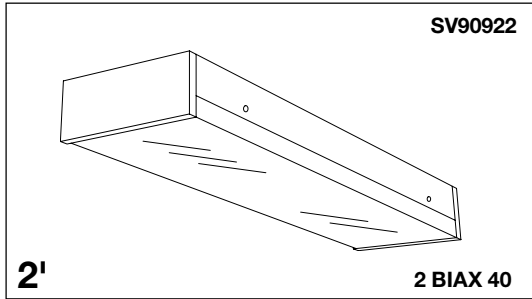


Medium Security: For Schools, Parking Garages, Prisons



62% Efficiency



55% Efficiency

Available for 2-32 or 3-32 Watt T-8 (See Options -43 and -99)

Features

Lamps

- Designed for:
SV90922: 2 horizontal BIAx 40 watt.
SV90923: 4 horizontal BIAx 40 watt.
- See Option -43 for lower wattage.

Ballast

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

Fuse

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

Reflector

- Full-size formed reflector with white polyester enamel finish. Minimum 85% reflectivity.
- Removable for servicing.

Lens

- Wraparound style. Full-size .187" thick polycarbonate prismatic standard. Prisms inside for easier cleaning.
- Retained by four button head tamper-proof screws (2 per side).
- Edges and ends contained completely within full-length track and welded end plates.

Housing

- 16 gauge cold rolled steel.
- White polyester enamel finish.
- Projection weld screws provide no protrusions from top surface. Fixture bolts tightly to ceiling.

- Recommended for prisons, detention areas, psychiatric facilities - any area of high vandalism.
- Rustproof: Exceeds 1000 hour ASTM 5% salt spray test.

Installation

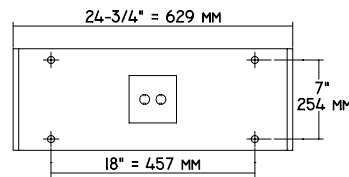
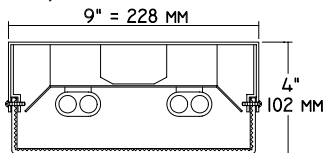
- Installs indoor or outdoor on all ceilings, covered locations.
- Access hole is 7/8" diameter with 1/2" diameter mounting holes.
- Secure with 3/8" lag or molly bolts to ceiling support structure.
- Tamper-proof tools included, minimum one per ten fixtures.

UL, C-UL (Canada) Listings

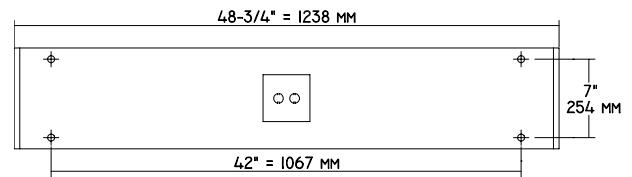
- Wet, damp or dry locations, covered ceilings.
- Three Year Limited Warranty**
- Complete standard fixture.

Performance at a Glance

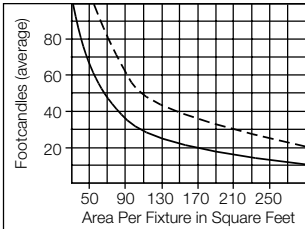
SV90922, SV90923



SV90923

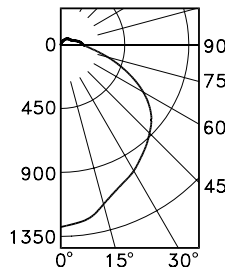


Multiple Fixture FC Calculator **



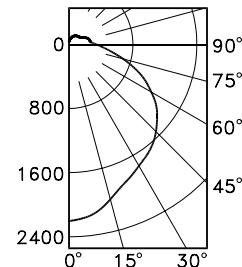
** Based on:
RCR=2;
ceiling 70%;
wall 50%;
floor 20%.

Use S/MH shown for each fixture.



SV90922 S/MH 1.2

Distribution curves and S/MH data shown are 90° to lamp axis.



