



Architectural Outdoor Illumination

- AREA & SITE ●
- WALL MOUNTED ●
- BOLLARDS ●



TECHNICAL SPECIFICATIONS



AREA & SITE

ORDERING EXAMPLE: MR1 175M SR2 120 SPA SF DNA LPI

HOW TO SPECIFY

Choose the boldface catalog nomenclature that best suits your needs.

- 1 SERIES
- 2 WATTAGE
- 3 DISTRIBUTIONS
- 4 VOLTAGE
- 5 MOUNTING
- 6 OPTIONS
- 7 ACCESSORIES
- 8 FINISH

EXAMPLE:

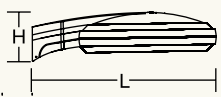
MR1 175M SR2 120 SPA SF DNA LPI

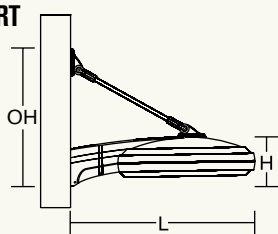
CERTIFICATIONS

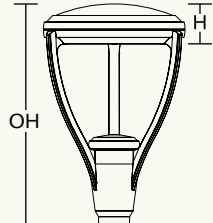
- Wet Location Listed and Labeled to US and Canadian Standards
- IP65 Rated
- US and Canadian Patents Pending
- NOM Certified

For detailed technical specifications and complete ordering information, please visit www.lithonia.com/Omero

1 SERIES

MR		MR1	Length 24.5" Diameter 18.625" Height 6.375" Weight 27 lbs.
		MR2	Length 32.875" Diameter 25" Height 8.25" Weight 46 lbs.

MRT		MRT1	Length 24.5" Diameter 18.625" Height 6.375" Weight 27 lbs. Overall Height 18.5"
		MRT2	Length 32.875" Diameter 25" Height 8.25" Weight 46 lbs. Overall Height 23.5"

MRP		MRP	Diameter 18" Height 5.25" Weight 35 lbs. Overall Height 32"
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2 WATTAGE/SOURCE

MR1 / MRT1

METAL HALIDE	HIGH PRESSURE SODIUM	FLUORESCENT	INDUCTION
50M¹	35S²	2/32TRT⁴	100W (Icetron)
70M¹	50S	42TRT	
100M	70S	2/42TRT⁴	
150M	100S	57TRT	
175M	150S	70TRT	

MR2 / MRT2

METAL HALIDE	HIGH PRESSURE SODIUM	INDUCTION
200M	200S	150W (Icetron)
250M	250S	
320M¹²	400S	
350M^{3,12}		
400M³		

MRP

METAL HALIDE	HIGH PRESSURE SODIUM	FLUORESCENT	INDUCTION
70M¹	50S	2/32TRT⁴	100W (Icetron)
100M	70S	42TRT	
150M	100S	57TRT	
175M	150S	2/42TRT⁴	
		70TRT	

4 VOLTAGE

120
208⁵
240⁵
277
347
480⁵
TB⁶
TBV⁷
MVOLT⁸

5 MOUNTING

ARM
Mounts to pole or wall plate using a unique block/receiver assembly:

- The block bolts to a pole or wall plate and engages the receiver within the Omero Area integral arm
- A single threaded locking fastener secures the luminaire to the receiver
- Assembly is rated to support 600 lb. load

SPA Square Pole Mounting (STANDARD)
RPA Round Pole Mounting
WBA Wall Bracket Mounting

POST TOP
Mounts to 4" round pole utilizing a 4" expansion fitter

6 OPTIONS

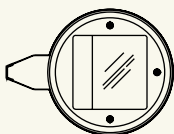
Shipped Installed

SF Single Fuse (120, 277, 347V)^{9,10}
DF Double Fuse (208, 240, 480V)^{9,10}
GLR Internal Fast-blow Fusing¹⁰
PER NEMA Twist-lock Receptacle Only (no photocontrol)
CR Corrosion Resistant Finish
QRS Quartz Restrike System (max allowable lamp included)⁹
HS Houseside Shield (SR2, SR3)
EC Emergency Circuit (max allowable lamp included)
SCWA Super CWA Pulse Start Ballast
LPI Lamp Included
L/LP Less Lamp
NOM NOM Certified

