

Durable, Surface Mounted Protection from Vandalism

Features

Lamp

- Designed for: 100 watt coated E/ED17 horizontal or universal.
- See Option -43 for optional lower wattage.
- Option -23 for Mercury, Option -24 for HPS.

Socket

- Horizontal. Medium base. Pulse rated.
- Glazed porcelain.
- Nickel-plated brass screw shell. Silicone leads.

Reflector

- GlasSurfaced™ multi-faceted specular aluminum.
- Minimum 94% reflectivity.

Trim Assembly

- Injection-molded polycarbonate drop bisymmetric distribution lens. UV stabilized.
- Lens retained by permanent continuous lens clamps (tempered aluminum) with captive nuts and four flush center-pin tamper-proof screws.
- Drop asymmetric prismatic polycarbonate lens available. (See Option -41) Also see -27.

Ballast Assembly

- WhisperPack™ fully encapsulated 190°C rated HPF ballast.
- Premium Class H high reactance with 5:12 regulation.
- Capacitor and ignitor supplied.
- 120 volt standard or see optional voltages.

- Cool, quiet, long-life. Silicone leads.
- Visible and easily serviced in all ceilings.

Fuse

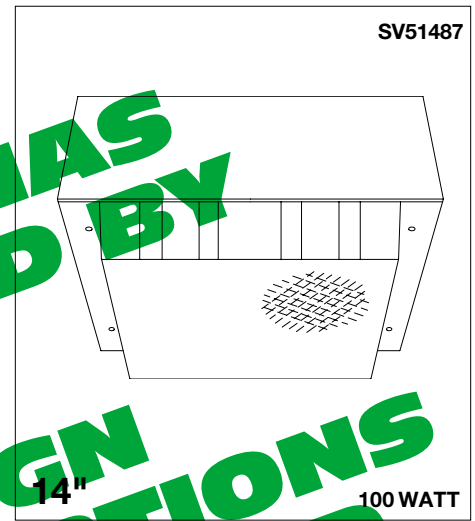
- Fused primary. Renewable. Aids servicing.

Housing

- Extra strong 6063-T6 tempered extruded aluminum.
- White polyester enamel finish standard. Also see optional finishes.
- Rustproof: Exceeds 1000 hour ASTM 5% salt spray test.
- Cool: Dissipates heat across entire surface area.

Installation

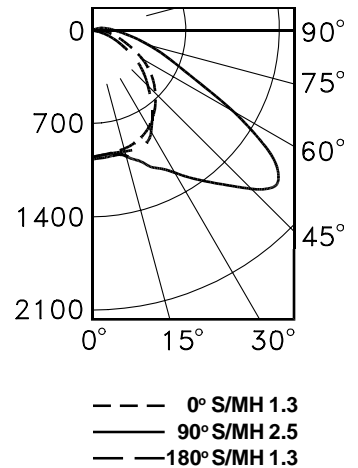
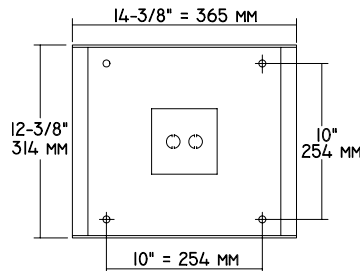
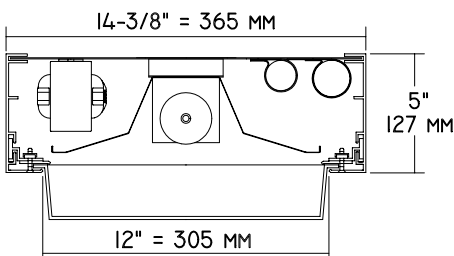
- Installs indoor or outdoor on all ceilings, covered locations.
 - Access hole is 7/8" diameter with 1/2" diameter mounting holes.
 - Tamper-proof tools included, minimum one per ten fixtures.
 - Kirlin universal mounting plate, nipple and lock nut provided.
 - Alternatively may be secured with 3/8" lag or molly bolts to ceiling support structure.
 - 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.



