



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 doorframe has impact-resistant, tempered, glass lens (3/16" thick). Doorframe is fully gasketed with one-piece tubular silicone.

FINISH

Standard finish is dark bronze (DDB) corrosion-resistant polyester powder finish, with other architectural colors available.

OPTICAL SYSTEM

MIRO finish, segmented reflectors for superior uniformity and control. Reflectors attach with tool-less fastener and are rotatable and interchangeable. Five full cutoff distributions available: Type II (roadway), Type III (asymmetric), Type IV (forward throw), Type IV (forward throw sharp cutoff) and Type V (symmetric square).

ELECTRICAL SYSTEM

Ballast is a constant-wattage autotransformer standard. 200W, 320W and 350W require Super SCWA Pulse Start ballast (must order SCWA option). All ballasts are mounted on a removable power tray. Ballasts are copper-wound and 100% factory-tested. Porcelain, mogul-based socket with copper alloy, nickel-plated screw shell and center contact.

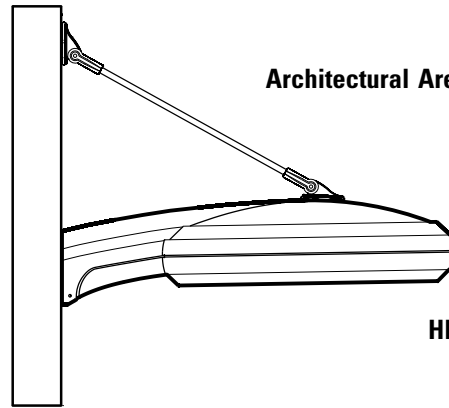
INSTALLATION

Additional backing plate and receiver used to mount tension rod.

LISTING

Listed and labeled to UL standards for wet locations. Listed and labeled to CSA standards (see Options). NOM Certified (see Options). IP65 Rated.

Catalog Number	
Notes	Type



Architectural Area & Roadway Lighting

MRT2

**METAL HALIDE
HIGH PRESSURE SODIUM**
200W-400W

Specifications

Length: 32.875" (83.5025cm)

Diameter: 25" (63.5cm)

Overall Height: 8.25" (20.955cm)

Max. Weight: 46 lbs. (20.9 kg)

EPA: 0.914

All dimensions are inches (centimeters) unless otherwise specified.

ORDERING INFORMATION

Choose the boldface catalog nomenclature that best suits your needs and write it on the appropriate line.

Example: **MRT2 400M SR3 TB LPI**

MRT2

Series	Voltage	Ballast	Options	Lamp ¹²
MRT2	120	<u>Metal halide and highpressure sodium</u>	<u>Shipped installed in fixture</u>	LPI Lamp included
Wattage	208³	(blank) Standard magnetic ballast	SF Single fuse (120, 277, 347V) ^{8,9}	L/LP Less lamp
<u>Metal halide</u>	240³	CWI Constant wattage isolated ⁶	DF Double fuse (208, 240, 480V) ^{8,9}	
200M¹	277	<u>Pulse-start metal halide</u>	PER NEMA twist-lock receptacle only (no photocontrol)	
250M	347	SCWA Super CWA ballast	CR Corrosion-resistant finish (epoxy clear coat over paint)	
320M¹	480³	LLRPSL Low-loss reactor pulse start	QRS Quartz restrike system ^{8,10}	
350M^{1,2}	TB⁴		HS Houseside shield (SR2, SR3)	
400M^{1,2}	TBV⁵		EC Emergency circuit ¹⁰	
<u>High pressure sodium</u>			TP Tamper-proof	
200S	Distribution	Mounting	CSA Listed and labeled to Canadian safety standards	
250S	SR2 Segmented Type II roadway	SPA Square pole mounting (std.)	NOM NOM Certified	
400S	SR3 Segmented Type III asymmetric	RPA Round pole mounting	<u>Shipped separately¹¹</u>	
	SR4SC Segmented Type IV forward throw, sharp cutoff	WBA Wall bracket (up or down) ⁷	PE1 NEMA twist-lock PE (120, 208, 240V)	
	SR4W Segmented Type IV wide, forward throw		PE3 NEMA twist-lock PE (347V)	
	SR5S Segmented Type V symmetric square		PE4 NEMA twist-lock PE (480V)	
			PE7 NEMA twist-lock PE (277V)	
			SC Shorting cap for PER option	
			MR2VG Vandal guard	

NOTES:

- 1 Must order with SCWA.
- 2 Must use reduced jacket lamp ED28.
- 3 Consult factory for availability in Canada.
- 4 Optional multi-tap ballast (120, 208, 240, 277V; 120, 277, 347V in Canada).
- 5 Optional penta-tap ballast (120, 208, 240, 277, 480V; not available in Canada). 175W metal halide only.
- 6 Isolated two-coil system meets Canadian electrical code requirements for 208V, 240V and 480V applications.
- 7 Mounted in lens up orientation, fixture is damp location rated.
- 8 Must specify voltage. Not available with TB or TBV.
- 9 SF, DF or QRS cannot be ordered together.
- 10 Lamp by others.
- 11 Can be ordered as an accessory.
- 12 Must be specified.

When ordering poles, specify the appropriate drilling pattern. See below example.

Example: **SSA 20 4C DM19MRT2**
DM19MRT2 1 at 90 degrees
DM28MRT2 2 at 180 degrees
DM29MRT2 2 at 90 degrees
DM39MRT2 3 at 90 degrees
DM49MRT2 4 at 90 degrees
DM32MRT2 3 at 120 degrees (round poles only)



Consistent with LEED® goals
& Green Globes™ criteria
for light pollution reduction