## Surface Lensed E-Lamp Downlight : 150 to 400 Watt



## Features

## Lamp

- Designed for mogul base metal halide E-lamps.

See chart below for available wattages.

- See Option -43 and chart below for lower wattage or HPS availability.
Socket
- Pulse rated. Nickel-plated brass screw shell. Silicone leads. Glazed porcelain.
- Horizontal.

Reflector

- GlasSurfaced ${ }^{\text {TM }}$ clear specular aluminum.

Trim Assembly

- UV absorbing tempered low brightness prismatic flat glass.
- Rustfree die-formed door and captive thumb screw(s). Concealed hinges.
- Beveled cast aluminum frame tooled to
ensure close fit with door. White acrylic finish.
Ballast Assembly: Specify Voltage
- WhisperPack ${ }^{\text {™ }}$ fully encapsulated $180^{\circ} \mathrm{C}$ rated HPF pulse start ballast.
- 150 watt: Class H, high reactance for 120 volt, linear reactor for 277 volt.
- 175-400 watt: CWA for 120 volt and Options -65, -66, -HL; Class H, reactor for 277 volt.
- Capacitor and ignitor supplied.
- Dimming (-39) and electronic (-96) ballasts available. See Options.
- Cool, quiet, long-life. Silicone leads.

Fuse

- Fused primary. Renewable. Not for 480 volt. Housing
- Tempered, rigid rustproof aluminum:

Exceeds 1000 hour ASTM 5\% salt spray test.

- Cool: Dissipates heat across entire surface.
- No visible housing hardware.

Installation

- Center point mounting with snug fit to ceiling. Mounting hardware furnished.
- Indoor or outdoor for covered ceiling use. (See Option -89)
- Collar for mounting beneath surface outlet box available. (Option -80)
- Pendant mount available. (Option -PM)
- Wall bracket mount available. (Option -WB)

UL, C-UL (Canada) Listings

- Wet, damp or dry locations, covered ceilings. (See Option -89)
Three Year Limited Warranty
- Complete standard fixture, including ballast.

Wattage Availability

| Catalog No. Lamp/Base | Stan Pulse MH | attage $-24 \text { (HPS) }$ | Option Pulse MH | Wattage -24(HPS) | Max. Standby Wattage (-49-65-66-LS) | Fixture Style |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| HSS-20190 ED-37/Mog | 400 | 400 | 150-350 | 150-250 | 250 | Downlight |

## Options

## Sources and Ballasts

-24 HPS ballast instead. See wattage chart above for available wattages. Specify voltage.
-39 Remote (10' max.) electronic dimming ballast instead, for pulse start metal halide. Consult factory for wattage and voltage availability.
-96 Remote (15' max.) electronic MH ballast instead. Consult factory for availability in 175W or above, or for internal mounting.

## Wattage and Voltage

-43 Lower wattage: See Option -43 chart above for available lower wattages. Specify voltage.
-120120 volt, 60 Hz . ballast.
-277 277 volt, 60 Hz . ballast.
-347347 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.
$-H L \quad H i-L o$ 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. $\left(3700^{\circ} \mathrm{K}\right.$ standard for metal halide)
-LS With T-4 DCB tungsten halogen standby lamp. Use only with Options -49, -65 or -66.

## Lenses and Trims

-26 Tamperproof trim. One key / ten fixtures. See Option -27.
-27 Clear $1 / 4^{\prime \prime}$ tempered glass beneath tempered prismatic C\#73 flat glass lens for vandal resistance. Also see Option -26.
-42 Drop polycarbonate prismatic lens instead.
-46 Gasket between trim and lens.
-DG Drop Guard with tempered flat prismatic glass. Galvanized steel. White acrylic finish.
-TC Teflon coated safety lens; retains glass particles in

## Luminaire (Housing) Finishes

-35 Natural Aluminum enameled luminaire finish.
-36 Gold enameled luminaire finish instead.
-37 Dark Bronze enameled luminaire finish instead.
-38 Black enameled luminaire finish instead.
-94 Custom color luminaire finish. Consult factory.

## Mounting Options

-54 Safety cable through pendant stem. 12" longer than specified stem length. Anchored to fixture. Use with Option -PM.
-80 2" white extension collar for surface outlet box. Also see Option -89.
-87 Custom -PM length. Specify up to 4 feet or consult factory for longer lengths with couplers.
-88 Swivel canopy for sloped ceilings up to $45^{\circ}$. Earthquake rated. Use with Option -PM.
-89 Sealed top feature prevents moisture and insect intrusion from above in outdoor or high humidity areas. Must add to Options -80, -PM or -WB for Wet Label listing.
-PM Pendant mount instead. 3/8" T.S. $\times 18^{\prime \prime}$ standard. Also see Options -54, -87, -88, -89.

## Other Options

-99 Special modification. Consult factory.


