

High Efficiency Ellipsoidal  
"Pulse Start" Lensed  
Downlight: 50 to 175 Watt



**HRR-06201**

# THIS PRODUCT IS NO LONGER AVAILABLE

Please consult QUOTATIONS for the best alternative.

**Features**

**Lamp**

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

**Socket**

- Pulse rated. Silicone leads. Porcelain.
- E-lamp: Nickel plated brass screw base. Vertical.

**Reflectors**

- Upper: Ellipsoidal specular Alzak® aluminum.
- Lower: High efficiency parabolic specular Alzak aluminum, self-flanged.
- Fourteen optional lower reflector choices.

**Lens**

- UV absorbing tempered MicroLux glass mounted to upper reflector. Also see options.

**Ballast Assembly: Specify Voltage**

- WhisperPuck™ fully encapsulated 180°C rated HPS pulse start ballast.

- 50-100 watt. Class H, high reactance for 120 volt, Options -65, -66; reactor for 277 volt.
- 175 watt: Super CWA for 120 volt and Options -65, -66, -HL; Class H, linear reactor for 277 volt.
- Capacitor and igniter supplied.
- Electronic (-30° range) electronic ballast available. See Options.
- Cool, quiet, long-life. Silicone leads.
- Finish: Clear, white, or color. See Options.
- Includes gasket and trim flange.
- Fused primary. Renewable. Not for 480 volt.
- Rustproof: Exceeds 1000 hour ASTM 5% salt spray test.

- Entire luminaire serviced from below through removable reflectors.
- Built-in plaster frame.
- **Outlet Box**
- Prewired 14 Gauge (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**
- UL, C-UL (Canada) listed.
- Through-branch circuit conductors (6 #12).
- **Limited Warranty**
- Non-refundable 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 Diameter
		Pulse MH	-24 (HPS)	Pulse MH	-24 (HPS)		
HRR-06201	ED-17/Med	175	150	50-150	35-100	100	6.5"

**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 or above.

**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. Consult factory for 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 specular Alzak 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.
- 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 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.
- 28 UV absorbing clear tempered glass instead.

**Mounting Options**

- 79 Extension collar for up to 2" thick ceilings.
- 82 Sloped ceiling adapter, with mounting hardware. Specify 5° increments up to 30°.

**Other Options**

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

