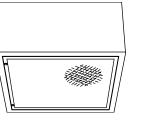
KIRLIN lighting since 1895

Surface Lensed E-Lamp Downlight : 150 to 400 Watt



400W HSS-20190

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.

- GlasSurfaced[™] 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[™] fully encapsulated 180°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
- 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

20"

- 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

U	Lamp/Base		d Wattage -24 (HPS)	Option -43: Lo Pulse MH	ower 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.
- -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. Electronic time delay standby system and DCB
- -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

- -26 Tamperproof trim. One key / ten fixtures. See Option -27.
- -27 Clear 1/4" 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 p
 - Drop Guard with tempered flat prismatic glass. Galvanized steel. White acrylic finish.
- -TC Teflon coated safety lens; retains glass particles in event of breakage.

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°.
- -88 Swivel canopy for sloped ceilings up to 45°. 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. x 18" standard. Also see Options -54, -87, -88, -89.

Other Options

-99 Special modification. Consult factory.

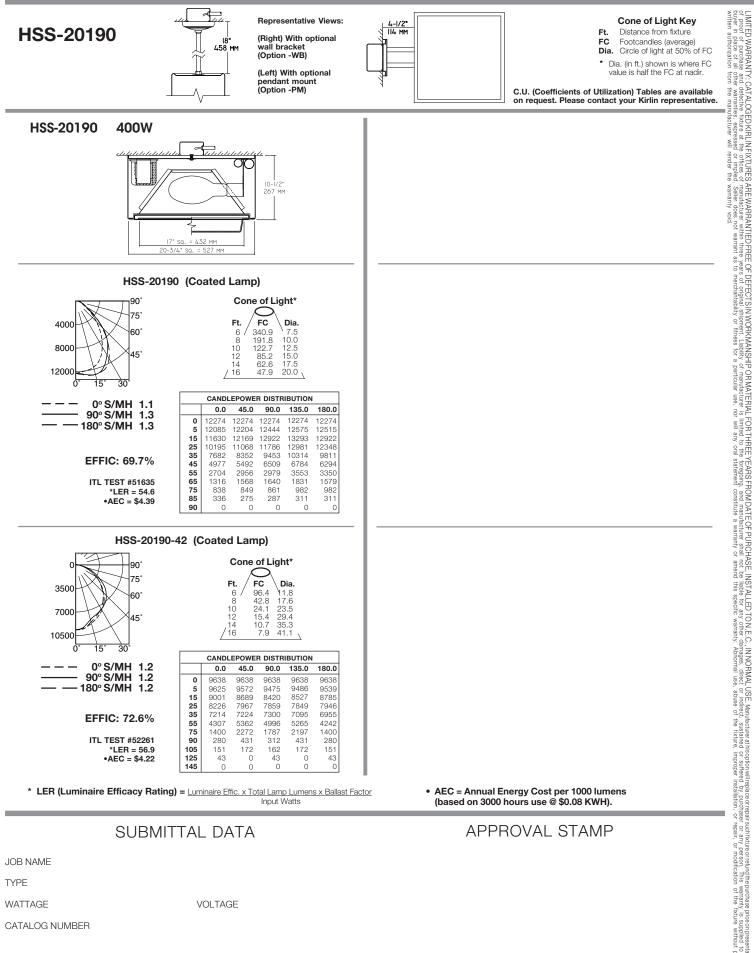


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KIRLIN lighting since 1895

Performance at a Glance



PS MET HALIDE REV MAY 2012

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