

Indoor and Outdoor: Entrance / Corridor / Soffit

Features

Lamp

- Designed for 70 watt coated E/ED-17 universal.
- See Option -43 for optional lower wattage.
- Option -23 for Mercury, Option -24 for HPS.

Socket

- Horizontal. Pulse rated medium base for 70 watt.
- Glazed porcelain.
- Nickel-plated brass screw shell. Silicone leads.

Reflector

- GlasSurfaced™ multi-faceted specular aluminum.

Trim Assembly

- UV absorbing tempered prismatic shock-resisting spread Kirlin lens.
- Rust-free polished nickel stainless door (304-L) and captive thumb screw. Slender with concealed hinges for fast relamping.
- Attractively beveled cast aluminum frame tooled to ensure close fit with door. White acrylic finish.
- UV absorbing tempered low brightness prismatic flat glass available (Option -15).
- Tamper-proof vandal resistant door screw available (Option -26).

Ballast Assembly

- WhisperPack™ fully encapsulated 180°C rated HPF ballast.
- Premium Class H high reactance with 5:7 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 including dry wall.

Fuse

- Fused primary. Renewable. Aids servicing.

Housing

- Acrylic enameled aluminum.
- Cool: Dissipates heat across entire surface area.
- Rustproof: Exceeds 1000 hour ASTM 5% salt spray test.
- Entire luminaire serviced through removable trim assembly.

Outlet box

- Prewired 14 GA (NEC) galvanized steel, UL listed.
- Removable insulated cover.
- 1/2" and 3/4" knockouts.

Installation

- 27" galvanized channel bar hanger supplied (2).
- Fully adjustable universal mounting brackets supplied (2).
- Recesses indoor or outdoor in covered locations.

UL Listing

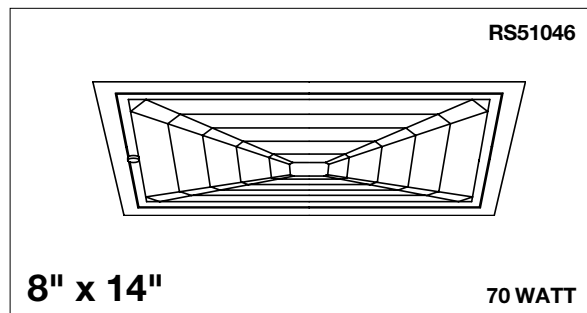
- Wet, damp or dry locations, covered ceilings.
- Through-branch circuit conductors (6 #12).

Three Year Limited Warranty

- Complete standard fixture

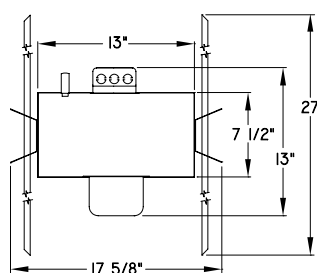
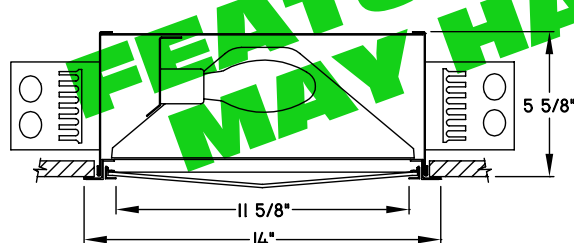
Thermal Protection

- Per current NEC.



Performance at a Glance

RS51046



Cone of Light*

Ft.	FC	Dia.
6	36.0	6.0
8	20.3	8.0
10	13.0	10.0
12	9.0	12.0
14	6.6	14.1
16	5.1	16.1

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Cone of Light Key

- Ft. Mounting height
- FC Footcandles
- Dia. Circle of light at 50% of FC

* Dia. (in ft.) shown is where FC value is half the FC at nadir.

THE KIRLIN COMPANY

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

LAMP

WATTAGE

CATALOG NUMBER

**HIGH EFFICIENCY
METAL HALIDE LIGHTING**

E/ED-17

70

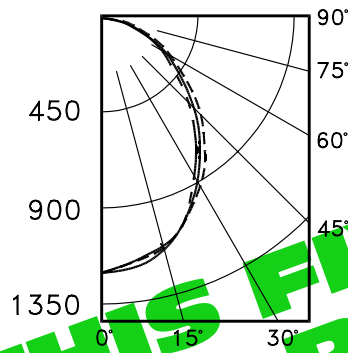
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THE KIRLIN COMPANY RESERVES THE RIGHT TO CHANGE, WITHOUT NOTICE, DETAILS OR SPECIFICATIONS IN PRODUCT DESIGN.

Detailed Photometry - Installed Fixture

CANDLEPOWER DISTRIBUTION

	0.0	45.0	90.0	135.0	180.0
0	1297	1297	1297	1297	1297
5	1294	1285	1279	1284	1285
15	1203	1186	1161	1163	1175
25	1041	1031	1001	965	979
35	846	855	850	771	759
45	640	662	675	569	554
55	450	464	485	413	385
65	287	289	320	257	242
75	151	149	182	132	121
85	51	52	77	46	36
90	19	23	38	20	9



COEFFICIENTS OF UTILIZATION

REF.	70	50	30	10	50	30	10
1	61	59	56	54	55	53	52
2	56	52	48	45	48	46	43
3	51	46	41	38	43	40	37
4	47	41	36	32	39	35	32
5	44	37	32	28	35	31	28
6	40	33	28	25	32	28	25
7	38	30	26	22	29	25	22
8	35	28	23	20	27	23	20
9	33	26	21	18	25	21	18
10	31	24	19	17	23	19	16

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

Options

- 15 UV absorbing tempered low brightness prismatic flat glass instead.
- 23 Mercury ballast instead. 70ME standard or see Option -43. Specify voltage.
- 24 HPS ballast instead. 70ME standard or see Option -43. Specify voltage.
- 26 Tamper-proof recessed hex, center pin, button door screw with key. One key provided/ten fixtures. See also -27.
- 27 Clear 1/4" tempered glass beneath prismatic flat lens, for vandal resistance. Also see Option -26.
- 29 White Son ballast instead. For ED-17 medium base lamp. 50 watt standard in 120 volt only.

- 35 Consult factory for 277 volt.
- 36 Silver enameled frame finish instead.
- 37 Gold enameled frame finish instead.
- 38 Bronze enameled frame finish instead.
- 38 Black enameled frame finish instead.
- 43 Lower wattage medium base - specify voltage and wattage for: Metal Halide: 50; Mercury: 50; HPS: 50, 35.
- 45 Gasket above trim flange (between trim and ceiling).
- 46 Gasket between trim and lens.
- 47 Galvanized steel plaster frame for wet plaster ceiling.
- 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.
- 94 Custom color frame. Consult factory.
- 97 Other voltage ballasts. 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

JOB NAME _____

TYPE _____

WATTAGE _____ VOLTAGE _____

CATALOG NUMBER _____

APPROVAL STAMP