



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.

LISTING

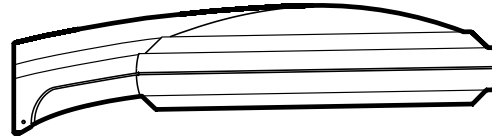
Listed and labeled to UL standards for wet locations. Listed and labeled to CSA standards (see Options). NOM Certified (see Options). IP65 Rated.

Catalog Number	
Notes	Type



Architectural Area & Roadway Lighting

MR2



**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 lb. (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: **MR2 400M SR3 TB LPI**

MR2									
Series		Voltage		Ballast		Options		Lamp ¹²	
MR2		120		<u>Metal halide and high pressure sodium</u>		<u>Shipped installed in fixture</u>		LPI Lamp included	
		208 ³		(blank) Standard magnetic ballast		SF Single fuse (120, 277, 347V) ^{8,9}		L/FP Less lamp	
		240 ³		CWI Constant wattage isolated ⁶		DF Double fuse (208, 240, 480V) ^{8,9}			
		277		<u>Pulse-start metal halide</u>		PER NEMA twist-lock receptacle only (no photocontrol)			
		347		SCWA Super CWA ballast		CR Corrosion-resistant finish (epoxy clear coat over paint)			
		480 ³		LLRPSL Low-loss reactor pulse start		QRS Quartz restrike system ^{8,10}			
		TB ⁴				HS Houseside shield (SR2, SR3)			
		TBV ⁵				EC Emergency circuit ¹⁰			
<u>Metal halide</u>						TP Tamper-proof			
200M ¹						CSA Listed and labeled to Canadian safety standards			
250M						NOM NOM Certified			
320M ¹						<u>Shipped separately¹¹</u>			
350M ^{1,2}						PE1 NEMA twist-lock PE (120, 208, 240V)			
400M ^{1,2}						PE3 NEMA twist-lock PE (347V)			
<u>High pressure sodium</u>						PE4 NEMA twist-lock PE (480V)			
200S	SR2 Segmented Type II roadway				Mounting	PE7 NEMA twist-lock PE (277V)			
250S	SR3 Segmented Type III asymmetric				SPA Square pole mounting (std.)	SC Shorting cap for PER option			
400S	SR4SC Segmented Type IV forward throw, sharp cutoff				RPA Round pole mounting	MR2VG Vandal guard			
	SR4W Segmented Type IV wide, forward throw				WBA Wall bracket (up or down) ⁷				
	SR5S Segmented Type V symmetric square								

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 DM19AS**
DM19AS 1 at 90 degrees
DM28AS 2 at 180 degrees
DM29AS 2 at 90 degrees
DM39AS 3 at 90 degrees
DM49AS 4 at 90 degrees
DM32AS 3 at 120 degrees (round poles only)



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