed

- without covered ceiling protection.
- 94 Custom color. Specify part(s). Consult factory.
- 97 Other voltage ballast. Consult factory.
- 98 347 volt 60 Hz. ballast instead. CF for dimming.
- 99 Special modification. Consult factory.
- CW Cold weather electronic HPF ballast. -18°C to -20°C (0°F to -5°F).
- FD Double Fused primary (SS91382 only). One per ballast. Replaceable. For use with Option -84.
- FR Fresnel tempered lens instead. Concentric prisms.
- FS Fused primary. One per fixture. Aids servicing.
- LE With 4-pin electronic Triple Tube amalgam lamp. 82 CRI and 10,000 hour life. 3500°K or consult factory for 2700°K, 3000°K, 4100°K. Specify wattage and color temperature.
- PM Pendant mount instead. 3/8" T.S. (1/2" T.S. with 75) x 8" standard. Also see -87 and -88.
- WB Wall bracket mount instead. Also see -89.
- WD Wall Dimmer for use with Option -39. Consult factory for 18 or 26 watt.

SUBMITTAL DATA

APPROVAL STAMP

JOB NAME _____

TYPE _____

WATTAGE _____ VOLTAGE _____

CATALOG NUMBER _____

LIMITED WARRANTY: CATALOGED KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR THREE YEARS FROM DATE OF PURCHASE. INSTALLATION, ETC., IN NORMAL USE. Manufacturer at this 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 for the buyer's place of use only. Other warranties, expressed or implied, shall not 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 this 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)