GE
Lighting

Roadway Lighting

M-250A2 Powr/Door™ with Cutoff Optics (M2AC)

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 where light trespass could be a problem

Housing

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

Finish

- Polyester powder gray paint finish

Rating

- 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
- Plastic pest guard standard (not required for 2 in. pipe)
- True 90° cutoff – no light above 90°
- Filtered optics
- Powr/Module ballast assembly

Ordering Number Logic

M-250A2 Powr/Door™ with Cutoff Optics (M2AC)

M2AC ____ __ _ _ _ _ _ _ _ _

PROD. ID	WATTAGE	LIGHT SOURCE	VOLTAGE	BALLAST TYPE SELECTION	PE FUNCTION	LENS TYPE (PRISMATIC) REFRACTOR	IES DISTRIBUTION TYPE	FILTER	OPTIONS
M2AC = M-250A2 with Cutoff * Optics *= Previously IESNA Full Cutoff Optics	**05** = 50 **07** = 70 **10** = 100 **15** = 150 (55V) **17** = 175 **20** = 200 **21** = 100/150 (55V) **25** = 250 **71** = 70/100 **NOTE:** Dual wattage connected for lower wattage	**E** = Energy Act Compliant Pulse MH (EPMH) **S** = HPS **P** = PMH 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 **50Hz** **6** = 220 **R** = 230 **Y** = 240	See Ballast Selection Table **A** = Autoreg **G** = Mag-Reg with Grounded Socket Shell **H** = HPF Reactor or Lag **J** = CWI **M** = Mag-Reg **N** = NPF Reactor or Lag **P** = CWI with Grounded Socket Shell **S** = Series (in Top Housing)	**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 Clear Globe **NOTE:** 150 watt Maximum with Acrylic or Polycarbonate Clear Globes. * = Previously IESNA Full Cutoff Optics	See Photometric Selection Table **S** = Short **M** = Medium **C** = Cutoff* **2** = Type II **3** = Type III * = Previously IESNA Full Cutoff Optics	**1** = Fiber gasket **2** = Charcoal with elastomer gasket	**F** = Fusing (Not available with multivolt or dual voltage) **J** = Line Surge Protector, Expulsion Type (UL not available) **U** = Ⓤ/cⓊ listed (all HPS up to 175W MH max) with glass or polycarbonate (60Hz only)

Ballast Selection Table

Wattage	Light Source	Ballast Type/Voltage 60Hz										Ballast Type/Voltage 50Hz		
		Multivolt	120	208	240	277	480	120X240	347** 120X347	240/120 PER	220	220	230	240
50	HPS	**H,N**	**H,N**	**H,N**	**H,N**	**H,N**	**H,N**	**H,N**	**H,N**	**H,N**	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,M,P**	**G*,H,M*,N**	**G,M,N**	N/A	**H,M,N**	**H**	**M††**
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
200	HPS	**A,J,P**	**A,H,N,P**	**A,H,N,P**	**A,H,N,P**	**A,P**	**A**	**A,P**	N/A	**A,H,N**	N/A	N/A	N/A	N/A
250	HPS	**A,J,P**	**A,H,N,P**	**A,H,N,P**	**A,H,N,P**	**A,P**	**A,P**	**A,J,P**	**A,P**	**A,H,N**	**H**	**A,H,N**	**H**	**A,H**
175	EPMH	**A**	**A**	**A**	**A**	**A**	**A**	**A**	N/A	**A**	N/A	N/A	N/A	N/A
100**	PMH	**H, N**	**H, N**	**H, N**	**H, N**	**H, N**	**H, N**	**H, N**	**H, N**	**H,N**	N/A	N/A	N/A	N/A
150**	PMH	N/A	**A,H**	**H**	**H**	**H**	N/A	**H**	**H**	**H**	N/A	N/A	N/A	N/A
250	EPMH	**A**	**A**	**A**	**A**	**A**	**A**	N/A	**A**	**A**	N/A	N/A	N/A	N/A

NOTE: N/A = Not Available ††150(55V) only *Not available in 120X347V **Medium Base Socket

Photometric Selection Table

All light sources are clear unless otherwise indicated.

