

REGRESSED LENS: SOFFIT / CORRIDOR

Features

Lamp

- 100 watt clear E/ED-17.
- See Option -43 for optional lower wattage.
- Option -23 for Mercury, Option -24 for HPS.

Socket

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

Reflector

- Specular Alzak® aluminum.

Trim Assembly

- Seamless tapered black OptiGroove with white flange.
- Self-flanged trim.
- UV absorbing tempered low brightness prismatic glass.
- Torsion springs retain snug fit to ceiling.

Ballast Assembly

- WhisperPack™ fully encapsulated 180°C rated HPF ballast.
- Premium Class H high reactance, 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 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 spraytest.
- Entire luminaire serviced through removable trim assembly.
- Built-in plaster frame.

Outlet Box

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

Installation

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

UL Listing

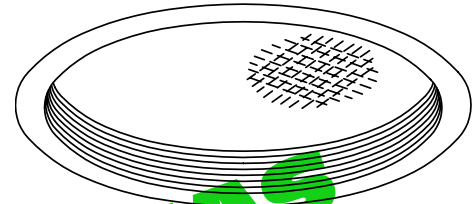
- Wet, damp or dry locations, covered ceilings.
- Through-branch circuit conductors (6 #12).

Three Year Limited Warranty

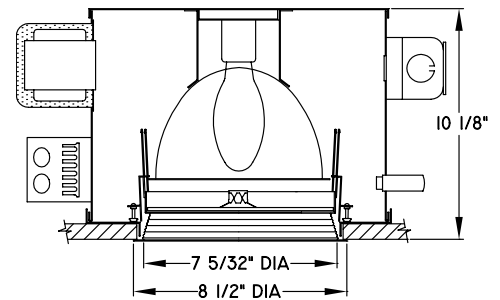
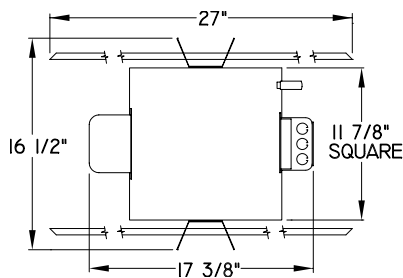
- Complete standard fixture.

Thermal Protection

- Per current NEC.



APPROVAL STAMP



THE KIRLIN COMPANY

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

**HIGH EFFICIENCY
METAL HALIDE LIGHTING**

LAMP
E/ED-17

WATTAGE
100

RR50820

Cones of Light

Cone of Light Key

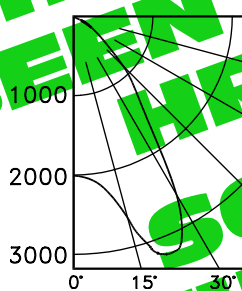
Ft. Distance to surface from fixture (mounting height)

FC. Footcandles

DIA. Diameter (in feet) of the circle of light when FC value is half the FC at nadir.

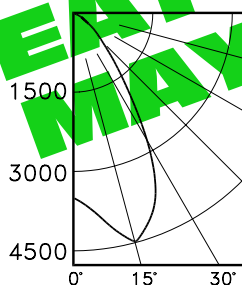
MODEL POWER DISTRIBUTION

S/MH 1.3
EFF. = 57.5%



	0.0	22.5	45.0	67.5	90.0
	2004	2004	2004	2004	2004
	2059	2059	2059	2059	2059
15	2712	2712	2712	2712	2712
25	3134	3134	3134	3134	3134
35	2039	2039	2039	2039	2039
45	924	924	924	324	924
	375	375	375	375	375
55	121	121	121	121	121
75	19	19	19	19	19
	2	2	2	2	2
	0	0	0	0	0

S/MH 1.0
EFF. = 64.9%



	0.0	22.5	45.0	67.5	90.0
5	3548	3548	3548	3548	3548
15	3753	3753	3753	3753	3753
25	4521	4521	4521	4521	4521
35	3802	3802	3802	3802	3802
45	1887	1887	1887	1887	1887
55	723	723	723	723	723
65	303	303	303	303	303
75	107	107	107	107	107
85	16	16	16	16	16
90	0	0	0	0	0

COEFFICIENTS OF UTILIZATION

RF	20							
RC	7	30	0	50	20	50	20	
1	65	63	61	59	59	58	57	
2	60	57	54	52	54	52	50	
3	56	52	48	46	50	47	45	
4	53	47	44	41	45	42	50	
5	49	43	39	36	42	38	36	
6	46	40	36	33	38	35	32	
7	43	37	33	30	35	32	29	
8	40	34	30	27	33	29	27	
9	38	31	27	25	31	27	25	
10	36	29	25	23	28	25	23	

RF	20						
RC	80				50		
RW	70	50	30	10	50	30	10
1	73	71	69	68	67	66	65
2	69	65	63	60	62	60	58
3	65	60	57	54	58	55	52
4	61	56	52	49	53	50	48
5	58	52	47	44	50	48	44
6	54	48	43	40	46	43	40
7	51	45	40	37	43	39	37
8	48	42	37	34	40	37	34
9	46	39	35	32	38	34	32
10	43	37	32	30	36	32	29

- 23 Mercury ballast instead. 100ME standard or see Option -43. Specify voltage.
- 24 HPS ballast instead. 100ME standard or see Option -43. Specify voltage.
- 29 White Son ballast instead. For ED-17 medium base lamp. 100 watt standard in 120 volt only. Consult factory for 277 volt.
- 40 White grooveless flare trim assembly instead.
- 43 Lower wattage medium base specify voltage and wattage for: Metal Halide:

- 70, 50, 32; Mercury:75, 50; HPS: 70, 50, 35; White Son: 50.
- 45 Gasket above trim flange (between trim and housing).
- 46 Gasket 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.

- 82 Sloped ceiling adapter, white. Specify 5°, 10°, 15°, 20°, 25°, 30° slope. Mounting hardware included.
- 94 Custom color trim assembly . Consult factory.
- 97 Other voltage ballasts. Consult factory.
- 99 Special modification. Consult factory.
- FR Fresnel tempered lens instead. Concentric prisms.
- 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.

LIMITED WARRANTY: CATALOGED 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 his option will replace or repair such fixture or refund the purchase price on presentation of proof of malfunction and defective fixture at the offices of manufacturer within three years of original shipment of fixture to the buyer. 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's sole warranty as to merchantability or fitness for a particular use, nor will any oral statement constitute a warranty or amend this specific warranty. Abuse of the fixture, improper installation, or repair, without indication of the fixture without prior written authorization from the manufacturer will render the warranty void.

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WATTAGE

LAMP

100

E/ED-17

HIGH EFFICIENCY METAL HALIDE LIGHTING