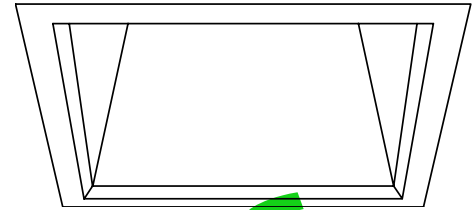


ELLIPSOIDAL DOWNLIGHT: OPEN FIXTURE APPEARANCE



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 specular Alzak aluminum in cast aluminum white trim frame.

Lens

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

Ballast Assembly

- WhisperPack™ 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 spraytest.
- Entire luminaire serviced through removable reflector.

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.
- For wet plaster ceiling see Option -47.

UL Listing

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

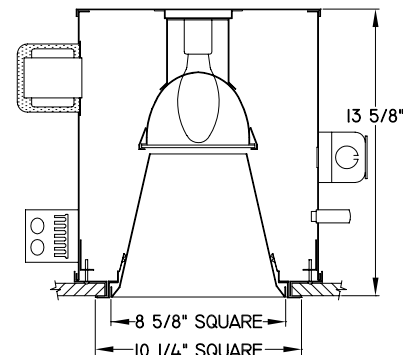
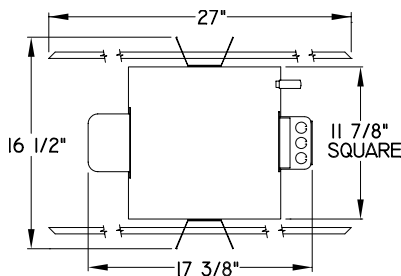
Three Year Limited Warranty

- 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

RS50948

RS50948 RECESSED SQUARE: 175 WATT MEDIUM BASE METAL HALIDE

KIRLIN

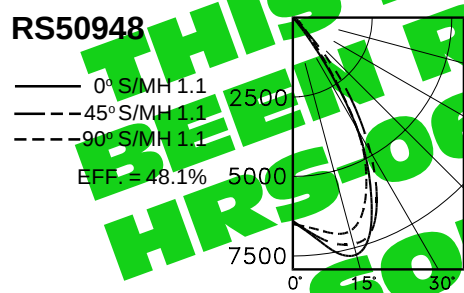
Performance at a Glance - Installed Fixture

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.

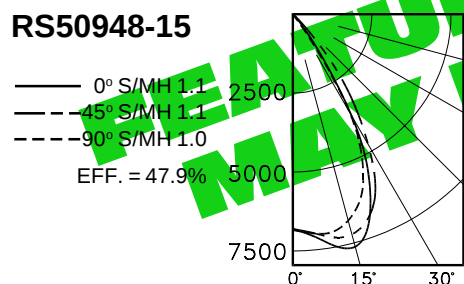
RS50948			Cones of Light			RS50948-15		
Ft.	FC	DIA.	Ft.	FC	DIA.	Ft.	FC	DIA.
6	177.9	6.4	6	189.2	6.2	6	189.2	6.2
8	100.1	8.6	8	106.4	8.3	8	106.4	8.3
10	64.1	10.7	10	68.1	10.4	10	68.1	10.4
12	44.5	12.9	12	47.3	12.4	12	47.3	12.4
14	32.7	15.0	14	34.8	14.5	14	34.8	14.5
16	25.0	17.1	16	26.6	16.6	16	26.6	16.6

Photometric Data - Installed Fixture

RS50948



RS50948-15



CANDLE WEIGHT DISTRIBUTION

	0.0	22.5	45.0	67.5	90.0
0°	6405	6405	6405	6405	6405
15°	6708	6695	6737	6560	6469
30°	7767	7689	7364	6960	6823
45°	5794	5995	6296	5840	5264
60°	2011	2539	3206	2650	1737
75°	160	168	354	157	142
90°	22	17	8	13	17
105°	0	0	0	0	0
120°	0	0	0	0	0
135°	0	0	0	0	0
150°	0	0	0	0	0

COEFFICIENTS OF UTILIZATION

		20							
		80				50			
RC	RW	70	50	30	10	50	30	10	
1	55	53	52	51	50	50	49	49	
2	52	50	48	46	47	46	45	45	
3	50	47	44	42	45	43	41	41	
4	47	44	41	39	42	40	38	38	
5	45	41	38	36	39	37	36	36	
6	43	38	35	33	37	35	33	33	
7	40	36	33	31	35	33	31	31	
8	38	34	31	29	33	31	29	29	
9	37	32	29	27	31	29	27	27	
10	35	30	28	26	30	27	26	26	

Options

- 15 UV absorbing tempered prismatic flat glass. Spread distribution.
- 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.
- 35 Silver enameled frame finish instead.
- 36 Gold enameled frame finish instead.
- 37 Bronze enameled frame finish instead.
- 38 Black enameled frame finish instead.

- 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 trim flange (between trim and ceiling).
- 47 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 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 (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.

THE KIRLIN COMPANY

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

RS50948

WATTAGE

175

LAMP

E/ED-17

**HIGH EFFICIENCY
METAL HALIDE LIGHTING**

LIMITED WARRANTY: CATALOGED KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR THREE YEARS FROM DATE OF PURCHASE. INSTALLATION 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.