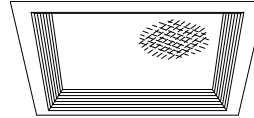


Recessed Lensed E-Lamp Downlight and Offset Downlight: 50 to 200 Watt



11" 200W **HRS-11180**
11" 200W **HRS-11181**

Features

Lamp

- Designed for mogul base metal halide T-15 or E-lamps. See chart for standard and optional wattages.
- See Option -43 and chart for lower wattage or HPS availability.

Socket

- Horizontal. Mogul base. Pulse rated. Glazed porcelain. HRS-11181: Offset horizontal.
- Nickel-plated brass screw shell. Silicone leads.

Reflector

- GlasSurfaced™ multi-faceted specular aluminum.

Trim Assembly

- Tapered black OptiGroove with self-flanged white trim.
- UV absorbing tempered prismatic low brightness flat glass lens.
- Optional trims and lenses available.

Ballast Assembly: Specify Voltage

- WhisperPack™ fully encapsulated 180°C rated HPF pulse start ballast.
- 50-150 watt: Class H, high reactance for 120 volt and Options -65, -66; linear reactor for 277 volt.
- 175-200 watt: Super CWA for 120 volt and Options -65, -66, -HL; Class H, linear reactor for 277 volt.
- Capacitor and ignitor supplied.
- Dimming (-39) and electronic (-96) ballasts available. See Options.
- Cool, quiet, long-life. Silicone leads.
- Visible and easily serviced in all ceilings including dry wall.

Fuse

- Fused primary. Renewable. Not for 480 volt.

Housing

- Acrylic enameled aluminum. Ventilated.
- Cool: Dissipates heat across entire surface.

- Rustproof: Exceeds 1000 hour ASTM 5% salt spray test.
- Entire luminaire serviced through removable trim assembly.
- 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

- Complete 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 |
|-------------|----------------|------------------|-----------|---------------------------|-----------|-------------------------------------|-----------------|
| | | Pulse MH | -24 (HPS) | Pulse MH | -24 (HPS) | | |
| HRS-11180 | T-15/ED-28/Mog | 200 (T-15) | 150 | 50-150 | 50-100 | 100 | 12.25" Sq. |
| HRS-11181 | T-15/ED-28/Mog | 200 (T-15) | 150 | 50-150 | 50-100 | 100 | 12.25" 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. 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. 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.
- HL Hi-Lo wiring modification for use with external relay systems (by others). 175 watt or above. Specify system separately.
- 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.

Lenses and Trims

- 32 Trim extender. Broadens trim flange O.D. by 1" to cover larger ceiling opening.
- 40 White grooveless flare trim assembly instead.
- 45 Gasket between trim and ceiling.
- 46 Gasket between trim and lens.
- 94 Custom color trim assembly. Consult factory.
- FR Fresnel tempered lens instead.

Mounting Options

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

Other Options

- 99 Special modification. Consult factory.

