

GE
Lighting

Roadway Lighting

M-250R2 with Cutoff Optics (M2RC)



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 residential streets, access roads, parking lots and other outdoor areas

Housing

- Die-cast aluminum housing
- External stainless steel bail latch

Finish

- Polyester powder gray paint finish

Rating

- /c  Listed for wet location available as an option

Mounting

- Universal two-bolt slipfitter

Reflectors

- ALGLAS™ finish on reflector

Unique Features

- Streetside adjustable E39 mogul base socket standard where lamp is available in mogul base (E26 Medium Base otherwise)
- No-tool PE receptacle
- Plug-in ignitor
- True 90° cutoff—no light above 90° (meets RP8-2000 for full cutoff)
- Plastic pest guard standard (not required for 2 in. pipe)

Ordering Number Logic

M-250R2 with Cutoff Optics (M2RC)



M2RC

PROD. ID	WATTAGE	LIGHT SOURCE	VOLTAGE	BALLAST TYPE SELECTION	PE FUNCTION	LENS TYPE (PRISMATIC) REFRACTOR	IES DISTRIBUTION TYPE	OPTIONS
M2RC = M-250R2 with Cutoff * Optics	05 = 50 07 = 70 10 = 100 15 = 150 * = Previously IESNA Full Cutoff Optics	S = HPS Standard: Lamp not included.	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 F = 120X347 T = 220 w = 230 50Hz 6 = 220 R = 230 Y = 240 NOTE: Dual voltage connected for lower voltage	See Ballast Selection Table A = Autoreg 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.	See Photometric Selection Table A = Acrylic Clear Globe G = Flat Glass* L = Polycarbonate Clear Globe S = Sag Glass * = Previously IESNA Full Cutoff Optics NOTE: 150 watt Maximum with Acrylic or Polycarbonate Refractors.	See Photometric Selection Table S = Short M = Medium C = Cutoff* 2 = Type II 3 = Type III * = Previously IESNA Full Cutoff Optics	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)

ALL METAL HALIDE VERSIONS AND THEIR ASSOCIATED OPTIONS ARE NO LONGER AVAILABLE EFFECTIVE JANUARY 1, 2017

Ballast Selection Table

Wattage	Light Source	Ballast Type/Voltage 60Hz										Ballast Type/Voltage 50Hz			
		Multivolt	120	208	240	277	480	120X240	120X347	347 PER	240/120 220	230	220	230	240
50	HPS	H,N	H,N	H,N	H,N	H,N	N/A	H,N	H,N	H,N	N/A	N/A	N/A	N/A	N/A
70,100,150 (55V)	HPS	A,H,N	A,G,H,M,N,P	A,G,H,M,N	A,G,H,M,N,P	A,G,H,M,N	G,M	G,H,M,N,P	G*,H,M*,N	G,H,M,N	H,M,N	N/A	H,M,N	H	N/A
100/150 (55V)	HPS	N/A	H,N	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
200, 250	HPS	A,P	A,H,N,P	A,H,N,P	A,H,N,P	A,P	A,P**	A,P	A**,P	A,H,N	H	H	A,H,N	H	H

NOTE: N/A = Not available. *Not available in 120 X 347. **Not available in 200 watt.

Photometric Selection Table

All light sources are clear unless otherwise indicated.

Wattage	Light Source	Lens Type	IES Distribution Type Photometric Curve Number 35-(Socket Position)		
			MC2	MC3	SC2
50, 70, 100, 150 (55v)	HPS	A or L	N/A	179168 (1A)	N/A
50	HPS	S	452536 (2CL)	452537 (1CL)	N/A
70	HPS	S	452538 (2CL)	452539 (1CL)	N/A
100	HPS	S	452540 (2CL)	452541 (1CL)	N/A
150 (55v)	HPS	S	452533 (2CL)	452542 (1CL)	N/A
50, 70, 100, 150 (55v)	HPS	G*	177293 (2CL)	177292 (1CL)	N/A
200	HPS	S	N/A	452532 (2DL)	N/A
200, 250	HPS	G*	177306 (2DH)	177305 (1DH)	N/A

NOTE: N/A = Not Available *Meets RP8-2000 for full cutoff **Medium base socket

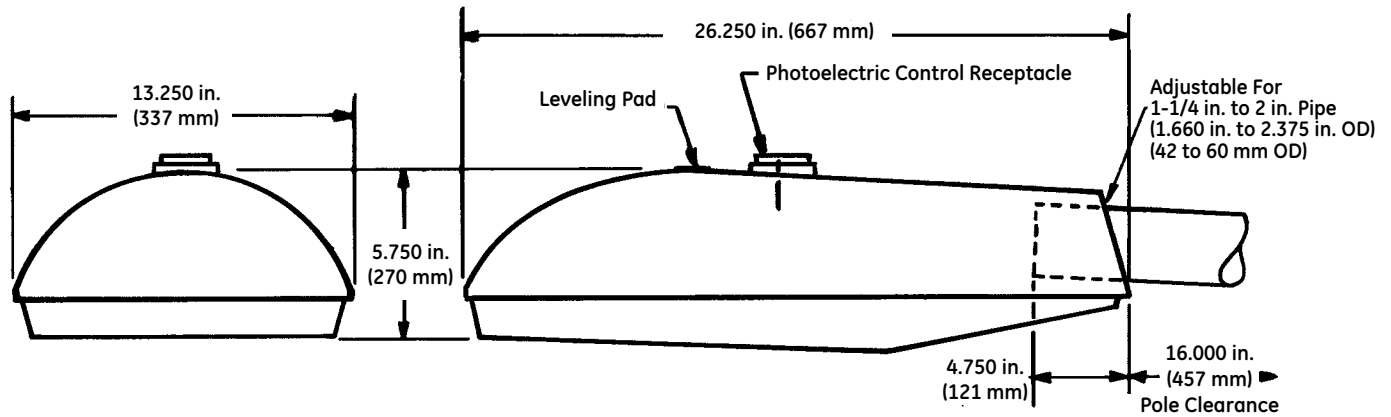
M2AC – Suggested Catalog Ordering Numbers

Catalog Number	Wattage	Light Source	Voltage (60 Hz)	Ballast Type	Refractor Type	Photometric Distribution
M2RC07S1N2GMC3	70	HPS	120	NPF Reactor	Glass	MC3
M2RC10S1N2GMC3	100	HPS	120	NPF Reactor	Glass	MC3
M2RC15S0A2GMC3	150	HPS	120	NPF Reactor	Glass	MC3

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: 20-30 lbs (9-14 kgs)
- Effective Projected Area:
 - Flat Glass Unit 0.6 sq. ft. max. (0.06 sq. M max.)
 - Clear Acrylic or Polycarbonate Globe Unit 1.0 sq. ft. max. (0.09 sq. M max.)
- Suggested Mounting Height: 20-40 ft. (6-12 M)



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