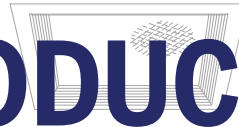


Recessed Lensed  
E-Lamp Downlight  
50 to 175 Watt



8" 175W

**HRS-08179**

# THIS PRODUCT IS NO LONGER

# AVAILABLE

# Please consult QUOTATIONS

# for the best alternative.

## Features

### Lamp

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

### Socket

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

### Reflector

- Glass surfaced™ multi-faceted reflector aluminum.

### Trim Assembly

- Tapco™ black OptiGroove with self-flanged white trim.
- UV absorbing lens and prismatic lens for brightness C=73 flat glass lens.
- Optional trims and lenses available.

### Ballast Assembly, Special Voltage

- White Pack™ ballast encapsulated 180°C.
- 50-150 watt: Class H, high reactance for 120 volt and Options -65, -66; linear reactor for 277 volt.
- 175 watt: Super CWA for 120 volt and Options -65, -66, -HL; Class H, linear reactor for 277 volt.
- Dimming (-39) and electronic (-96) ballasts available. See Options.
- Fuse
- Fused primary. Removable. Not for 480 volt.
- Acrylic enameled aluminum. Ventilated.
- Cool: Dissipates heat across entire surface.

- Rustproof: Exceeds 1000 hour ASTM 5% salt spray test.
- Entire luminaire serviced through removable trim assembly.
- Built-in plaster frame.

### Outlet Box

- Prewired 14 GA (N.C) 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 indoor 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
- UL listed standard fixture, including ballast.
- Thermal 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 |
|-------------|-----------|------------------|-----------|---------------------------|-----------|-------------------------------------|-----------------|
|             |           | Pulse MH         | -24 (HPS) | Pulse MH                  | -24 (HPS) |                                     |                 |
| HRS-08179   | ED-17/Med | 175              | 150       | 50-150                    | 35-150    | 100                                 | 9.5" Sq.        |

## 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. Consult factory for availability in 175W.

### 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. 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.
- HL Hi-Lo wiring modification for use with external relay systems (by others). 175 watt or above. Specify system separately.
- 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.

### 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.
- TA Top access modification; for servicing from above ceiling.



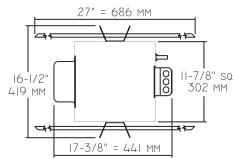
## THE KIRLIN COMPANY

3401 EAST JEFFERSON AVENUE • DETROIT, MICHIGAN 48207-4232  
(313) 259-6400 • Fax: (313) 259-9409 or (313) 259-3121 • www.kirlinlighting.com

THE KIRLIN COMPANY RESERVES THE RIGHT TO CHANGE, WITHOUT NOTICE, DETAILS OR SPECIFICATIONS IN PRODUCT DESIGN.

### HRS-08179

Plan View



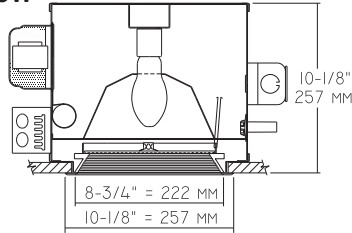
#### Cone of Light Key

- Ft.** Distance from fixture
- FC** Footcandles (average)
- Dia.** Circle of light at 50% of FC
- \* Dia. (in ft.) shown is where FC value is half the FC at nadir.

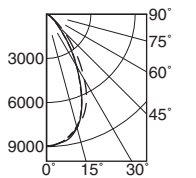
**C.U. (Coefficients of Utilization) Tables are available on request. Please contact your Kirlin representative.**

LIMITED WARRANTY - CATALOGED KIRLIN FIXTURES ARE WARRANTED FREE OF DEFECTS IN WORKMANSHIP OR MATERIAL FOR THREE YEARS FROM DATE OF PURCHASE. INSTALLED TO N.E.C. IN NORMAL USE. Manufacture at the option will replace or repair fixture or related the purchase price or representation of proof of purchase and defective fixture at the office 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 or other improper installation, repair, or modification of the fixture without prior written authorization from the manufacturer will render the warranty void.

