

GE
Lighting

Roadway Lighting

M-400 (MSRL & MSRA)



imagination at work

Product Features

From HID to LED, GE continues to push Roadway Lighting to new heights. Recognized for the highest quality and reliability in street, highway, parkway, and commercial applications, GE offers a wide selection of styles to meet the lighting needs of municipalities, utilities, DOT customers and more.

Applications

- For street, highway, parking lot and area lighting

Housing

- Die-cast aluminum housing.
- External paddle type stainless steel bail latch

Finish

- Polyester powder gray paint finish

Ratings

-  /  listed for wet location available

Mounting

- Universal two or four-bolt slipfitter
- Metal pest guard standard (not required for 2 in. pipe mounting)

Reflectors

- Standardized reflector

Unique Features

- Adjustable mogul base socket (house side) – E39 standard
- Plug-in ignitor standard
- “Dead back” tunnel type terminal board
- No-tool PE receptacle

Ordering Number Logic

M-400 (MSRL & MSRA)



2

PROD. ID	WATTAGE	LIGHT SOURCE	VOLTAGE	BALLAST TYPE SELECTION	PE FUNCTION	IGNITOR MOUNTING	LENS TYPE	IES DISTRIBUTION TYPE	OPTIONS
MSRL = M-400 with 2-bolt slipfitter	07 = 70 10 = 100 15 = 150 (55V)	E = Energy Act Compliant Pulse MH (EPMH) S = HPS Q = QL	60Hz 0 = 120/208/240/ 277 Multivolt 1 = 120 2 = 208 3 = 240 4 = 277 5 = 480 7 = 120X240 8 = 240V Ballast 120V PE Receptacle not reconnectable D = 347 G = 200-277 T = 220 W = 230	See Ballast Selection Table A = Autoreg E = Induction Ballast G = Mag-Reg with Grounded Socket Shell H = HPF Reactor or Lag M = Mag-Reg N = NPF Reactor or Lag P = CWI with Grounded Socket Shell	1 =None 2 =PE Receptacle NOTE: Receptacle connected same voltage as unit except as noted. Order PE Control separately.	2 = Plug-in base and Ignitor	R = Prismatic Glass Refractor P = Lexan *250 Watt HPS Maximum Prismatic Refractor	See Photometric Selection Table S = Short M = Medium S = Semi-cutoff C = Cutoff 2 = Type II 3 = Type III	C = Charcoal filter F = Fusing (Not available with multivolt or dual voltage) J = Line Surge Protector, Expulsion Type (UL not available) U = listed with glass only (60Hz only)
MSRA = M-400 with 4-bolt slipfitter	24 = 250/400 25 = 250 31 = 310 32 = 320 35 = 350 40 = 400 84 = 85 (4000K) 83 = 85 (3000K) NOTE: Dual wattage connected for lower wattage	Induction Standard: Lamp not included.	50Hz 6 = 220 R = 230 Y = 240 NOTE: Dual voltage connected for lower voltage						

Ballast Selection Table

Ballast Type/Voltage 60Hz														Ballast Type/Voltage 50Hz		
Wattage	Light Source	Multivolt	120	208	240	277	480	120X240	347**	240/120	200-	220	230	220	230	240
150 (55V)	HPS	H,N,A	G,H,M,N	G,M	G,M	G,M	G,M	G,H,M,N	G*,H,M*,N	G,M	N/A	N/A	N/A	N/A	N/A	N/A
200	HPS	A,G,M,P	A,G,H,M,N,P	A,G,H,M,N,P	A,G,H,M,N,P	A,G,M,P	A,G,M	A,G,M,P	A,G,M,P	A,G,H,M,N	N/A	H	N/A	N/A	N/A	N/A
250	HPS	A,G,M,P	A,G,H,M,N,P	A,G,H,M,N,P	A,G,H,M,N,P	A,G,M,P	A,G,M,P	A,G,M,P	A,G,M,P	A,G,H,M,N	A,H	H	N/A	A,H,M,N	H	M
250/400	HPS	A	A	A	A	A	A	N/A	A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
310	HPS	A,G,M	A,G,M	A,G,H,M,N	A,G,H,M,N	A,G,M	A,G,M	A,G,M	A,G,M	A,G,H,M,N	N/A	H	N/A	N/A	N/A	N/A
400	HPS	A,G,M	A,G,M	A,G,H,M,N	A,G,H,M,N	A,G,M	A,G,M	A,G,M	A,G,M	A,G,H,M,N	A,H,N	H	N/A	A,H,M,N	N/A	A,H,M
175	EPMH	A	A	A	A	A	A	A	N/A	A	N/A	N/A	N/A	N/A	N/A	N/A
250	EPMH	A	A	A	A	A	A	A	N/A	A	N/A	N/A	N/A	N/A	N/A	N/A
320	EPMH	A	A	A	A	A	N/A	A	N/A	A	N/A	N/A	N/A	N/A	N/A	N/A
350	EPMH	A	A	A	A	A	N/A	A	N/A	A	N/A	N/A	N/A	N/A	N/A	N/A
400	EPMH	A	A	A	A	A	A	A	N/A	A	N/A	N/A	N/A	N/A	N/A	N/A

NOTE: N/A = Not available. *Not available in 120 X 347. **Not available in 200 watt or 310 watt. C/F = Contact Manufacturer

Photometric Selection Table

GLASS PRISMATIC REFRACTOR

All light sources are clear unless otherwise indicated.

