

22"

REGRESSED LENS: AUDITORIUM / MALL

Features

Lamp

- 400 watt coated E/ED/BT-37 universal.
- See Option -43 for optional lower wattage.
- Option -23 for Mercury, Option -24 for HPS.

Socket

- Horizontal Mogul base.
- Glazed porcelain.
- Nickel-plated brass screw shell. Silicone leads.

Reflector

- Specular Alzak® aluminum.

Trim Assembly

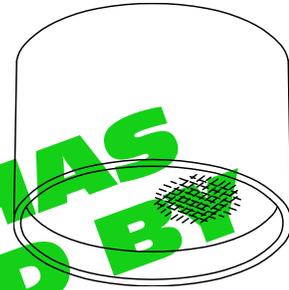
- Seamless white spun aluminum.
- UV absorbing tempered low brightness prismatic glass.

Ballast Assembly

- WhisperPack™ fully encapsulated 180°C rated HPF ballast.
- Premium Class H; CWA 10:10 regulation.
- Capacitor supplied.
- 120 volt standard or see optional voltages.
- Cool, quiet, long-life. Silicone leads.

Fuse

- Fused primary. Renewable. Aids servicing.



Housing

- Seamless acrylic enameled aluminum.
- Cool: Dissipates heat across entire surface area.
- Rustproof: Exceeds 1000 hour ASTM 5% salt spray test.
- No visible cylinder hardware. White finish is standard.

Installation

- Center point mounting with snug fit to ceiling.
- Indoor or outdoor for covered ceiling use.
- Mounting beneath surface outlet box available (Option -80).

UL Listing

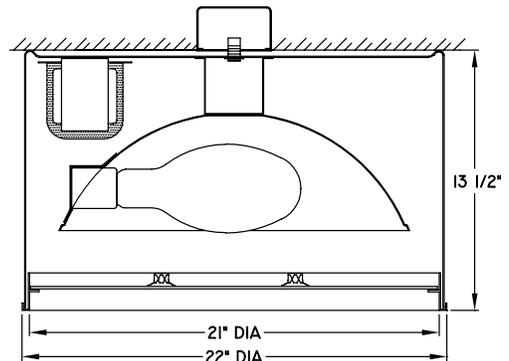
- Wet, damp or dry locations, covered ceilings (See Option -89).

Three Year Limited Warranty

- Complete standard fixture.

THIS FIXTURE HAS BEEN REPLACED BY HSR-22136 OR SOME DESIGN OPTIONS MAY HAVE CHANGED

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/BT-37

WATTAGE
400

SR52237

DATA

SUBMITTAL

VOLTAGE

WATTAGE

TYPE

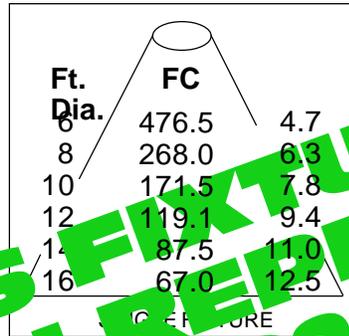
MODEL

JOB NAME

LOCATION

**Performance at a Glance
- Installed Fixture**

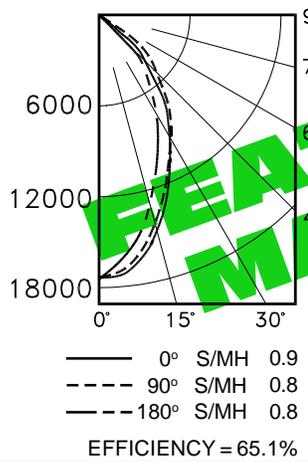
Cone of Light



Cone of Light Key
Distance to surface from fixture
FC = Foot Candles
Dia. = Diameter of light at 50% of FC
Diameter shown is 50% of FC value is half the FC at nadir.

Photometrics

CP DISTRIBUTION



WATTAGE	0.0	45.0	90.0	135.0	180.0
0	17153	17153	17153	17153	17153
15	14638	14313	13938	13320	12772
30	10400	10157	9924	9305	8738
45	6548	6660	6792	6244	5636
55	3811	4115	4430	4045	3446
65	2048	2220	2382	2169	1845
75	1034	1085	1156	1105	993
85	588	547	558	517	487
90	142	122	132	112	81
90	0	0	0	0	0

RC	COEFFICIENTS OF UTILIZATION							
	80				50			
	70	50	30	10	50	30	10	
1	72	70	68	66	66	64	63	
2	67	63	60	57	60	57	55	
3	63	57	53	50	55	51	49	
4	59	52	48	44	50	46	43	
5	55	48	43	40	46	42	39	
6	51	44	39	36	43	38	35	
7	48	41	36	33	39	35	32	
8	45	38	33	30	37	33	30	
9	43	35	31	28	34	30	28	
10	41	33	29	26	32	28	26	

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

Options

- 23 Mercury ballast instead. 400 watt standard or see Option -43. Specify voltage.
- 24 HPS ballast instead. 400 watt standard or see Option -43. Specify voltage.
- 35 Silver enameled housing finish instead.
- 36 Gold enameled housing finish instead.
- 37 Bronze enameled housing finish instead.
- 38 Black enameled housing finish instead.
- 43 Lower wattage mogul base specify voltage and wattage for: Metal Halide: 250, 175; Mercury: 250, 175; HPS: 250, 150.
- 45 Gasket above trim flange (between trim and housing).
- 46 Gasket between trim and lens.
- 49 Extra circuit DCB socket. (250 watt max.) Must not be energized simultaneously with main source.
- 58 277 volt 60 Hz. ballast instead.
- 65 Relay and DCB socket. (250 watt max.) With fixture energized, provides immediate light during HID outage. Also see Option -66.
- 66 Time delay relay and DCB socket. (250 watt max.) When energized, provides light until HID reaches 70% output.
- 80 Extension collar with two-1/2" knockouts for mounting luminaire beneath surface outlet box.
- 87 Custom -PM length. Specify up to 5 feet or consult factory. Use with Option -PM.
- 88 Swivel canopy for sloped ceilings up to 45°.
- 89 Weather Cap - required when luminaire is installed without covered ceiling protection.
- 94 Custom color trim assembly or housing. 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. (250 watt max.) Use only with Options -49, -65 or -66.
- PM Pendant mount instead. 3/8" T.S. x 18" standard or see Option -87.

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LIMITED WARRANTY: CATALOGUED KIRLIN FIXTURES ARE WARRANTIED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR THREE YEARS FROM DATE OF PURCHASE. INSTALLLED 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 other conditions shall void the warranty.

THIS FIXTURE HAS BEEN REPLACED BY HSR-22136-PR SOME DESIGN FEATURES OR OPTIONS MAY HAVE BEEN CHANGED