

Recessed Lensed E Lamp
"Pulse Start" Adjustable
50 to 400 Watt

THIS PRODUCT IS NO LONGER AVAILABLE

Features

Lamp

- Designed for universal burn or Ventilated 7000K metal halide E-lamps. See chart below for standard and optional wattages.
- See Option -43 and chart below for lower wattage for HPS availability.

Socket

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

Reflectors

- Upper: Specular Alzak® aluminum. Swivels 358° and tilts up to 30°.
- Lower: Low brightness specular Alzak® aluminum self-flanged.
- Fourteen optional lower reflector finishes.

Lens

- UV absorbing tempered Microtek glass mounted to upper reflector. See Options.

Ballast Assembly: Specific Voltage

- Discharge Lamp™ full encapsulated 80°C coated
- 175-400 watt: Super CWA for 120V and Options -65, -66, -HL; Class H, linear reactor for 277V.
- Capacitor and ignitor supplied.
- Dimming (-39) and electronic (-96) ballasts available. See Options.
- Visible and easily serviced in all ceilings including dry wall.
- UL, C-UL (Canada) Listings
- Wet, damp or dry locations, covered ceilings.
- Through-branch circuit conductors (6 #12).
- Complete standard fixture, including ballast.
- Per current NEC

- Entire luminaire serviced from below through removable reflectors.
- 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 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

- Complete standard fixture, including ballast.

UL, C-UL (Canada) Listings

- Wet, damp or dry locations, covered ceilings.

Please consult
QUOTATIONS
for the best alternative.

Wattage Availability and Cut-Out Dimensions

Catalog No.	Lamp/Base	Standard Wattage Pulse MH	-24 (HPS)	Option -43: Lower Wattage Pulse MH	-24 (HPS)	Max. Standby Wattage (-49-65-66-LS)	Ceiling Cut-Out Diameter
HRR-07045	ED-17/Med	150	150	50-125	35-100	100	8.0"
HRR-08046	ED-17/Med	150	150	50-125	35-100	100	9.0"
HRR-11047	ED-28/Mog	400	250	150-320	150	150	12.25"

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.

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.
- HL Hi-Lo wiring modification for use with external relay systems (by others). 175 watt or above. CWA ballast only. Specify system.
- LP With lamp. Specify source, wattage, color temperature, and clear or coated. (3000°K standard metal halide)
- LS With T-4 DCB tungsten halogen standby lamp. Use only with Options -49, -65 or -66.

Reflectors and Trims (Self-Flanged)

- 16 Champagne Gold Alzak lower reflector. (CP x .95)
- 30 All White lower reflector. (CP x .95)
- 31 White flange (only) on lower reflector.
- 32 Trim extender. Broadens trim flange O.D. by 1" to cover larger ceiling opening.
- 45 Gasket above reflector flange. Stops dust streaks on ceiling.
- 63 Dune specular Alzak lower reflector. (CP x .93)

- 69 Wheat specular Alzak lower reflector. (CP x .92)
- 70 SoftTex Clear etched lower reflector. (CP x .92)
- 71 SoftTex Dune etched lower reflector. (CP x .89)
- 72 Black specular Alzak lower reflector. (CP x .77)
- 77 SoftTex Pewter etched lower reflector. (CP x .85)
- 90 SoftTex Champagne Gold etched lower reflector. (CP x .90)
- 91 SoftTex Wheat etched lower reflector. (CP x .88)
- 92 Umber specular Alzak lower reflector. (CP x .83)
- 93 Pewter specular Alzak lower reflector. (CP x .88)
- 94 Custom color lower reflector. Consult factory.
- OG OptiGroove black seamless tapered aluminum lower reflector. White trim. (CP x .75)

Lenses

- 15 Prismatic C#73 flat glass lens instead.
- 28 UV absorbing clear tempered glass instead.

Other Options

- 99 Special modification. Consult factory.
- TA Top access; for servicing from above ceiling.

KIRLIN

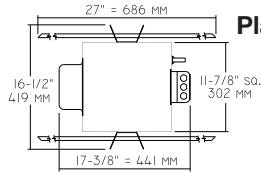
THE KIRLIN COMPANY

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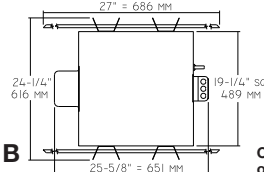
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HRR-07045
HRR-08046
HRR-11047



