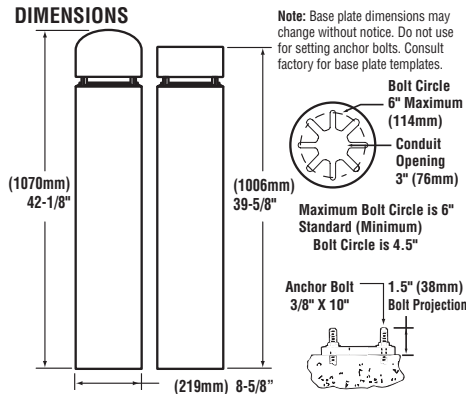


LSI GREENLEE HYPERION SERIES



DIMENSIONS



LAMP TYPE: Standard or Ceramic Metal Halide

HOUSING: One-piece, heavy-walled, extruded aluminum, .322" thick for vandal resistance.

CROWN ASSEMBLY: Flat or domed, heavy cast aluminum. For added security against vandals, crown attaches to lower housing with four captive, concealed 1/4" x 20 Allen-head screws.

LENS: One-piece, heavy-walled borosilicate lens is recessed .764" and protected by three cast ribs for vandal resistance. Exposed portion of the lens is only .671" tall.

OPTICS: Patented OptX™ optical assembly uses Constructive Occlusion® technology. A precisely positioned clear lamp in a Cavity and Fan™ assembly projects radiant energy into selective zones. Proprietary coating on the cavity is 96% reflective.

BALLAST: High Power Factor, multi-tap ballast designed for -20°F operation is standard. Universal electronic ballast for 120-277V, 50 or 60 HZ operation is available.

LAMPHOLDER: Matched to lamp. Glazed porcelain, medium base, 4KV pulse rated with spring center contact.

ANCHOR BOLTS: Anchor bolts are 3/8" x 10" heavy-duty galvanized steel. Four (4) are furnished.

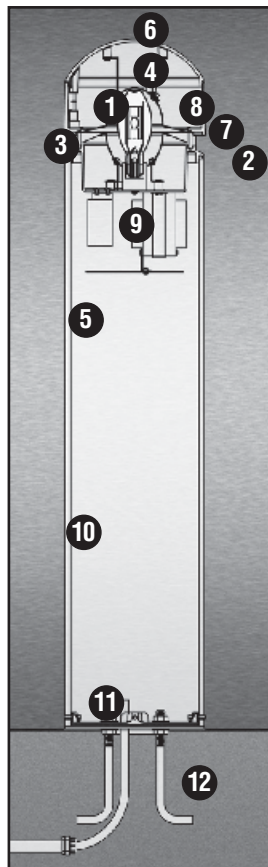
FINISH: Each fixture is finished with LSI's DuraGrip® polyester powder coat finishing process. The DuraGrip finish withstands extreme weather changes without cracking or peeling, and is guaranteed for five full years. Standard colors include bronze, black, platinum plus, white, graphite, satin verde green, and metallic silver.

EXTRA VALUE FEATURES:

- Unique OptX™ optical assembly
- Tailored, uniform distribution over greater distances.
- Increased spacing between luminaires
- Vandal Resistant Aperture
- Heavy Duty Construction
- Premium Materials



ARRA
Funding Compliant



Bollards are subjected to extreme environments – from severe weather to pedestrian wear-and-tear, and senseless vandalism. The Hyperion Bollard Series was designed with this harsh reality in mind, and that's why its materials are of the highest quality, ruggedly durable, and feature superior vandal resistant construction.

- 1 OPTICS** – OptX optics are the heart of this luminaire. A clear lamp is precisely positioned in a highly engineered, and patented, Cavity and Fan assembly that functions like an integrating sphere. Known as Constructive Occlusion technology, this sphere uses a proprietary internal coating that realizes 96% reflectance. The lamp's radiant energy is distributed by this finely tuned, reflective surface to desired zones.
- 2 VANDAL RESISTANT APERTURE** – Hyperion features the narrowest aperture of any bollard on the market, a mere 1.167" wide, which gives the luminaire a sleek and elegant appearance while minimizing the target area available to vandals.
- 3 VANDAL RESISTANT LENS** – The one-piece, heavy-walled borosilicate lens is recessed a full .764" and protected by three cast ribs. The exposed portion of the lens is only .671" tall. These design features and premium materials provide superior vandal resistance.
- 4 LAMPS** – Standard and Ceramic Metal Halide
- 5 HEAVY-WALL HOUSING** – One-piece, heavy-wall extruded aluminum, .322" thick for vandal resistance.
- 6 CROWN** – Flat or domed heavy-wall cast aluminum. One-piece castings provide for greater impact strength.
- 7 CONCEALED ACCESS** – Added security against vandals, crown attaches to lower housing with four captive, concealed 1/4" x 20 Allen-head screws.
- 8 SEALING AND GASKETS** – Silicone gaskets and seals ensure Hyperion is as dependable as it is rugged.
- 9 BALLASTS** – Standard ballast is high power factor, designed for -20° operation. Universal electronic ballast available.
- 10 FINISHES** – Metallic Silver, Satin Verde Green, Black, Bronze, White, Buff, Graphite or Platinum Plus polyester powder coating.
- 11 MOUNTING BASE** – Extra thick, 1/2" cast aluminum /magnesium (chromate converted and powder coat finished in black standard). Base is corrosion resistant.
- 12 ANCHOR BOLTS** – 3/8" x 10" heavy-duty galvanized steel; four (4) furnished.



