

Recessed Lensed E-Lamp
Horizontal to wall lights:
50 to 150 Watts

6" 100W
8" 150W

HRR-06071
HRR-08072

THIS PRODUCT IS NO LONGER

AVAILABLE

Please consult QUOTATIONS for the best alternative.

Features

Lamp

- Designed for medium base metal halide ED-17 lamps. See chart for standard and optional wattages.
- See Option -43 and chart for lower wattage or HPS availability.

Socket

- Horizontal. Pulse rated. Glazed porcelain.
- Nickel-plated brass screw shell. Silicone leads.

Reflector

- Specular Alzak® aluminum.

Trim Assembly

- Seamless tapered black OptiGroove with self-flange and white trim.
- UV absorbing fused quartz prism for brightness.
- Optional trims and lenses available.

Ballast Assembly, Standby Voltage

- White back. Two any voltage. 180° rated H-F pulse start ballast.
- Class H, high reactance for 120 volt and Options -65, -66; linear reactor for 277 volt.
- Capacitor and ignitor supplied.
- Dimming (-39) and electronic (-96) ballasts available. See Options.
- DCB socket, long life, no mercury.
- Visible and easily serviced in air ceilings including dry wall.
- Fused primary. Fuses replaceable.
- Acrylic enameled aluminum.
- Cool. Dissipates heat across entire surface.
- Washproof. Exceeds 1000 hour ASTM 2% salt spray test.

- Entire luminaire serviced through removable trim assembly.
- Built-in plaster frame.

Outlet Box

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

Installation

- 27" galvanized hanger bars supplied (2).
- Fully adjustable universal mounting brackets supplied (2).
- Recesses indoors or outdoor in covered locations.

UL, C-UL (Canada) Listings

- Wet, damp or dry locations, covered ceilings.
- Through-branch circuit conductors (6 #12).
- Three Year Limited Warranty
- Shatter Protection
- Per current NEC

Wattage Availability and Cut-Out Dimensions

Catalog No.	Lamp/Base	Standard Wattage		Option -43: Lower Wattage		Max. Standby Wattage (-49-65-66-LS)	Ceiling Cut-Out Diameter
		Pulse MH	-24 (HPS)	Pulse MH	-24 (HPS)		
HRR-06071	ED-17/Med	100	100	50-70	35-70	100	6.5"
HRR-08072	ED-17/Med	150	150	50-125	35-100	100	9.0"

Options

Sources and Ballasts

- 24 HPS ballast instead. See wattage chart above for available wattages. Specify voltage.
- 39 Electronic dimming ballast instead, for pulse start metal halide. Consult factory for wattage and voltage availability.
- 96 Regulating electronic MH ballast instead.

Wattage and Voltage

- 43 Lower wattage: See Option -43 chart above for available lower wattages. Specify voltage.
- 120 120 volt, 60 Hz. ballast.
- 277 277 volt, 60 Hz. ballast.
- 347 347 volt, 60 Hz. ballast. Consult factory for dimming or electronic.
- 97 Other voltage ballast instead. Consult factory.

Relays, Standbys, Lamps (See Chart)

- 49 Extra circuit DCB socket. Do not energize simultaneously with main source. Also see -LS.
- 65 Electronic standby system and DCB socket. Following HID outage, provides immediate light until HID restrikes. Also see -66 and -LS.
- 66 Electronic time delay standby system and DCB socket. Following outage, provides light until HID reaches 70% output. Also see Option -LS.
- LP With lamp. Specify source, wattage, color temperature, and clear or coated. (3700°K standard for metal halide)
- LS With T-4 DCB tungsten halogen standby lamp. Use only with Options -49, -65 or -66.

Lenses and Trims

- 32 Trim extender. Broadens trim flange O.D. by 1" to cover larger ceiling opening.
- 40 White grooveless flare trim assembly instead.
- 45 Gasket between trim and ceiling.

- 46 Gasket between trim and lens.
- 94 Custom color trim assembly. Consult factory.
- FR Fresnel tempered lens instead.
- FT Flat white trim instead. With standard C#73 lens or specify optional lens.
- HO Holophane concave lens instead for HRR-08072.

Mounting Options

- 79 Extension collar for up to 2" thick ceilings.
- 85 Ceiling Panel; with recessed fixture hole. Lays-in 2' x 2' grid.

Other Options

- 99 Special modification. Consult factory.

KIRLIN

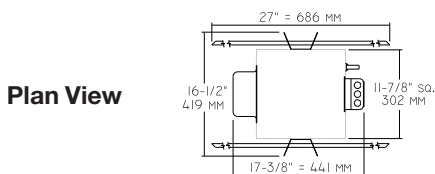
THE KIRLIN COMPANY

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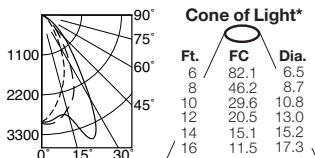
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HRR-06071
HRR-08072

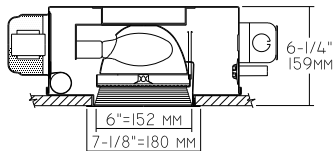


HRR-06071 100W

HRR-06071 (Coated Lamp)



