

REGRESSED LENS: SHOPPING CENTER / SCHOOL

12"

Features

Lamp

- Designed for 250 watt clear E/BT/ED-28 vertical.
- See Option -43 for optional lower wattage.
- Option -23 for Mercury, Option -24 for HPS.

Socket

- Vertical. Mogul base.
- 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 interlocks with housing.
- UV absorbing tempered low brightness prismatic glass.

Ballast Assembly

- WhisperPack™ fully encapsulated 180°C rated HPF ballast.
- Premium Class H; CWA 10:9 regulation.
- Capacitor supplied.
- 120 volt standard or see optional voltages.
- Cool, quiet, long-life. Silicone leads.

Fuse

- Fused primary. Renewable. Aids servicing.

Housing

- Seamless, deep-drawn 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

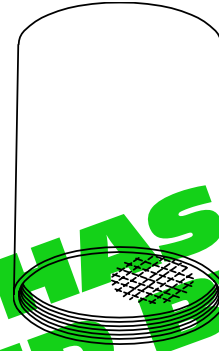
- Center point mounting with snug fit to ceiling.
- Indoor or outdoor for covered ceiling use.
- Mounting beneath surface outlet box available (Option -80).

UL Listing

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

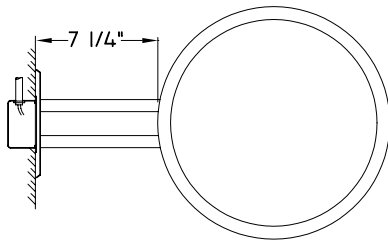
Three Year Limited Warranty

- Complete standard fixture.

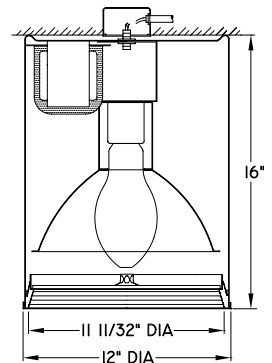


THIS FIXTURE HAS BEEN REPLACED BY HSR-12134 OR SOME DESIGN FEATURES OR DIMENSIONS MAY HAVE CHANGED

APPROVAL STAMP



PLAN VIEW SHOWN WITH OPTIONAL WALL-BRACKET (OPTION -WB)



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/BT/ED-28

WATTAGE
250

SR51235

DATA

SUBMITTAL

VOLTAGE

WATTAGE

TYPE

MODEL

JOB NAME

LOCATION

SR51235

SURFACE ROUND: 250 WATT MOGUL BASE METAL HALIDE



Performance at a Glance - Installed Fixture

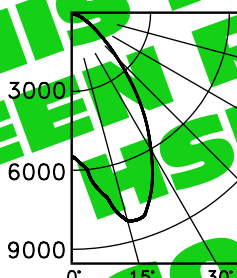
Cone of Light Key
Ft. Distance to surface from fixture (mounting height)
FC. Footcandles
DIA. Diameter (in feet) of the circle of light when FC value is half the FC at nadir.

SR51235			Cones of Light			SR51235-FR		
Ft.	FC	DIA.	Ft.	FC	DIA.	Ft.	FC	DIA.
6	149.5	7.9	6	245.9	6.1	6	245.9	6.1
8	84.1	10.6	8	138.3	8.2	8	138.3	8.2
10	53.8	13.2	10	88.5	10.2	10	88.5	10.2
12	37.4	15.9	12	61.5	12.2	12	61.5	12.2
14	27.5	18.5	14	45.2	14.3	14	45.2	14.3
16	21.0	21.2	16	34.6	16.3	16	34.6	16.3

Photometric Data - Installed Fixture

SR51235

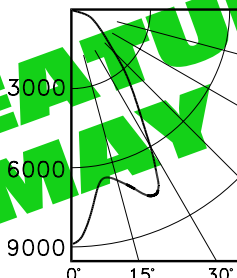
S/MH 1.2
EFF. = 61.5%



	WATTAGE				
	0.0	22.5	45.0	67.5	90.0
90°	0	5381	5381	5381	5381
75°	5	5849	5849	5849	5849
60°	15	7942	7942	7942	7942
45°	35	4707	4707	4707	4707
30°	45	2407	2407	2407	2407
15°	55	1125	1125	1125	1125
0°	65	476	476	476	476
	85	201	201	201	201
	90	0	0	0	0

SR51235-FR

S/MH 1.0
EFF. = 61.8%



	WATTAGE				
	0.0	22.5	45.0	67.5	90.0
90°	0	8853	8853	8853	8853
75°	1	7673	7673	7673	7673
60°	14	6658	6658	6658	6658
45°	35	4195	4195	4195	4195
30°	45	2129	2129	2129	2129
15°	55	1257	1257	1257	1257
0°	65	823	823	823	823
	75	404	404	404	404
	85	0	0	0	0
	90	0	0	0	0

Options

- 23 Mercury ballast instead. 250MO standard or see Option -43. Specify voltage.
- 24 HPS ballast instead. 250MO (E-238) 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.
- 40 White grooveless flare trim assembly instead.
- 43 Lower wattage mogul base specify voltage and wattage for: Mercury: 175; HPS: 150.
- 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.
- 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°. Earthquake rated. Use with Option -PM.
- 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.
- FR Fresnel tempered lens instead. Concentric prisms.
- FT Flat white trim instead. Standard with UV absorbing tempered prismatic glass.
- HO Holophane concave prismatic tempered lens instead for use with Option -FT only.
- LP With lamp. Specify source, wattage, color temperature, and clear or coated (3700°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.
- PM Pendant mount instead. 3/8" T.S. x 18" standard or see Option -87.
- WB Wall bracket mount instead. 7" arm.

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SR51235

WATTAGE LAMP
 250 E/BT/ED-28

HIGH EFFICIENCY METAL HALIDE LIGHTING

LIMITED WARRANTY: CATALOGED 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 repair, or modification of the fixture without prior authorization from the manufacturer will render the warranty void.