Shipped Separately¹¹

PE3 NEMA Twist-lock PE (347V)
PE4 NEMA Twist-lock PE (480V)
PE7 NEMA Twist-lock PE (277V)
SC Shorting Cap for PER option

7 ACCESSORIES



Houseside Shield (HS)

- Internal houseside shield attaches to, and rotates with, reflector
- Houseside shield standard with the SR4SC reflectors



Vandal Guard (VG)

- Low profile UV stabilized polycarbonate sculptured lens seals to doorframe to prevent intrusion and lens damage



Slipfitters

- Tenon slipfitters for arm mount fixtures are available with MR fixtures and can be ordered with the Round Pole Mounting kit (RPA)

8 FINISH

STANDARD	OPTIONAL	TEXTURED
DOB Dark Bronze	DNA Natural Aluminum	DOBT Dark Bronze
	DWH White	DNAT Natural Aluminum
	DBL Black	DWHG White
	DMB Bronze	DBLB Black
		DBNH Bronze

- Over 200 RAL colors available
 - TGIC polyester powder coating on die-cast aluminum housing
 - Multi-stage process includes environmentally friendly chromate-free substrate
- Please refer to www.lithonia.com/archcolors for optional catalogued colors or specify a four-digit RAL number.





TECHNICAL SPECIFICATIONS

3 DISTRIBUTIONS

POWER TRAY

All electrical components are mounted to a single rigid metal tray that may be quickly detached by removing two screws.

Ballasts:

- Copper wound using the highest grade grain oriented steel laminations

POLE PATTERNS

When ordering with Lithonia Lighting poles, the specific Omero Area drilling pattern must be specified.

Drilling Patterns

Omero MR1 & MR2

Omero Suspend-MRT1

Omero Suspend-MRT2

1 MR @ 90°

DM19AS

DM19MRT1

DM19MRT2

2 MR @ 180°

DM28AS

DM28MRT1

DM28MRT2

2 MR @ 90°

DM29AS

DM29MRT1

DM29MRT2

3 MR @ 90°

DM39AS

DM39MRT1

DM39MRT2

3 MR @ 120°
(round poles only)

DM32AS

DM32MRT1

DM32MRT2

4 MR @ 90°

DM49AS

DM49MRT1

DM49MRT2

Pole Example: SSA 20 4C DM19AS DDB



SR2

Segmented Type II
Roadway



SR3

Segmented Type III
Asymmetric



SR4SC

Segmented Type IV Forward
Throw, Sharp Backlight Cutoff



SR4W

Segmented Type IV Wide,
Forward Throw (MR2 & MRT2 Only)



SR5S

Segmented Type V Square

REFLECTORS

- Constructed of 95% reflective anodized aluminum sheet
- Secured into a one-piece deep drawn chassis to ensure precise alignment
- Removable, replaceable and rotatable in 90° increments without the use of tools
- Sockets are factory wired with modular plugs for quick connection to ballast

MR1 and MRP reflectors include:

- Medium-base porcelain sockets pulse rated for High Pressure Sodium or Metal Halide

MR2 reflectors include:

- Mogul-base porcelain sockets rated for 4KV for High Pressure Sodium, and position oriented mogul base porcelain sockets for Metal Halide

BOLLARD

ORDERING EXAMPLE:

MRBX 32TRT ASY 120 ELDWC H36 LPI

1 SERIES

2 WATTAGE/SOURCE

MRBX

Standard Height 42"
Nominal Diameter 8"

METAL HALIDE

50M
70M
100M

HIGH PRESSURE SODIUM

35S²
50S
70S
100S

FLUORESCENT

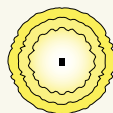
13DTT
26TRT
32TRT

INCANDESCENT

I
(100W Max)

