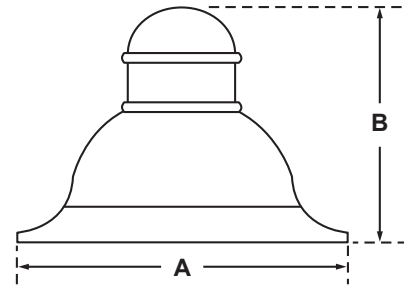


Monterey - Roadway INDUCTION

Project Name	Type
Catalog Number	



Dimensional Drawings



Fixture	A	B	Max. Watts	Lbs
MON-1-I	20"	17.6"	85 W	40
MON-2-I	30"	24"	165 W	55

The **Monterey - Roadway** blends decorative architectural styling with high-performance optics. The unique design features a bell shape and choice of elegant mounting arms.

The patented Vision™ Reflector System provides highly-efficient, vertical lamp, flat lens, full cutoff illumination for neighborhood-friendly, Dark-Sky approved outdoor lighting.

Available in two enclosure sizes in three distribution patterns. A wide selection of Induction light sources from 35 through 165 watts are offered.

For economical street beautification projects, Monterey easily replaces ordinary cobra head fixtures using the MAP-01 mast arm fitter.

The **Monterey - Roadway** provides the reliability of Induction lighting with specifically-designed and patented roadway optics; providing a cost-effective path towards energy independence.

The **Monterey - Roadway** is Dark-Sky certified to restrict light trespass, glare and light pollution for neighborhood-friendly roadway lighting.

Model	Optics	Wattage	Source	Kelvin	Voltage	Mounting	Finish	Options
MON-1-I	Type IIR (T2R) 	Globe 35 (35G)	IND (IND)	3000K (3K)	120 (1)	Mast Arm Fitter <small>*Designed to slip over 2 3/8" O.D. mast arm</small> (MAP-01)	Bronze (BZ)	Photocell & Receptacle <small>*Specify voltage</small> (PC120) (PC208) (PC240) (PC277) Photocell Receptacle <small>*w/shorting cap</small> (PER) Internal Light Shield (ILS)
	Type IIIR (T3R) 	55 (55G)		5000K (5K)	208 (2)		Black (BK)	
		85 (85G)			240 (3)		White (WH)	
MON-2-I	Type V (T5) 	Globe 100 (100G)			277 (4)		Forest Green (FG)	
		120 (120G)			480 <small>*Includes step-down transformer</small> (5)		Silver Metallic (SL)	
		165 (165G)			347 <small>*Includes step-down transformer</small> (8)		Weathered Brown (WB) Custom Color (CC)	

IND - Induction

For more detailed information on mounting, wiring or installation instructions, please consult factory. If poles are not ordered with fixtures, please specify mounting requirements. This document contains proprietary information of Visionaire Lighting, LLC. Any use of this information requires the written approval of Visionaire Lighting, LLC. In keeping with our TQM policy of continuous improvement, Visionaire reserves the right to change any specifications contained herein without prior notice.



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Housing

- Quality one-piece spun aluminum shade and durable cast aluminum top cap in two housing sizes. External hardware is stainless steel.

Lens and Door Assembly

- One-piece, spun aluminum, removable door assembly.
- Lens is clear, tempered flat glass, secured by galvanized lens retainers. Fully gasketed with a form fitting, one-piece premium extruded silicone gasket to provide complete weather and insect protection.

Vision™ Optical System

- High-performance vertical lamp, multifaceted, full cutoff, segmented, 95% reflectance anodized aluminum reflectors. Computer numerical control (CNC) cut and bent for manufacturing precision and consistency. Available in three IES distribution patterns. Field rotatable reflector (except Type V).
- Tool-less reflector entry.
- Lamp life expectancy is expected to be over twenty plus (20+) years (100,000 hours).

Quali-Guard® Finish

- Aluminum fixture components are chemically pretreated through a multiple stage washer and finished with an electrostatically applied, thermoset polyester powder coat textured paint with a minimum of 3 to 5 mils thickness. Finish is oven baked at a temperature of 400 °F to promote maximum adherence and finish hardness. All finishes are available in standard and custom colors.
- Finish is guaranteed for two (2) years.

Mounting

- **Monterey - Roadway** can replace existing cobra head fixtures with accessory MAP-01 Mast Arm Fitter for mast arms.

Electrical Assembly

- Generator mounted to removable tray.
- Supplied with generator that accepts 120 V thru 277 V, 50 Hz to 60 Hz, input. Power factor of 90%. Rated for -20 °F operations.
- Modular Quick Disconnect supplied to the lamp for ease of installation and maintenance.

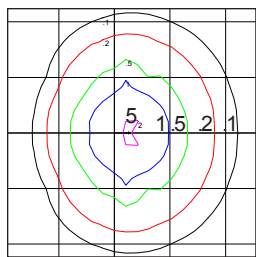
Options

- Photocell & receptacle (located in mast arm fitter).
- Photocell receptacle.
- Internal light shield.

Listings

- **Monterey - Roadway** is  listed, suitable for wet locations.
- Dark-Sky Friendly®, full cutoff certified by the International Dark-Sky Association.
- Powder Coated Tough™ 
- Vision™ Reflector System (U.S. Patent No. 7,213,948).

Isolux Curve



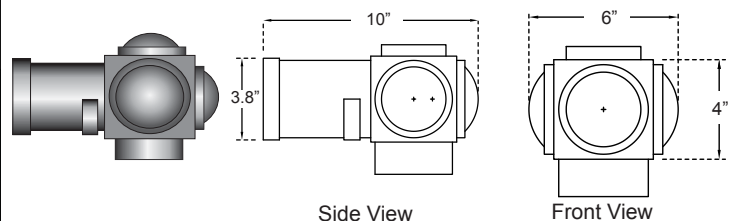
**MONTEREY-2
ISOLUX CURVE**
TYPE III R
INDUCTION OPTICS
100 WATTS

Scale: 1 Square = 28 ft
Initial Light Loss Factor = 1.00
Mounting Height = 28 ft
Arm Length = 6 ft
Arrangement: Single

EPA Data

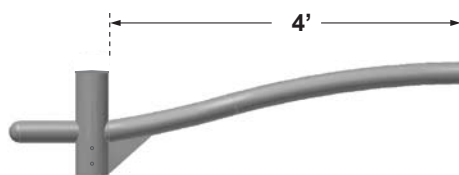
Fixture	Fixture only	One Fixture w/ TNS101-S1	Two Fixtures w/ TNS101-D2
MON-1-I	1.2	2.7	4.6
MON-2-I	2.6	4.1	7.4

MAP-01 Mast Arm Fitter Dimensions

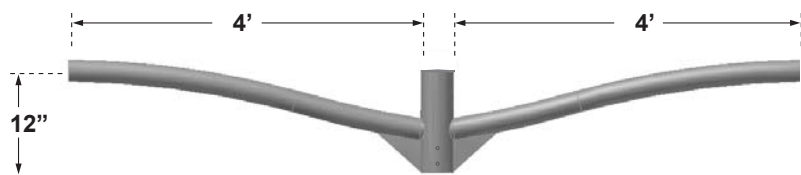


*The MAP-01 is designed to slip over 2 3/4" O.D. mast arm

Typical Mounting Arms



TNS101-S1 EPA: 1.5



TNS101-D2 EPA: 2.2