# Rece SPRODUCT **IS NO LONGER**

HRR-06048 HRR-07049

erviced from below through

# **Features**

# Lamp

Socket

Pulse rat

Offset.

Reflectors

Upper: S

Lower: I

 Fourteer Lens

aluminun

Nickel-pl

- Designed E-lamps ee chart below for standard and optional
- See Opti -43 and chart below for lower wattage

d brass screw shell

- Class H, high reactance for 120 volt and Options -65, -66; linear reactor for 277 volt.
- Capacitor and ignitor supplied.

 Prewired 14 GA NEC) galvanized steel, UL able insulated cover. listed; with remo ckouts.

ors.

1/2" and 3/4" ki

Entire luminaire

removable reflec

Built-in plaster fra

## Installation

**Outlet Box** 

- 27" galvanized h nger bars supplied (2).
- Fully adjustable niversal mounting brackets supplied (2).
- Recesses indoo or outdoor in covered

### UL, C-UL (Canada Listings

Per current NE0

locations, covered ceilings.

ircuit conductors (6 #12).

# Warranty

d fixture, including ballast.

# Figure 2. Acrylic enameled aluminum. Acrylic enameled aluminum. Through-branch Through-bran UV abso glass mo

# Wattage / Lamp Availability and Cut-Out Dimensions

Catalog No.	Lamp/Base	Standard Pulse MH	Wattage -24 (HPS)	Option -43: Lo Pulse MH	ower Wattage -24 (HPS)	Max. Standby Wattage (-49-65-66-LS)	Ceiling Cut-Out Diameter
HRR-06048	ED-17/Med	150	150	50-125	35-100	100	6.5"
HRR-07049	ED-17/Med	150	150	50-125	35-100	100	8.0"

# **Options**

### Sources and Ballasts

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

# Wattage and Voltage

- 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.

PS MET HALIDE JULY 2002

- -347 347 volt. 60 Hz. ballast. Consult factory for dimming or electronic.
- Other voltage ballast instead, Consult factory,

# Relays, Standbys, Lamps (see Chart)

Extra circuit DCB socket. Do not energize simultaneously with main source. Also see -LS.

- Electronic standby system and DCB socket. Following HID outage, provides immediate light until HID restrikes. Also see -66 and -LS.
- Electronic time delay standby system and DCB socket. Following outage, provides light until HID reaches 70% output. Also see Option -LS.
- With lamp. Specify source, wattage, color temperature, and clear or coated. (3000°K standard metal halide)
- With T-4 DCB tungsten halogen standby lamp. Use only with Options -49, -65 or -66.

# Reflectors and Trims (Self-Flanged)

- Champagne Gold Alzak lower reflector. (CP x .95)
- All White lower reflector. (CP x .95) -30
- White flange (only) on lower reflector
- Trim extender. Broadens trim flange O.D. by 1" to cover larger ceiling opening.
- -45 Gasket above reflector flange. Stops dust streaks on ceiling.
- Dune specular Alzak lower reflector. (CP x .93)
- Wheat specular Alzak lower reflector. (CP x .92)

- SofTex Clear etched lower reflector. (CP x .92) -71 SofTex Dune etched lower reflector. (CP x .89)
- Black specular Alzak lower reflector, (CP x .77) -72
- SofTex Pewter etched lower reflector, (CP x .85)
- SofTex Champagne Gold etched lower reflector. -90 (CP x .90)
- SofTex Wheat etched lower reflector. (CP x .88)
- Umber specular Alzak lower reflector. (CP x .83)
- Pewter specular Alzak lower reflector. (CP x .88)
- Custom color lower reflector. Consult factory.

# Mounting Options

Ceiling Panel; with recessed fixture hole. Lays-in 2' x 2' grid.

### Other Options

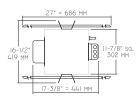
- Special modification. Consult factory.
- -TA Top access: for servicing from above ceiling.



# 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 HRR-06048 HRR-07049

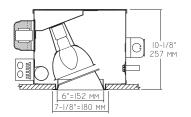
Plan View



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

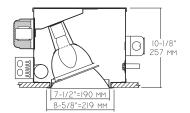
### HRR-06048 150W

LAMP and TRIM ASSEMBLY SHOWN 90° OUT OF POSITION

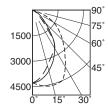


### HRR-07049 150W

LAMP and TRIM ASSEMBLY SHOWN 90° OUT OF POSITION



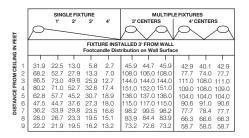
### (Clear Lamp)



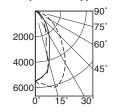
**EFFIC: 47.6%** 

ITL TEST #51240

\*LER = 34.2 •AEC = \$7.01



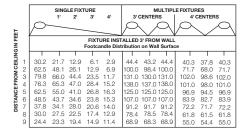
<sup>(</sup>Clear Lamp)



**EFFIC: 47.0%** 

ITL TEST #52263

\*LER = 33.8 •AEC = \$7.10



<sup>\*</sup> LER (Luminaire Efficacy Rating) = Luminaire Effic. x Total Lamp Lumens x Ballast Factor
Input Watts

SUBMITTAL DATA

JOB NAME

TYPE

WATTAGE VOLTAGE

CATALOG NUMBER

APPROVAL STAMP

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