3 REFLECTOR

4 VOLTAGE



STANDARD

SYM Type V Distribution

120

208

240

277

347

TB

MVOLT

5 OPTIONS

Shipped Installed

ELDWC Cold Weather Battery Pack

H24 24" Overall Height

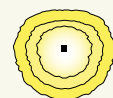
H30 30" Overall Height

H36 36" Overall Height

HS Half-shield

LPI Lamp Included

L/LP Less Lamp



OPTIONAL

ASY Asymmetric Distribution

NOTES

- 1 Not available with 480V
- 2 120V only
- 3 Must use reduced jacket lamp ED28
- 4 Dual lamps available with SR3 optic only
- 5 Consult factory for availability in Canada
- 6 Optional multi-tap ballast (120, 208, 240, 277V; in Canada 120, 277, 347V)
- 7 Optional penta-tap ballast (120, 208, 240, 277, 480V; not available in Canada); 175W metal halide only
- 8 Optional multi-volt electronic ballast (for TRT lamps) capable of operating on any line voltage from 120 - 277V
- 9 SF, DF or QRS options cannot be ordered together
- 10 Must specify voltage
- 11 May be ordered as an accessory
- 12 Must use SCWA



Nighttime Friendly designates products with superior optical control that are consistent with the goals of USGBC LEED® and meet Green Globes™ product criteria for light pollution reduction. These products are full cutoff and no more than 10% of the lumens from the luminaire are emitted above 80 degrees from nadir.



WALL MOUNTED

ORDERING EXAMPLE: MRW 175M FT 277 SF DNAT LPI

HOW TO SPECIFY

Choose the boldface catalog nomenclature that best suits your needs.

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- 2 WATTAGE
- 3 DISTRIBUTIONS
- 4 VOLTAGE
- 5 OPTIONS
- 6 ACCESSORIES
- 7 FINISH

EXAMPLE:

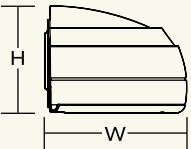



MRW 175M FT 277 SF DNAT LPI

CERTIFICATIONS

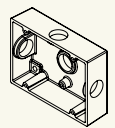
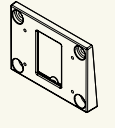

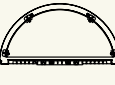
- UL listed for wet locations (damp location listed in lens up orientation)
WLU option offers wet location listing in lens down orientation (see options)
- NOM Certified
- Listed and labeled to Canadian standards
- IP65 Rated

For detailed technical specifications and complete ordering information, please visit www.lithonia.com/Omero

1 SERIES 2 WATTAGE/SOURCE 3 DISTRIBUTIONS 4 VOLTAGE

MRW	METAL HALIDE	HIGH PRESSURE SODIUM	FLUORESCENT ²		
					FT Forward Throw
Length 18"	50M	35S ¹	26DTT		120
Width 9"	70M	50S	2/26DTT		208 ³
Height 7.25"	100M	70S	26TRT		240 ³
Weight 35 lbs	150M	100S	2/26TRT		277
	175M	150S	32TRT		347
			2/32TRT		TB ⁴
			42TRT		TBV ⁵
			2/42TRT		MVOLT ⁶