		IES Distribution Type Photometric Curve Number 35-						
		Semi-Cutoff			Cutoff			Polycarbonate
Wattage	Light Source	MS2	MS3	MC2	MC3	SC2	SC3	
150 (55V)	HPS	450395	450394	N/A	450393	N/A	N/A	450957(MC3)
200-400	HPS	451012	451013	451014	451015	N/A	451016	450958(MS3)
175, 250, 320, 350, 400	EPMH	450351	450349	N/A	N/A	N/A	450350	N/A
	EPMH	450274	450273	N/A	N/A	N/A	N/A	N/A

NOTE: N/A = Not Available C/F = Contact Manufacturer PMH—Contact Manufacturer

MSRL – Suggested Catalog Ordering Numbers

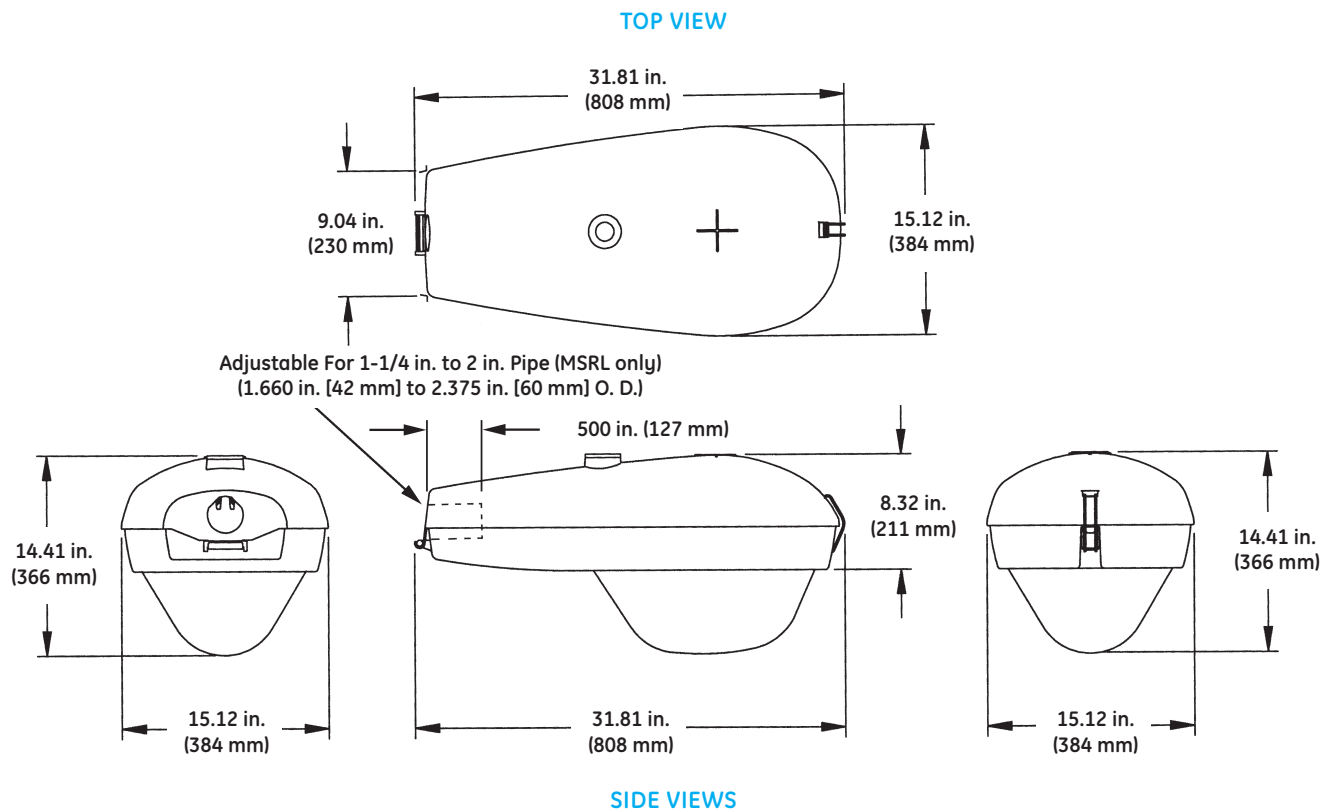
Catalog Number	Wattage	Light Source	Voltage (60 Hz)	Ballast Type	Refractor Type	Photometric Distribution
MSRL25S0A22RMS3	250	HPS	Multivolt	Auto-Regulator	Glass	MS3
MSRL40S0A22RMS3	400	HPS	Multivolt	Auto-Regulator	Glass	MS3

All GE suggested catalog ordering numbers come with PE receptacle. PE control must be ordered separately.

Order and install SCCL-PECTL if no PE is desired.

Multivolt ballasts can be for either 120, 208, 240, or 277 volt incoming power supply.

Product Dimensions



DATA

- Approximate Net Weight: 33-39 lbs (15-18 kgs)
- Effective Projected Area: 1.4 sq. ft. max. (0.13 sq. M max.)
- Suggested Mounting Height: 30-50 ft. (9-15 M)



www.gelighting.com

GE and the GE Monogram are trademarks of the General Electric Company. All other trademarks are the property of their respective owners. Information provided is subject to change without notice. All values are design or typical values when measured under laboratory conditions. GE Lighting and GE Lighting Solutions, LLC are businesses of the General Electric Company. © 2014 GE.

OLP2925 (Rev 11/04/14)