

Shallow Surface Regressed Lens

Features

Lamp

- Designed for:
 - 2 horizontal Twin Tube 13 watt: SS91079.
 - 2 horizontal Quad 26 watt: SS91380.
- 2 pin GX23 base: SS91079.
- 2 pin G24d-3 base: SS91380.
- See Option -43 for lower wattage.

Ballast

- Thermally protected, encased and potted standard.
- High power factor standard.
- Single circuit wiring. Optional two-circuit wiring. (See Option -84)
- 120 volt standard or see optional voltages.
- Dimming optional for SS91380. (See Option -39)
- Electronic optional for SS91380. (See Option -96)

Fuse

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

Reflector

- Highly specular 94% reflectivity full-size aluminum.

Trim Assembly

- Tapered black OptiGroove with white flange. Self-flanged trim.

- Regressed prismatic, tempered low brightness C#73 spread distribution lens.
- White grooveless flange trim or eggcrate louver available. See Options.
- Acrylic or fresnel lens, anacpl 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

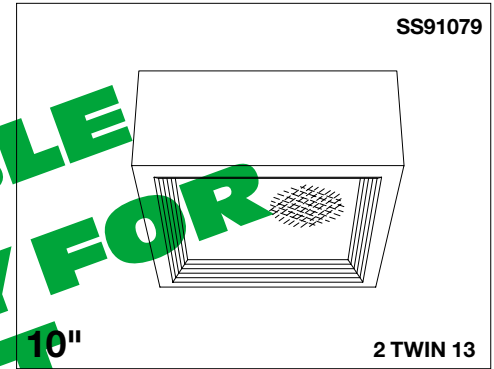
- Center point mounting with snug fit to ceiling.
- Indoor or outdoor for covered ceiling use. (See Option -89)
- Mounting beneath surface outlet box available. (See Option -80)

UL, C-UL (Canada) Listings

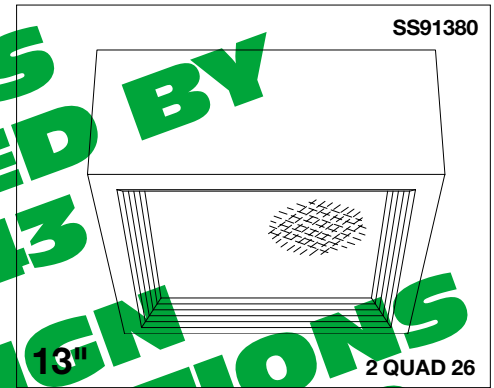
- Wet, damp or dry locations, covered ceilings.

Three Year Limited Warranty

- Complete standard fixture.



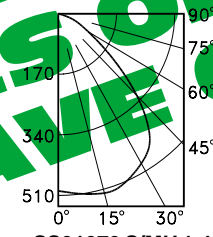
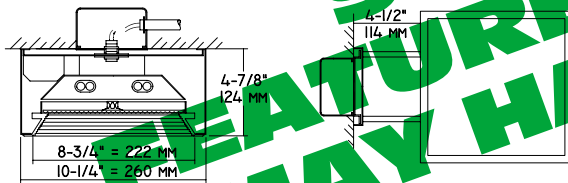
63% Efficiency



Dimming / Electronic Optional

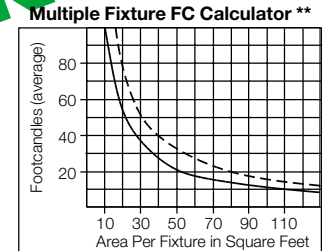
Performance at a Glance

SS91079

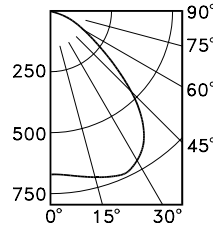
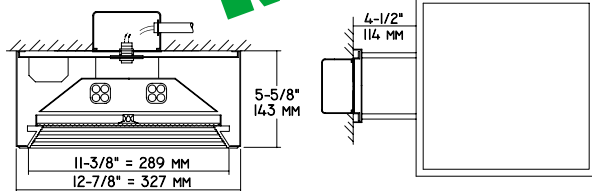


Cone of Light*

Ft.	FC	Dia.
6	13.9	7.4
8	7.8	9.9
10	5.0	12.4
12	3.5	14.9
14	2.6	17.3
16	2.0	19.8



SS91380



Cone of Light*

Ft.	FC	Dia.
6	18.4	8.1
8	10.4	10.8
10	6.6	13.4
12	4.6	16.1
14	3.4	18.8
16	2.6	21.5

SS91079 — SS91380 - - -

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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CENTURY SERIES
ARCHITECTURAL
COMPACT FLUORESCENT LIGHTING

MAXIMUM WATTAGE
2 Twin 13
2 Quad 26

CATALOG NUMBERS
SS91079
SS91380

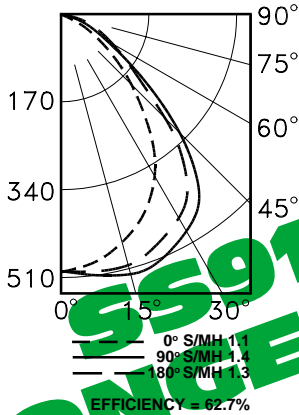
THE KIRLIN COMPANY RESERVES THE RIGHT TO CHANGE, WITHOUT NOTICE, DETAILS OR SPECIFICATIONS IN PRODUCT DESIGN.