*For Indoor or Outdoor Use
HPS and Mercury Optional*

Performance at a Glance

SV51487



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

THE KIRLIN COMPANY

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

**HIGH EFFICIENCY
VANDAL RESISTANT
METAL HALIDE LIGHTING**

LAMP

MAXIMUM WATTAGE

CATALOG NUMBER

E/ED17

100

SV51487

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

Detailed Photometry - Installed Fixture

CANDLEPOWER DISTRIBUTION

	0.0	45.0	90.0	135.0	180.0
0	901	901	901	901	901
5	905	904	920	920	902
15	922	959	951	916	931
25	891	1032	1114	1001	919
35	770	1223	1367	1199	759
55	478	1198	1712	985	385
75	155	311	302	248	135
90	47	94	69	77	47
105	42	65	44	63	44
125	26	15	9	19	32
145	0	0	0	0	0



--- 0° S/MH 1.3
 — 90° S/MH 2.6
 ... 180° S/MH 1.3
 EFFICIENCY = 57.8%

COEFFICIENTS OF UTILIZATION

RF	RC	50	30	10	50	30	10
0	62	59	56	54	55	53	51
2	56	51	47	43	47	44	41
4	50	44	39	35	41	37	34
5	46	38	33	29	36	31	28
6	42	34	28	24	31	27	23
7	38	30	24	21	28	23	20
8	35	27	21	18	25	21	17
9	32	24	19	15	23	18	15
10	30	22	17	14	21	16	13
10	28	20	15	12	19	15	12

THIS FIXTURE HAS BEEN REPLACED BY HSV-12184 SAME DESIGN ORPTIONS MAY HAVE CHANGED

Options

- 23 Mercury ballast instead. 100ME standard or see Option -43. Specify voltage.
- 24 HPS ballast instead. 100ME standard or see Option -43. Specify voltage.
- 27 Clear 1/4" tempered glass beneath tempered prismatic C#73 flat glass lens (also vandal resistant).
- 35 Silver enameled housing finish instead.
- 36 Gold enameled housing finish instead.
- 37 Dark Bronze enameled housing finish instead.
- 38 Black enameled housing finish instead.
- 41 Drop asymmetric prismatic poly lens instead.
- 43 Lower wattage medium base - specify voltage and wattage for: Metal Halide: 70, 50; Mercury: 75, 50; HPS: 100, 70, 50, 35.
- 46 End gasketing between trim and lens.
- 49 Extra circuit DCB socket. (100 watt max.) Must not be energized simultaneously with main source.
- 58 277 volt 60 Hz. ballast instead.
- 65 Relay and DCB socket. (100 watt max.) With fixture energized, provides immediate light during HID outage. Also see Option -66.
- 66 Time delay relay and DCB socket. (100 watt max.) When energized, provides light until HID reaches 70% output.
- 77 Special "break-off" screw. One per fixture. Eliminates fixture access.
- 80 Extension collar with two 1/2" knockouts (180° apart) for mounting luminaire beneath surface outlet box.
- 94 Custom color housing finish. Consult factory.
- 97 Other voltage ballast. Consult factory.
- 98 347 volt 60 Hz. ballast instead. Consult factory.
- 99 Special modification. Consult factory.
- LP With lamp. Specify source, wattage, color temperature, and clear or coated (3200°K standard for MH). Consult factory for other color temperatures.
- LS With tungsten halogen standby lamp. (100 watt max.) Use only with Options -49, -65 or -66.

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. INSTALLED TO N.E.C., 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 or suffered by purchaser or any person. This warranty is supplied to the buyer 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. Abnormal use, abuse of the fixture, improper installation, or repair, or modification of the fixture without prior written authorization from the manufacturer will render the warranty void.