Project Name _____ Fixture Type _____
Catalog # _____

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LSI GREENLEE HYPERION SERIES

LUMINAIRE ORDERING INFORMATION



TYPICAL ORDER EXAMPLE: **HYPR 100MH MT OPTX MSV FT H42 PC120**

Luminaire Prefix	Wattage/Lamp Type ¹	Line Voltage	Optics	Luminaire Finish	Top	Height ³	Options
HYPR	50, 70, 100 CMH/Med E-17 Medium Base Metal Halide Ceramic Arc Tube	480 ²	OptX [®]	BRZ – Bronze BLK – Black PLP – Platinum Plus BUF – Buff WHT – White SVG – Satin Verde Green GPT – Graphite MSV – Metallic Silver	FT – Flat Top DT – Dome Top	H42	PC120 – 120 Volt Photocell PCHV – 208- 277V Photocell PC347 – 347V Photocell GFR – Ground-Fault Receptacle LPC – BLK Lens Protector casting painted black LL – Less Lamp LAB – Less Anchor Bolts
	39, 70 CMH/T6 T-6 Ceramic Metal Halide with G12 Bi-pin base	MT – Multi Tap TT – Tri-Tap UE – Universal Electronic (120-277V 50/60Hz) 347 (60Hz)					<div> Accessories HSS – House Side Shield ⁴ </div>

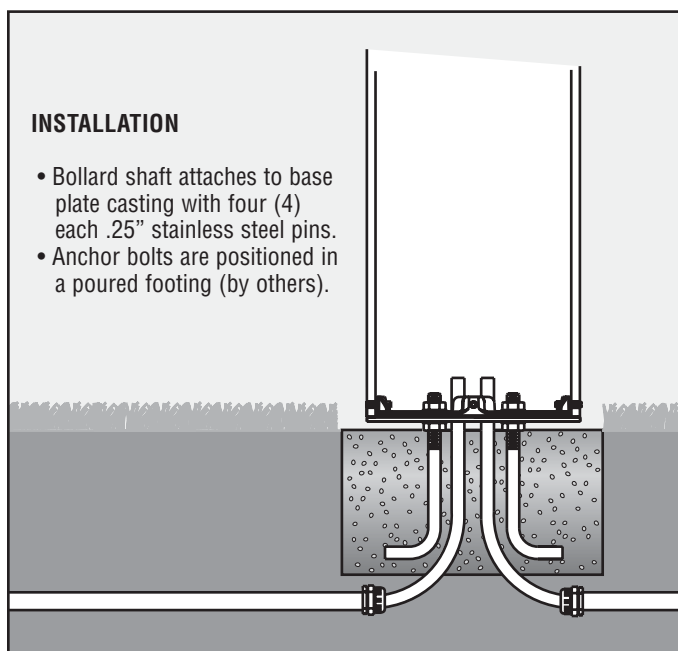
MT – Multi Tap consists of 120V, 208V, 240V and 277V and is prepared for highest voltage. Alternate voltages will require field adjustment.
TT – Tri-Tap consists of 120V, 277V and 347V and is shipped standard for Canadian applications and is prepared for highest voltage. Alternate voltages will require field adjustment.

**Consult Factory
for International
Voltages**

FOOTNOTES:

1. All Hyperion Bollards are shipped with lamps installed and 38" leads to facilitate wiring.
2. 480 volt Magnetic Ballast is available for 70 and 100 Watt Metal Halide only.
3. Nominal standard height is 42". Non-Standard heights are available in 6" increments. Minimum height is 18"
4. House Side Shield provides 180° shielding. Maximum fixture rating with HSS is 70 watts. HSS is NOT available for 100 watt fixtures.

BASE DETAIL ALUMINUM SHAFT



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