

Recessed Lensed T-6 Bi-Pin & E-Lamp Downlights. 50 to 150 Watt

THIS PRODUCT IS NO LONGER AVAILABLE

Please consult QUOTATIONS

for the best alternative.

Features

Lamp

- Designed for medium base metal halide T-6 bi-pin or 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. Standard leads.

Reflectors

- Upper: Ellipsoidal or parabolic specular Alzak® aluminum.
- Lower: SoftTex softly etched pewter or black aluminum. Self-flanged. Gasketed.

Lens

- UV absorbing clear tempered glass mounted to upper reflector.
- HRS-04160 only: Tempered Microlux glass.

Ballast Assembly: Specialty Voltage

- Class H, high reactance for 120 volt, linear reactor for 277 volt.
- Capacitor and ignitor supplied.
- Dimming (-39) and electronic (-96) ballasts available. See Options.
- Cool: Dissipates heat across entire surface and is protected from moisture.

Fuse

- 50-150 watt: Class H, high reactance for 120 volt, linear reactor for 277 volt.

Hot Surface

- Acrylic chamfered aluminum.
- Exceeds 1000 hr. of thermal shock spray test.

150W
4" 100W

HRS-04160
HRS-04161

- Entire luminaire serviced from below through removable reflector.
- Built-in plaster name.

Outlet Box

- Rewired 14 GA (NEC) galvanized steel, UL listed; with removable insulated cover.
- 1/2" and 3/4" knockout.

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.
- 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
		Pulse MH	-24 (HPS)	Pulse MH	-24 (HPS)		
HRS-04160	T-6/G12/Bi-pin	150	—	39-70	—	100	5.25" Sq.
HRS-04161	ED-17/Med	100	100	50-70	35-70	75	5.25" Sq.

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.

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. 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.
- LP With lamp. Specify source, wattage, color temperature, and clear or coated. (3700°K standard for 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 specular Alzak lower reflector. (CP x 1.10)
- 30 All White lower reflector. (CP x 1.10)
- 31 White flange (only) on lower reflector.
- 32 Trim extender. Broadens trim flange O.D. by 1".
- 45 Gasket above reflector flange for HRS-06162.
- 62 Clear specular Alzak lower reflector. (CP x 1.16)
- 63 Dune specular Alzak lower reflector. (CP x 1.08)
- 69 Wheat specular Alzak lower reflector. (CP x 1.07)
- 71 SoftTex Dune etched lower reflector. (CP x .97)
- 72 Black specular Alzak lower reflector. (CP x .89)
- 77 SoftTex Pewter etched lower reflector. (CP x .92)

- 90 SoftTex Champagne Gold lower reflector. (CP x .97)
- 91 SoftTex Wheat etched lower reflector. (CP x .95)
- 92 Umber specular Alzak lower reflector. (CP x .96)
- 93 Pewter specular Alzak lower reflector. (CP x 1.02)
- 94 Custom color lower reflector instead. Consult factory.

Lenses

- 15 Prismatic C#73 flat glass lens instead.
- 28 UV absorbing clear tempered glass instead. (Standard for HRS-04161)
- ML UV absorbing tempered Microlux glass instead. (Standard for HRS-04160)

Mounting Options

- 79 Extension collar for up to 2" thick ceilings.
- 85 Ceiling Panel; with recessed fixture hole. Lays-in 2' x 2' grid. White.

Other Options

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