### HRS-08179 175W



HRS-08179 (Clear Lamp)



Cone of Light\*

| Ft. | FC    | Dia. |
|-----|-------|------|
| 6   | 248.9 | 5.5  |
| 8   | 140.0 | 7.4  |
| 10  | 89.6  | 9.2  |
| 12  | 62.2  | 11.0 |
| 14  | 45.7  | 12.9 |
| 16  | 35.0  | 14.7 |

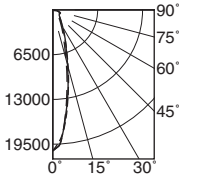
|    | CANDLEPOWER DISTRIBUTION |      |      |      |      |
|----|--------------------------|------|------|------|------|
|    | 0.0                      | 22.5 | 45.0 | 67.5 | 90.0 |
| 0  | 8960                     | 8960 | 8960 | 8960 | 8960 |
| 5  | 8839                     | 8803 | 8839 | 8813 | 8818 |
| 15 | 7887                     | 7840 | 7971 | 8028 | 7981 |
| 25 | 5429                     | 5785 | 6402 | 5926 | 5502 |
| 35 | 2846                     | 3248 | 3813 | 3373 | 2846 |
| 45 | 1077                     | 1302 | 1700 | 1433 | 1129 |
| 55 | 470                      | 529  | 607  | 592  | 450  |
| 65 | 261                      | 267  | 246  | 261  | 230  |
| 75 | 116                      | 105  | 95   | 99   | 116  |
| 85 | 0                        | 0    | 0    | 0    | 0    |
| 90 | 0                        | 0    | 0    | 0    | 0    |

- 0° S/MH 0.9
- 45° S/MH 1.0
- 90° S/MH 0.9

**EFFIC: 55.9%**

ITL TEST #51636  
 \*LER = 44.3  
 •AEC = \$5.42

HRS-08179-FR (Clear Lamp)



Cone of Light\*

| Ft. | FC    | Dia. |
|-----|-------|------|
| 6   | 568.5 | 2.4  |
| 8   | 319.8 | 3.2  |
| 10  | 204.7 | 4.0  |
| 12  | 142.1 | 4.9  |
| 14  | 104.4 | 5.7  |
| 16  | 79.9  | 6.5  |

|    | CANDLEPOWER DISTRIBUTION |       |       |       |       |
|----|--------------------------|-------|-------|-------|-------|
|    | 0.0                      | 22.5  | 45.0  | 67.5  | 90.0  |
| 0  | 20466                    | 20466 | 20466 | 20466 | 20466 |
| 5  | 17643                    | 17627 | 17519 | 17566 | 17592 |
| 15 | 8589                     | 7879  | 7343  | 7900  | 8291  |
| 25 | 3893                     | 3285  | 3296  | 3450  | 4027  |
| 35 | 2070                     | 1689  | 1735  | 1735  | 2174  |
| 45 | 1421                     | 1267  | 1231  | 1216  | 1411  |
| 55 | 1154                     | 943   | 870   | 932   | 1154  |
| 65 | 1061                     | 608   | 489   | 576   | 1164  |
| 75 | 772                      | 299   | 190   | 299   | 875   |
| 85 | 0                        | 0     | 0     | 0     | 0     |
| 90 | 0                        | 0     | 0     | 0     | 0     |

- 0° S/MH 0.4
- 45° S/MH 0.4
- 90° S/MH 0.4

**EFFIC: 54.5%**

ITL TEST #51645  
 \*LER = 43.1  
 •AEC = \$5.56

\* LER (Luminaire Efficacy Rating) = Luminaire Effic. x Total Lamp Lumens x Ballast Factor / 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