Rece PRODUCT 50 to **IS NO LONGER**

HRR-06048 HRR-07049

Features

Lamp

Socket

Pulse rat

Offset.

Reflectors Upper: S

Lower: I

 Fourteer Lens

UV abso

aluminun

Nickel-pl

- Designe E-lamps ee chart below for standard and optional
- See Opti -43 and chart below for lower HPS availability. 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.
- ease consu

- renged.

Acrylic enameled aluminum.

Through-branch

Acrylic enameled aluminum.

Through-branch

Through-branch

Rustomor Exceeds 1000 bour ASTM 500 and 1000

Entire luminaire erviced from below through removable reflec ors. Built-in plaster fra

Outlet Box

- Prewired 14 GA NEC) galvanized steel, UL able insulated cover.
- 1/2" and 3/4" ki ckouts.

Installation

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

Listings

locations, covered ceilings. ircuit conductors (6 #12).

Warranty

d fixture, including ballast.

glass mo

Per current NE

Wattage / Lamp 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-06048 ED-1	7/Med	150	150	50-125	35-100	100	6.5"
HRR-07049 ED-1	7/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.
- -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

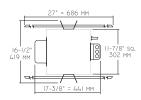
- Special modification. Consult factory.
- -TA Top access: for servicing from above ceiling.



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

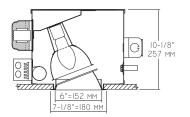
Plan View



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

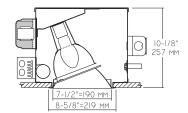
HRR-06048 150W

LAMP and TRIM ASSEMBLY SHOWN 90° OUT OF POSITION

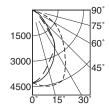


HRR-07049 150W

LAMP and TRIM ASSEMBLY SHOWN 90° OUT OF POSITION



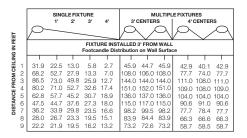
(Clear Lamp)



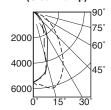
EFFIC: 47.6%

ITL TEST #51240

*LER = 34.2 •AEC = \$7.01



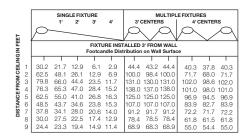
⁽Clear Lamp)



EFFIC: 47.0%

ITL TEST #52263

*LER = 33.8 •AEC = \$7.10



^{*} 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).