

FEATURES & SPECIFICATIONS

INTENDED USE — Streets, walkways, parking lots and surrounding areas.

CONSTRUCTION — Rugged, die-cast, single-piece aluminum housing with nominal wall thickness of 1/8". Die-cast, top-access doorframe has impact-resistant, tempered, glass lens (3/16" thick). Doorframe is fully gasketed with one-piece tubular silicone. U.S. Patent No. 553,779.

FINISH — Standard finish is dark bronze corrosion-resistant polyester powder finish. Other architectural colors are available; see www.lithonia.com/archcolors.

OPTICS — Non-rotatable reflector. Discharge vessel/lamp: glass bulb that contains a mixture of low-pressure mercury vapor and inert buffer gas. The wall of the lamp is coated with a fluorescent powder that produces light at 3500K and an 80+ CRI.

ELECTRICAL — High-frequency generator supplies high-frequency power to the discharge vessel (lamp) to initiate and maintain a gas discharge for a rated 100,000 hours of life. The current travels through coils on the lamp in the ICETRON® system* to create the magnetic (inductive) field. Suitable for ambient temperatures ranging from -40° to 20°C. One 120V generator. 3500K lamp.

*ICETRON is a registered trademark of OSRAM® SYLVANIA®.

INSTALLATION — Post top mounts to a 4" OD open pole top (round pole only).

LISTINGS — Listed and labeled to UL standards for wet locations. Listed and labeled to CSA standards (see Options). NOM Certified (see Options). Optical chamber is IP65 rated.

Catalog Number
Notes
Type



Architectural Area & Roadway Lighting

MRP

INDUCTION 100W
10' to 20" Mounting

Specifications

Fixture height: 6-3/8 (16.2)

Overall height: 32 (81.3)

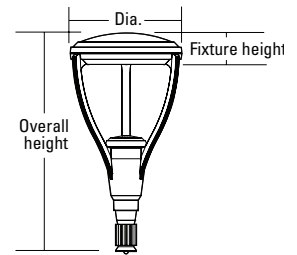
Dia: 18 (45.7)

*Weight: 25 lbs (11.34 kg)

EPA: 1.125 ft²

All dimensions are inches (centimeters) unless otherwise specified.

*Weight as configured in example below.



ORDERING INFORMATION

Lead times will vary depending on options selected. Consult with your sales representative.

Example: MR1 100IL MVOLT LPI

MRP	100IL	MVOLT				LPI
Series	Wattage	Voltage	Mounting	Options	Finish ⁶	Lamp ⁷
MRP	Induction 100IL	MVOLT ¹	<u>Shipped included</u> (blank) 4" round open-top pole <u>Optional mounting, shipped separately^{2,3}</u> MRPT20 MRP tenon slipfitter for 2-3/8" tenon MRPT25 MRP tenon slipfitter for 2-7/8" tenon MRPT30 MRP tenon slipfitter for 3-1/2" tenon MRPT35 MRP tenon slipfitter for 4" tenon MRPF3 MRP pole adaptor for 3" round, open-top pole MRPF5 MRP pole adaptor for 5" round, open-top pole ⁴	<u>Shipped installed in fixture</u> PER NEMA twist-lock receptacle only (no photocell) CSA Listed and labeled to comply with Canadian Standards NOM NOM certified ⁵ <u>Shipped separately²</u> PE1 NEMA twist-lock PE (120, 208, 240V) PE7 NEMA twist-lock PE (277V) SC Shorting cap for PER option	(blank) Dark bronze DBL Black DGC Charcoal gray DWH White DMB Medium bronze DNA Natural aluminum CR Corrosion-resistant finish CR Non-stick protective coating	LPI Lamp included

Notes

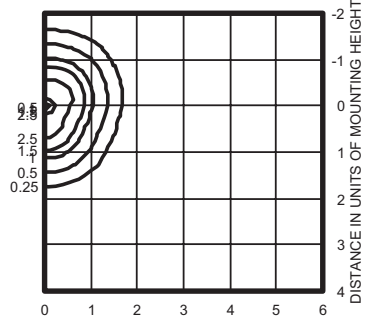
- Multi-volt electronic ballast capable of operating on any line voltage from 120 to 277V.
- May be ordered as an accessory.
- Must specify finish when ordered as an accessory.
- Maximum wall thickness is 0.156".
- Consult factory for availability.
- See www.lithonia.com/archcolors for additional color options.
- Must be specified.

MRP Omero™ Post Top, Induction Lighting

MRP 100IL

TEST NO: LTL15732

ISOILLUMINANCE PLOT (Footcandle)



100W lamp, rated 8000 lumens.

Footcandle values based on 20' mounting height.

Classification: Unclassified (Type II, Very Short), Cutoff

Notes

- 1 Photometric data for other distributions can be accessed from the Lithonia Lighting web site (www.lithonia.com).
- 2 For electrical characteristics consult outdoor technical data specification sheets on www.lithonia.com.
- 3 Tested to current IESNA and NEMA standards under stabilized laboratory conditions. Various operating factors can cause differences between laboratory and actual field measurements. Dimensions and specifications are based on the most current data and are subject to change.