Detailed Photometry - Installed Fixture

FROM I.T.L. (BOULDER, CO) SS91079: TEST NUMBER 41342
SS91380: TEST NUMBER 41343

SS91079

*LER = 25.5
•AEC = \$9.40



CANDLEPOWER DISTRIBUTION

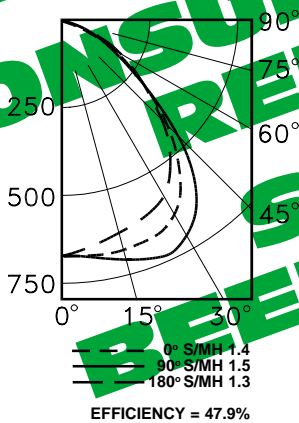
	0.0	45.0	90.0	135.0	180.0
0	501	501	501	501	501
5	495	496	504	505	505
15	462	490	521	519	501
25	406	456	502	510	479
35	325	387	457	463	430
45	204	277	341	357	322
55	90	137	155	190	151
65	38	53	62	77	75
75	10	14	22	25	25
85	0	0	0	0	0
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION

RF	20						
	70	50	30	10	50	30	10
1	70	65	65	63	63	62	60
2	65	60	57	54	57	54	52
3	60	54	50	46	51	48	45
4	55	49	44	40	46	43	40
5	51	44	39	36	42	38	35
6	48	40	35	31	38	34	31
7	44	37	32	28	35	31	28
8	41	34	29	25	32	28	25
9	39	31	26	23	30	26	23
10	36	29	24	21	28	24	21

SS91380

*LER = 24.8
•AEC = \$9.67



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	287	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						
	70	50	30	10	50	30	10
1	53	51	50	48	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	28	23	19	17	22	19	16
10	27	21	17	15	20	17	15

* 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 2000 hours use @ \$0.08 KWH).

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 Anoplat flat glass. Not enameled. Diffusing.
- 20 White 1/2" cube eggcrate aluminum lower.
- 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 Quad electronic dimming ballast for SS91380 only. Consult factory for quantity and type required. See Options -LE and -WD.
- 40 White grooveless flare trim with regressed tempered C#73 or specify optional lens.
- 43 Lower wattage: Specify 2TT9 (SS91079); 2Q18 or 2TT13 (SS91380).
- 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 (SS91380 only). Controls one lamp. Switch and visible light located above lens. Indoor use.
- 74 Internal 2 lamp emergency "Ni-Cad" battery pack for use with 4-pin electronic lamps only (SS91380). Use with Option -96.
- 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 two circuits. See -FD and -RD.
- 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.
- 96 Regulating electronic HPF 0°F single circuit Quad ballast (SS91380). See -74, -84 and -LE.
- 97 Other voltage ballast. Consult factory.
- 98 347 volt 60 Hz. ballast instead. Consult factory for dimming.
- 99 Special modification. Consult factory.
- FD Double Fused primary. Replaceable. Use with -84.
- FR Fresnel tempered lens instead. Concentric prisms.
- FS Fused primary. Replaceable. Aids servicing.
- LE With 4-pin electronic lamps for use with Options -39, -74 or -96 (SS91380 only). 2700°K or consult factory. Specify wattage and color temperature.
- LP With lamps. 2700°K or consult factory. Specify wattage and color temperature. Also see -LE.
- PM Pendant mount instead. 3/8" T.S. (1/2" T.S. with -75) x 8" standard. Also see -87 and -88.
- RD Double radio interference filter. For use with -84.
- RF Radio interference filter. Eliminates feedback.
- WB Wall bracket mount instead. Also see -89.
- WD Wall Dimmer for use with Option -39 (SS91380).

SUBMITTAL DATA

APPROVAL STAMP

JOB NAME _____

TYPE _____

WATTAGE _____ VOLTAGE _____

CATALOG NUMBER _____

LIMITED WARRANTY: CATALOGUED KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR THREE YEARS FROM DATE OF PURCHASE. INSTALLATION, ETC., IS 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 the year 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 on the understanding that all other warranties expressed or implied, shall not be construed as to be merged into or superseded by this warranty.

BEEN REPLACED BY SS91380 HAS BEEN DESIGNED FOR SOME DESIGN OR OPTIO...
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