5 OPTIONS Shipped Installed 6 ACCESSORIES Shipped Separately 7 FINISH¹⁷

<p>SF Single Fuse (120, 277, 347V)⁸</p> <p>DF Double Fuse (208, 240, 480V)⁸</p> <p>GMF Internal Slow-blow Fusing^{7,8}</p> <p>EC Emergency Circuit (max allowable lamp included)⁹</p> <p>QRS Quartz Restrike System (max allowable lamp included)¹³</p> <p>CR Enhanced Corrosion Resistance</p> <p>CRT Non-stick Protective Coating¹⁴</p> <p>PE Photoelectric Cell, Button Type (n/a TB, TBV or MVOLT)¹⁵</p> <p>DC12 Emergency Circuit 12 Volt (35W lamp included standard)¹⁰</p> <p>2DC12 Emergency Circuit 12 Volt ((2) 35W lamps included standard)¹⁰</p> <p>DC2012 Emergency Circuit 12 Volt (20W lamp included standard)¹⁰</p> <p>2DC2012 Emergency Circuit 12 Volt ((2) 20W lamps included standard)¹⁰</p> <p>ELDWR Emergency Battery Pack (120V and 277V only)^{7,11}</p> <p>ELDWR Fixture wired ready for Bodine B30 remote battery pack (32° min. operating temp.)^{7,12}</p> <p>ELDWRPS Fixture wired ready for PS1400 or PSDL3 remote battery pack (32° min. operating temp.)^{7,12}</p> <p>WLU Wet Location Door for Lens Up Orientation</p> <p>IBS Internal Backlight Shield¹⁶</p> <p>DFL Diffusing Lens</p> <p>NOM NOM Certified</p> <p>LPI Lamp Included</p> <p>L/LP Less Lamp</p>	<p> Surface Mounted Backbox¹⁸ Wall box for surface conduit mounting. Ideal for retrofit applications.</p> <p> Uptilt 5 Degrees¹⁸ Cast wedge that allows the fixture to tilt by 5 degrees to enhance optical control and performance. The UT5 works with either the standard mounting or WSBW in lens down or lens up orientations.</p> <p> Wire Guard¹⁵ Steel wire guard for added protection against lens damage. Painted finish to prevent rusting.</p> <p> Vandal Guard¹⁵ UV-stabilized polycarbonate low profile sculptured lens that seals to doorframe to prevent lens damage.</p>	<p>STANDARD TEXTURED</p> <p>DDBT Dark Bronze Standard</p> <p>DSST Sandstone</p> <p>DNAT Natural Aluminum</p> <p>DWHG White</p> <p>DBLB Black</p> <p>OPTIONAL TEXTURED</p> <p>DBNH Bronze</p> <p>DSPD Dark Gray</p> <p>DSPJ Light Gray</p> <p>DSPE Green</p> <p>DSPG Dark Red</p> <p>DSPF Rust</p> <p>DSPH Red</p> <p>STRIPING</p> <p>SDDB Dark Bronze</p> <p>SDWH White</p> <p>SDBL Black</p> <p>SDNA Natural Aluminum</p> <p>SDTG Tennis Green</p> <p>SDBR Bright Red</p> <p>SDBUA Dark Blue</p> <p>SDGYM Gray</p> <p>SDYLB Yellow</p> <p>• Standard colors are textured paint finishes</p> <p>• TGIC polyester powder coating on painted parts</p> <p>• Multi-stage process includes environmentally friendly chromate-free substrate</p> <p>Please refer to Architectural Colors brochure for optional catalogued colors or specify a four-digit RAL number.</p>
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NOTES

- 1 120V, NPF only
- 2 Only available with MD distribution
- 3 Not available in Canada
- 4 Optional multi-tap ballast (120V, 208V, 240V, 277V); In Canada 120V, 277V, 347V; ships as 120/347
- 5 Optional penta-tap ballast (120V, 208V, 240V, 277V, 480V; n/a in Canada). 175M only
- 6 Optional multi-volt electronic ballast (for compact fluorescent lamps only) capable of operating on any line voltage from 120 - 277V
- 7 Available for compact fluorescent units only
- 8 Must specify voltage; not available with MVOLT or TB
- 9 Not available with QRS
- 10 Not available with SF, DF or QRS
- 11 Not available with 2/32TRT or 2/42TRT
- 12 Battery pack by others and mounted external to luminaire; Pilot light/test switch mounting plate included (Consult factory for availability)
- 13 Not available with compact fluorescent
- 14 Black finish only
- 15 Must be ordered with fixture; no field modifications
- 16 IBS not available with MD distribution
- 17 Additional architectural colors available; see www.lithonia.com/archcolors
- 18 Must specify finish



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MR/MRT
Area & Roadway



MRP
Post Top



MRW
Wall Mounted



MRBX
Bollards

PROFILES IN ILLUMINATION



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