

ELLIPSOIDAL DOWNLIGHT: HIGH EFFICIENCY

Features

Lamp

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

Socket

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

Reflectors

- Upper: Compound ellipsoidal specular Alzak® aluminum.
- Lower: Low brightness parabolic specular Alzak aluminum, self-flanged.

Lens

- UV absorbing tempered Industrix mounted to upper reflector.
- Optional UV absorbing tempered prismatic glass (Option -15).

Ballast Assembly

- Whisper Pack™ fully encapsulated 180°C rated HPF ballast.
- Premium Class H high reactance, CWA 10:10 regulation.
- Capacitor 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 reflector.
- 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

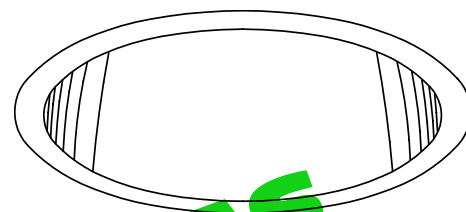
- Wet, damp or dry locations, covered ceilings.
- Through-branch circuit conductors (6#12).

Three Year Limited Warranty

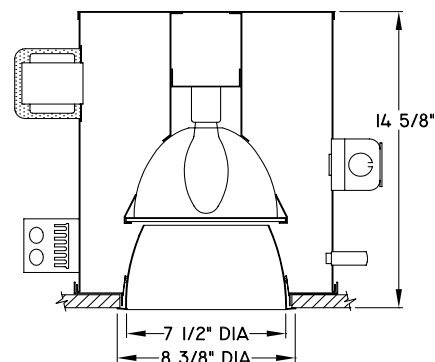
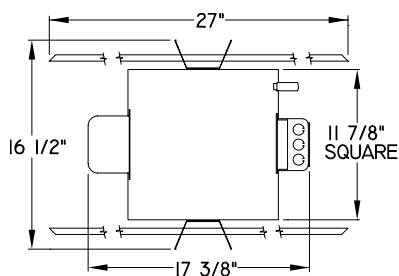
- Complete standard fixture.

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
175

RR50707

RR50707 RECESSED ROUND: 175 WATT MEDIUM BASE METAL HALIDE

KIRLIN

Performance at a Glance - Installed Fixture

Cones of Light

RR50707

Ft.	FC	DIA.
6	232.9	5.8
8	131.0	7.8
10	83.8	9.7
12	58.2	11.7
14	42.8	13.6
16	32.7	15.6

SINGLE FIXTURE

RR50707-15

Ft.	FC	DIA.
6	206.4	6.1
8	116.1	8.2
10	74.3	10.2
12	51.6	12.3
14	37.9	14.3
16	29.0	16.4

SINGLE FIXTURE

Color Multiplier Guide for Optional Reflectors

Gold:	CP x .95
Black:	CP x .67
Umber:	CP x .75
Pewter:	CP x .90
OptiGroove:	CP x .72

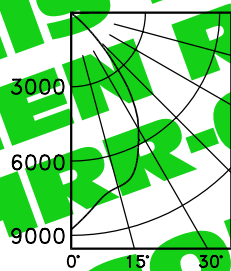
Photometric Data

- Installed Fixture

RR50707

S/MH 1.0

EFF. = 65.9%



CANDLEPOWER DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0
0	8383	8383	8383	8383	8383
5	7840	7840	7840	7840	7840
10	8975	6975	6975	6975	6975
15	6334	6334	6334	6334	6334
20	4558	4558	4558	4558	4558
25	1677	1677	1677	1677	1677
30	118	118	118	118	118
35	0	0	0	0	0
40	0	0	0	0	0
45	0	0	0	0	0
50	0	0	0	0	0
55	0	0	0	0	0
60	0	0	0	0	0
65	0	0	0	0	0
70	0	0	0	0	0
75	0	0	0	0	0
80	0	0	0	0	0
85	0	0	0	0	0
90	0	0	0	0	0

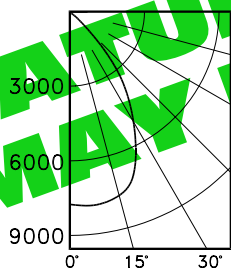
PERCENTS OF UTILIZATION

	20	50	80
RC	70	50	30
RW	70	50	30
1	74	72	71
2	67	64	62
3	62	58	55
4	57	53	50
5	53	49	45
6	49	45	41
7	45	41	38
8	42	38	35
9	40	35	32
10	37	33	30

RR50707-15

S/MH 1.1

EFF. = 63.2%



	0.0	22.5	45.0	67.5	90.0
0	7430	7430	7430	7430	7430
5	7517	7517	7517	7517	7517
10	7407	7407	7407	7407	7407
15	6148	6148	6148	6148	6148
20	3992	3992	3992	3992	3992
25	1587	1587	1587	1587	1587
30	82	82	82	82	82
35	0	0	0	0	0
40	0	0	0	0	0
45	0	0	0	0	0
50	0	0	0	0	0
55	0	0	0	0	0
60	0	0	0	0	0
65	0	0	0	0	0
70	0	0	0	0	0
75	0	0	0	0	0
80	0	0	0	0	0
85	0	0	0	0	0
90	0	0	0	0	0

	20	50	80
RC	70	50	30
RW	70	50	30
1	71	70	68
2	68	64	62
3	64	59	56
4	60	55	51
5	57	51	47
6	54	47	43
7	51	44	40
8	48	41	37
9	45	39	34
10	43	36	32

Options

- 15 UV absorbing tempered prismatic flat glass. Spread distribution.
- 16 Champagne Gold anodized Alzak® lower reflector, self-flanged. (CP x .95)
- 23 Mercury ballast instead. 100ME standard or see Option -43. Specify voltage.
- 24 HPS ballast instead. 150ME 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 277V.
- 31 White reflector flange.
- 43 Lower wattage medium base - specify voltage and wattage for: Metal Halide: 150, 100; Mercury: 75, 50; HPS: 100; White Son: 50.

- 45 Gasket above reflector flange. Stops dust streaks on 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.
- 72 Black anodized Alzak lower reflector, self-flanged. (CP x .67)
- 82 Sloped ceiling adapter, white. Specify 5°, 10°, 15°, 20°, 25°, 30° slope. Mounting hardware included.

- 92 Umber anodized Alzak lower reflector, self-flanged. (CP x .75)
- 93 Pewter anodized Alzak lower reflector, self-flanged. (CP x .90)
- 94 Custom color lower reflector. 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 (4000°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.
- OG OptiGroove black seamless tapered aluminum. White trim, self-flanged. (CP x .72)

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RR50707

WATTAGE

175

LAMP

E/ED-17

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METAL HALIDE LIGHTING**