

Recessed recessed ceiling  
"Pulse Start" Ellipsoidal  
Downlight: 50 to 400 Watt

11" 400W

**HRR-11035**

# THIS PRODUCT IS NO LONGER AVAILABLE

## PLEASE CONSULT QUOTATIONS

for the best alternative.

### Features

#### Lamp

- Designed for metal halide E-lamps. Consult factory for standard and optional wattages.
- See Option -43 and chart below for lower wattage for HPS availability.

#### Socket

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

#### Reflectors

- Upper: Ellipsoidal specular Alzak® aluminum.
- Lower: Low brightness parabolic specular Alzak aluminum, self-flanged.
- Fourteen optional lower reflector finishes.

#### Lens

- UV absorbing clear tempered glass mounted to upper reflector. Also see Options.

#### Ballast Assembly

- Whisper™ T-4 HV capsule rated 1000 pulse start ballast.

- 50-400 watt: Class H, linear reactor for 277 volt.
- Options -65, -66, -HL; Class H, linear reactor for 277 volt.
- Options -65, -66, -HL; Class H, linear reactor for 277 volt.
- Options -65, -66, -HL; Class H, linear reactor for 277 volt.

- Options -65, -66, -HL; Class H, linear reactor for 277 volt.
- Options -65, -66, -HL; Class H, linear reactor for 277 volt.
- Options -65, -66, -HL; Class H, linear reactor for 277 volt.
- Options -65, -66, -HL; Class H, linear reactor for 277 volt.

- Options -65, -66, -HL; Class H, linear reactor for 277 volt.
- Options -65, -66, -HL; Class H, linear reactor for 277 volt.
- Options -65, -66, -HL; Class H, linear reactor for 277 volt.
- Options -65, -66, -HL; Class H, linear reactor for 277 volt.

- Options -65, -66, -HL; Class H, linear reactor for 277 volt.
- Options -65, -66, -HL; Class H, linear reactor for 277 volt.
- Options -65, -66, -HL; Class H, linear reactor for 277 volt.
- Options -65, -66, -HL; Class H, linear reactor for 277 volt.

- 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

- Standard fixture, including ballast.
- Per current NEC.

### Wattage / Lamp 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-11035	ED-37/Mog	400	400	150-320	150-250	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, Standby, 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. (3700°K standard for metal halide) Consult factory for other color temperatures.
- 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 specular Alzak lower cone. (CP x .95)
- 30 All White lower cone. (CP x .95)
- 31 White flange (only) on lower cone.
- 32 Trim extender. Broadens trim flange O.D. by 1".
- 45 Gasket above lower reflector flange. Stops dust streaks on ceiling.
- 63 Dune specular Alzak lower cone. (CP x .93)
- 69 Wheat specular Alzak lower cone. (CP x .92)
- 70 SofTex Clear etched lower cone. (CP x .92)
- 71 SofTex Dune etched lower cone. (CP x .89)
- 72 Black specular Alzak lower cone. (CP x .77)

- 77 SofTex Pewter etched lower cone. (CP x .85)
- 90 SofTex Champagne Gold etched lower cone. (CP x .90)
- 91 SofTex Wheat etched lower cone. (CP x .88)
- 92 Umber specular Alzak lower cone. (CP x .83)
- 93 Pewter specular Alzak lower cone. (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 flat C#73 glass instead.
- ML UV absorbing tempered Microlux glass instead.

#### Mounting Options

- 79 Extension collar for up to 2" thick ceilings.

#### Other Options

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