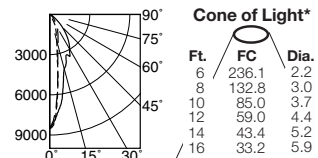
— — —	0° S/MH	0.7
=====	90° S/MH	1.2
— — —	180° S/MH	1.0



EFFIC: 49.5%
ITL TEST #51352
9.5 •AEC = \$8.13

CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	2956	2956	2956	2956	2956
5	2754	2824	2925	2984	3010
15	2134	2480	2907	2954	2700
25	1423	2157	3540	2711	2107
35	687	1339	1781	1612	1101
45	346	578	887	685	541
55	162	271	383	309	228
65	80	110	129	114	85
75	14	21	23	19	11
85	0	0	0	0	0
90	0	0	0	0	0

HRR-06071-FR (Coated Lamp)



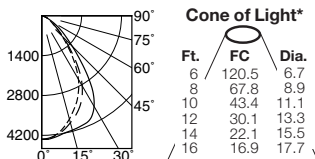
— — —	0° S/MH	0.3
=====	90° S/MH	0.5
— — —	180° S/MH	0.3

EFFIC: 55.1%
ITL TEST #51351
2.9 •AEC = \$7.30

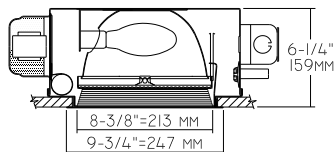
CANDLEPOWER DISTRIBUTION						
	0.0	45.0	90.0	135.0	180.0	
0	8498	8498	8498	8498	8498	
5	6375	7132	7300	6543	6291	
15	1976	2984	4218	3489	2340	
25	1023	2305	3419	2732	1401	
35	182	121	2473	1702	687	
45	126	546	1331	694	392	
55	98	294	490	287	182	
65	56	126	182	140	84	
75	14	35	49	42	28	
85	0	0	0	0	0	
90	0	0	0	0	0	

HRR-08072 150W

HRR-08072 (Coated Lamp)



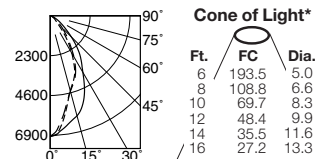
— — —	0° S/MH	1.0
————	90° S/MH	1.2
— — —	180° S/MH	1.0



EFFIC: 55.3%
ITL TEST #51631
4.1 •AEC = \$7.04

	CANDLEPOWER DISTRIBUTION				
	0.0	45.0	90.0	135.0	180.0
0	4338	4338	4338	4338	4338
5	4278	4256	4313	4292	4271
15	3755	3960	4157	4025	3888
25	3027	3402	4014	3603	3294
35	2010	2475	3060	2606	2244
45	1007	1227	1521	1292	1080
55	458	594	728	614	488
65	251	257	261	269	254
75	66	77	89	74	57
85	0	0	0	0	0
90	0	0	0	0	0

HRR-08072-FR (Coated Lamp)

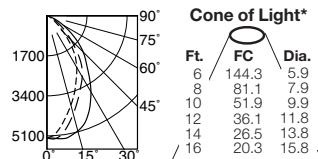


— — —	0° S/MH	0.7
————	90° S/MH	0.9
— — —	180° S/MH	0.7

EFFIC: 60.9%
ITL TEST #51632
\$7.5 •AEC = \$6.40

CANDLEPOWER DISTRIBUTION					
	0.0	45.0	90.0	135.0	180.0
0	6966	6966	6966	6966	6966
5	6521	6557	6680	6494	6278
15	4475	5147	5976	5271	4502
25	3318	4005	4685	4074	3468
35	1710	2357	3104	2516	1977
45	573	1242	1727	1346	971
55	303	575	762	623	447
65	144	240	306	257	186
75	50	72	84	72	57
85	0	0	0	0	0
90	0	0	0	0	0

HRR-08072-HO (Coated Lamp)



— — —	0° S/MH	0.8
————	90° S/MH	1.1
— — —	180° S/MH	0.9

EFFIC: 63.8%
ITL TEST #51633
39.3 •AEC = \$6.10

	CANDLEPOWER DISTRIBUTION				
	0.0	45.0	90.0	135.0	180.0
0	5193	5193	5193	5193	5193
5	4944	5016	5237	5265	5192
15	3927	4442	5063	4857	4314
25	2945	3552	4301	3893	3371
35	2087	2486	3119	2727	2555
45	1020	1488	2174	1784	1437
55	387	770	1200	956	677
65	161	330	492	401	267
75	54	69	81	72	54
85	0	0	0	0	0
90	0	0	0	0	0

* **LER (Luminaire Efficacy Rating)** = $\frac{\text{Luminaire Effic.} \times \text{Total Lamp Lumens} \times \text{Ballast Factor}}{\text{Input Watts}}$

- **AEC = Annual Energy Cost per 1000 lumens (based on 3000 hours use @ \$0.08 KWH).**

SUBMITTAL DATA

APPROVAL STAMP

JOB NAME

TYPE

WATTAGE

VOLTAGE

CATALOG NUMBER

LIMITED WARRANTY: CATALOGED KIRTLIN MIXTURES 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 repair, replace, refund 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 applied 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. Additional use, abuse of the fixture, improper installation, repair, or modification of the fixture without prior written authorization from the manufacturer will void the warranty. For more information, contact the manufacturer.

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