Plan View A

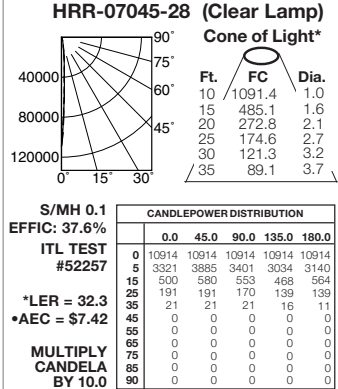
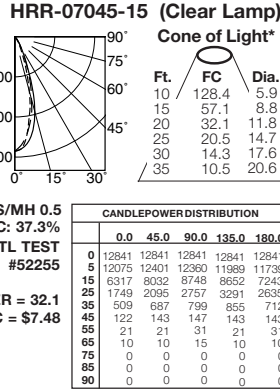
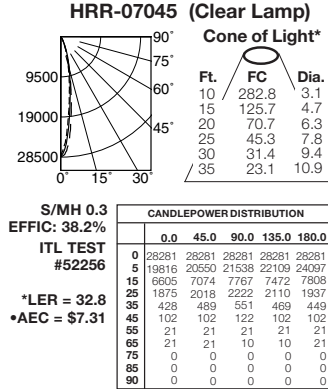
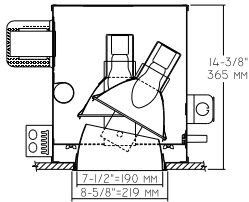


Plan View B

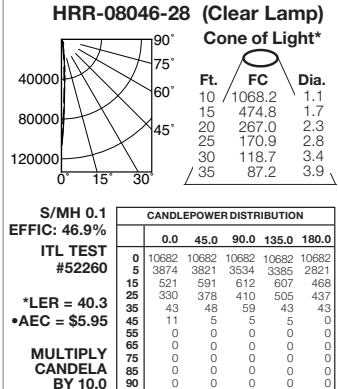
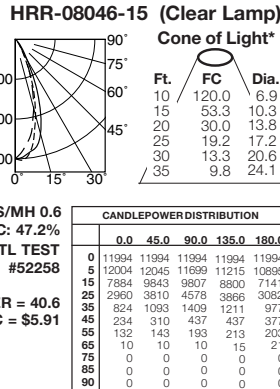
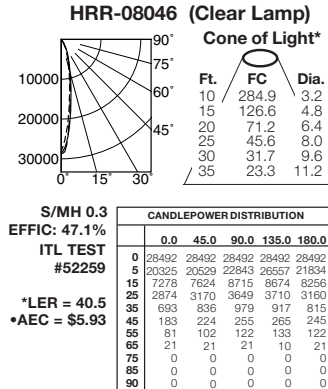
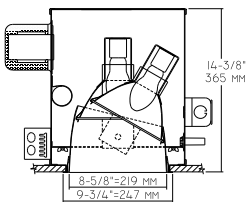
Cone of Light Key
Ft. Distance from fixture
FC Footcandles (average)
Dia. Circle of light at 50% of FC
* Dia. (in ft.) shown is where FC value is half the FC at nadir.

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

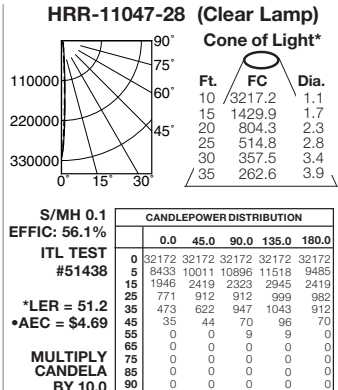
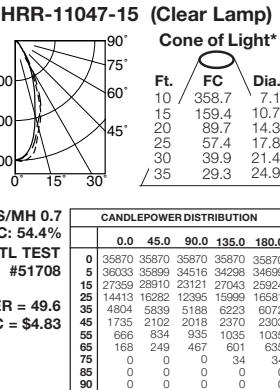
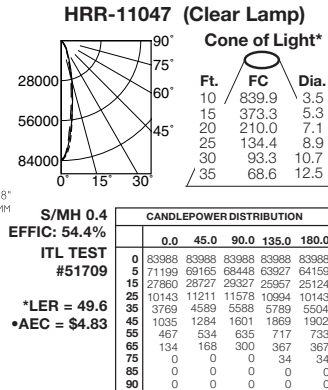
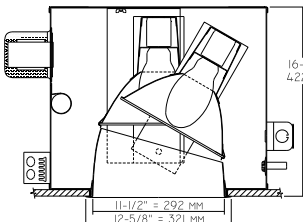
HRR-07045 150W
(Plan View A)



HRR-08046 150W
(Plan View A)



HRR-11047 400W
(Plan View B)



* 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

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 the option will replace or repair such fixture or refund the purchase price on presentation 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 of fitness for a particular use, nor will any oral statement constitute a warranty or amend this specific warranty. Abuse of this fixture, improper installation, or modification of the fixture without prior written authorization from the manufacturer will render the warranty void.