Wattage	Light Source	Lens Type	IES Distribution Type Photometric Curve Number 35- (Socket Postition)		
			MC2	MC3	SC2
50, 70, 100, 150 (55v)	HPS	Clear globe, acrylic or Polycarbonate	N/A	177287 (1A)	N/A
50	HPS	Clear globe, glass	452543 (2CL)	452544 (1CL)	N/A
70	HPS	Clear globe, glass	452545 (3CL)	452546 (1CL)	N/A
100	HPS	Clear globe, glass	452547(2CL)	452548 (1CL)	N/A
150 (55v)	HPS	Clear globe, glass	452549 (2CL)	452550 (1CL)	N/A
50, 70, 100, 150 (55v)	HPS	Glass, flat*	177286 (2CL)	177285 (1CL)	N/A
200	HPS	Clear globe, glass	452551 (2CH)	452552 (2DL)	N/A
250	HPS	Clear globe, glass	N/A	452553 (2CH)	N/A
200, 250	HPS	Glass, flat*	177303 (2DH)	177304 (1DH)	N/A
175, 250	EPMH	Glass, flat*	N/A	N/A	177299(1B)
**100, 150	PMH	Glass, flat*	452707	451435(2CL)	453603

NOTE: N/A = Not Available PMH—Contact Manufacturer *Meets RP8-2000 for full cutoff with flat glass **Medium base socket

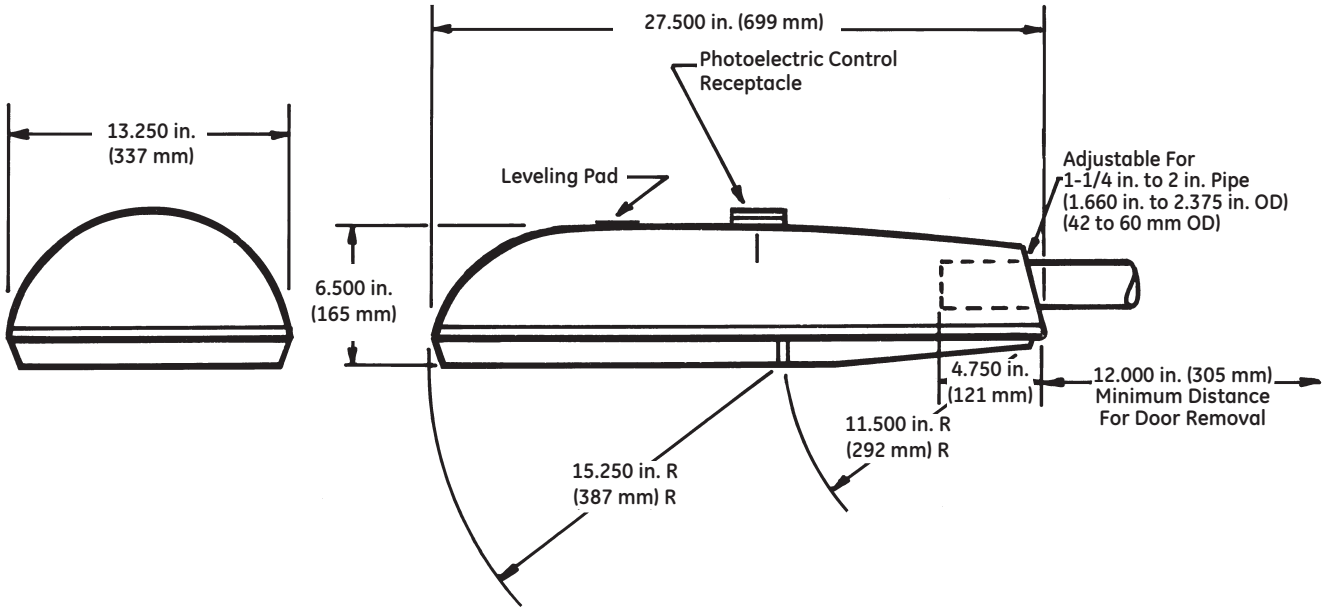
M2AC – Suggested Catalog Ordering Numbers

Catalog Number	Wattage	Light Source	Voltage (60 Hz)	Ballast Type	Refractor Type	Photometric Distribution
M2AC10S1N2GMC21	100	HPS	120	NPF Reactor	Glass	MC2
M2AC15S1N2GMC21	150	HPS	120	NPF Reactor	Glass	MC2
M2AC25S0A2GMC31	250	HPS	Multivolt	Auto-Regulator	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 0.9 sq. ft. max. (0.08 sq. M max.)
  - Clear Acrylic Globe Unit 1.0 sq. ft. max. (0.09 sq. M max.)
- Suggested Mounting Height: 20-40 ft. (6-12 M)

www.gelighting.com

OLP2935 (Rev 11/04/14)