SV90923 S/MH 1.2

THE KIRLIN COMPANY

3401 EAST JEFFERSON AVENUE • DETROIT, MICHIGAN 48207-4232
(313) 259-6400 • Fax: (313) 259-9409 OR (313) 259-3121

**CENTURY SERIES
VANDAL RESISTANT
COMPACT FLUORESCENT LIGHTING**

MAXIMUM WATTAGE

**2 Biax 40
4 Biax 40**

CATALOG NUMBERS

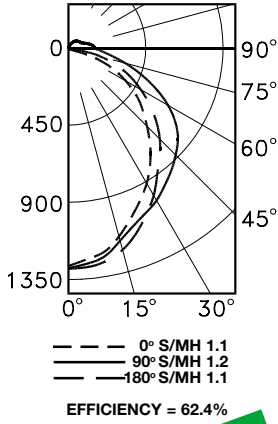
**SV90922
SV90923**

Detailed Photometry - Installed Fixture

FROM I.T.L. (BOULDER, CO) SV90922: TEST NUMBER 41112
SV90923: TEST NUMBER 41111

SV90922

*LER = 45.5
•AEC = \$5.27



CANDLEPOWER DISTRIBUTION

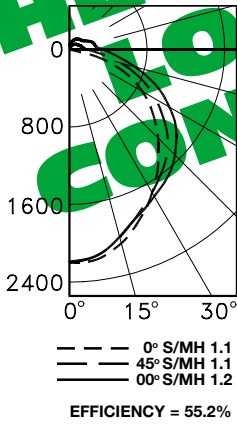
	0.0	45.0	90.0	135.0	180.0
0	1295	1295	1295	1295	1295
10	1222	1248	1251	1269	1268
30	907	987	1032	1000	974
50	588	736	831	762	638
70	228	365	465	403	284
90	0	80	163	81	2
110	0	55	94	60	0
130	0	41	71	42	0
150	0	21	39	23	0
170	0	2	6	2	0
180	0	0	0	0	0

COEFFICIENTS OF UTILIZATION

RF	20							
	80			50				
	RW	70	50	30	10	50	30	10
1	66	63	60	58	58	56	54	
2	60	55	50	46	50	47	44	
3	55	48	43	38	44	40	36	
4	50	42	37	32	39	34	31	
5	46	38	32	28	35	30	27	
6	42	34	28	24	31	27	23	
7	39	31	25	21	29	24	21	
8	36	28	23	19	26	22	18	
9	34	26	20	17	24	20	16	
10	32	24	19	15	22	18	15	

SV90923

*LER = 40.3
•AEC = \$5.96



CANDLEPOWER DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0
0	2244	2244	2244	2244	2244
10	2178	2186	2181	2166	2156
30	1666	1699	1727	1778	1782
50	1108	1190	1317	1414	1434
70	486	589	696	802	810
90	2	67	149	234	288
110	2	45	109	153	171
130	5	30	75	109	125
150	5	13	39	59	70
170	5	5	6	8	11
180	5	5	5	5	5

COEFFICIENTS OF UTILIZATION

RF	20							
	80			50				
	RW	70	50	30	10	50	30	10
1	59	56	53	51	51	49	47	
2	53	48	44	41	44	41	39	
3	48	42	37	34	39	35	32	
4	44	37	32	28	34	30	27	
5	40	33	28	24	31	26	23	
6	37	30	25	21	28	23	20	
7	34	27	22	19	25	21	18	
8	32	25	20	17	23	19	16	
9	30	22	18	15	21	17	14	
10	28	21	16	13	19	16	13	

Options

- 39 Installed electronic dimming ballast. Biax 40, F17 T-8 or F20 (SV90922). Biax 40, F32 T-8 or F40 (SV90923). Consult factory for quantity and type required. Also see -WD.
- 43 Lower Wattage: Specify 2-17W T-8 or 2 F20 (SV90922); 2-32W T-8 or 2 F40 (SV90923).
- 48 Night light socket and ballast for 7 watt fluorescent lamp.
- 58 277 volt 60 Hz. ballast instead.
- 73 Internal emergency "Ni-Cad" battery pack concealed in housing. Switch and light unobtrusively located inside reflector. For

- indoor use. Consult factory for use with -96 electronic ballast. Not available for -39.
- 74 Internal 2 lamp emergency "Ni-Cad" battery pack for use with 4-pin electronic lamps only. Use with Option -96. Indoor use.
- 84 Fixture wired for two circuits. See Options -FD and -RD.
- 94 Custom color housing. Consult factory.
- 96 Regulating electronic high power factor single circuit ballast instead. Biax 40, F17 T-8 or F20 (SV909202); Biax 40, F32 T-8 or F40 (SV90923).
- 97 Other voltage ballast. Consult factory.
- 98 347 volt 60 Hz. ballast instead. Consult factory

- for dimming.
- 99 SV90923 for 3-32W T-8; specify. OR Special modification. Consult factory.
- FS Fused primary. One per fixture. Replaceable. Aids servicing.
- FD Double Fused primary. One per circuit. Replaceable. For use with Option -84.
- LP With lamps. 3000°K or consult factory. Specify wattage and color temperature.
- RF Radio interference filter. One per fixture. Eliminates line feedback.
- RD Double radio interference filter. For use with Option -84.
- WD Wall Dimmer for use with Option -39.

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, 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 the 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. This warranty is supplied for the fixture in place of all other warranties, expressed or implied. Seller does not warrant as to merchantability or fitness for a particular use, nor will any oral statement constitute a warranty or amend this specific warranty. Abandon 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.

THESE FIXTURES ARE NO LONGER AVAILABLE FOR CONSISTENT PLACEMENTS