

Medium Security: For Schools, Parking Garages, Prisons

Features

Lamps

- Designed for 4 horizontal F40 watt.
- See Option -43 for lower wattage T-8 lamps.

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

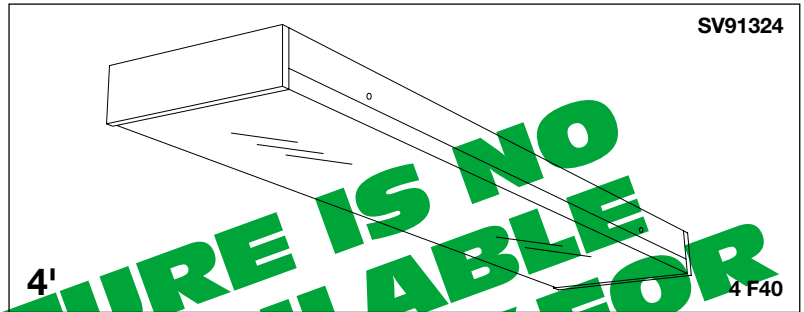
- Available as Option -FS (single) or -FD (double).

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).



THIS FIXTURE IS NO LONGER AVAILABLE FOR CONSULT-FACTORY REPLACEMENT

47% Efficiency
Available for 4-32 Watt T-8 (See Option -43)

- 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

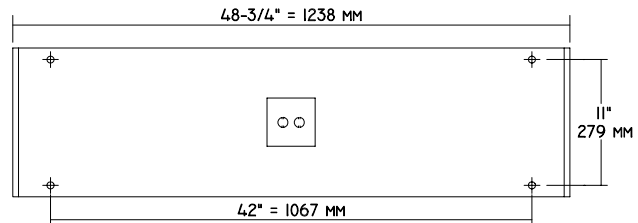
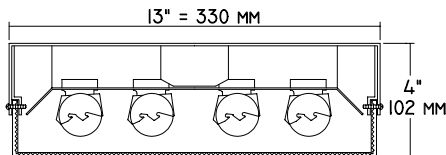
- Wet, damp or dry locations, covered ceilings.

Three Year Limited Warranty

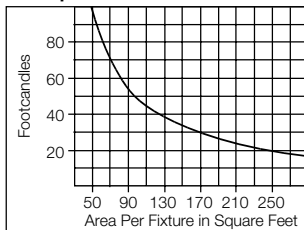
- Complete standard fixture.

Performance at a Glance

SV91324



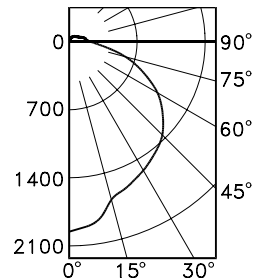
Multiple Fixture FC Calculator **



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

Use S/MH
shown for
each fixture.

SV91324 S/MH 1.2



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

THE KIRLIN COMPANY

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**CENTURY SERIES
VANDAL RESISTANT
COMPACT FLUORESCENT LIGHTING**

MAXIMUM WATTAGE

CATALOG NUMBER

4 F40

SV91324

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) TEST NUMBER 30954

CANDLEPOWER DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0
0	1925	1925	1925	1925	1925
10	1850	1855	1839	1829	1813
30	1463	1480	1511	1529	1529
50	1030	1077	1175	1218	1234
70	476	525	628	670	702
90	0	42	96	141	174
110	6	32	74	107	117
130	9	25	49	68	76
150	1	10	30	44	50
170	19	21	23	25	27
180	0	0	0	0	0

* LER = Luminaire Efficiency Rating
 LER = Luminaire Effic. x Total Lamp Lumens x Ballast Factor
 (per Watt)

SV91324

*LER = 34.3
 •AEC = \$6.99



--- 0° S/MH 1.1
 --- 90° S/MH 1.2
 EFFICIENCY = 47.1%

COSTS OF UTILIZATION

RW	80			50			
	70	50	30	10	50	30	10
1	51	48	46	44	44	43	42
2	46	42	39	36	39	36	34
3	42	37	33	30	34	31	29
4	38	33	29	26	30	27	25
5	35	29	25	22	27	23	21
6	32	26	22	19	24	21	18
7	30	23	19	16	22	18	16
8	27	21	17	14	19	16	13
9	25	19	15	12	17	14	12
10	23	17	13	11	16	13	10

• AEC = Annual Energy Cost per
 1000 lumens (based on 3000
 hours use @ \$0.08 KWH).

THIS FIXTURE IS NO LONGER AVAILABLE FOR REPLACEMENT CONSULT FACTORY

Options

- 39 Installed F40 or F32 T-8 electronic dimming ballast. Consult factory for quantity and type required. Also see -WD.
- 43 Lower Wattage: Specify 4-32 watt T-8.
- 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 indoor use with 4-pin electronic lamps only. Use with Option -96.
- 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. See Options -74, -84.
- 97 Other voltage ballast. Consult factory.
- 98 347 volt 60 Hz. ballast instead. Consult factory for dimming.
- 99 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. Specify color temperature.
- RF Radio interference filter. One per fixture. Eliminates line feedback.
- RD Double radio interference filter.
- WD Wall Dimmer for use with Option -39.

SUBMITTAL DATA

JOB NAME _____

TYPE _____

WATTAGE _____ VOLTAGE _____

CATALOG NUMBER _____

APPROVAL STAMP

LIMITED WARRANTY: CATALOGUED KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR THREE YEARS FROM DATE OF PURCHASE. INSTALLATION BY AN UNLICENSED PERSON IS NOT PERMITTED. THE PURCHASER'S PRESENTATION OF PROOF OF PURCHASE AND DEFECTIVE FIXTURE AT THE OFFICE OF THE MANUFACTURER WITHIN THREE YEARS OF ORIGINAL SHIPMENT, 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 AN "AS IS" BASIS AND DOES NOT COVER DEFECTS CAUSED BY IMPROPER INSTALLATION, REPAIR, OR MODIFICATION OF THE FIXTURE WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE MANUFACTURER. WILL FURNISH THE WARRANTY BOOK.