M-250R2 LUMINAIRE



APPLICATIONS

- For lower wattage roadway applications including residential streets, parking lots and other long, narrow areas

SPECIFICATION FEATURES

- Universal two-bolt slipfitter
- Die-cast aluminum housing with electrocoat gray paint finish
- Adjustable mogul base socket (street side) – E39 standard
- No-tool PE receptacle
- Plug-in ignitor
- External stainless steel bail latch
- CSA Certified unit available, contact factory
- Standard construction is IP55
- Plastic Pest guard standard (not required for 2 in. pipe)

Turtle-friendly luminaires available for coastal nesting areas. Contact factory.

ORDERING NUMBER LOGIC

M2RR	15	S	1	N	2	A	MS3	F
PRODUCT IDENT	WATTAGE	LIGHT SOURCE	VOLTAGE	BALLAST TYPE	PE FUNCTION	LENS TYPE (PRISMATIC) REFRACTOR	IES DISTRIBUTION TYPE	OPTIONS
XXXX	XX	X	X	X	X	X	XXX	XXX
M2RR = M-250R2	05 = 50 07 = 70 10 = 100 15 = 150 (55V) 17 = 175 20 = 200 21 = 100/150 (55V) 25 = 250 NOTE: Dual wattage connected for lower wattage	S = HPS C = Merc 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 NOTE: Dual voltage connected for lower voltage	See Ballast Selection Table A = Autoreg C = Merc-Reg 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 G = Glass L = Polycarbonate NOTE: 150 watt Maximum with Acrylic or Polycarbonate Refractors.	See Photometric Selection Table M = Medium L = Long S = Semi-cutoff N = Non-cutoff 2 = Type II 3 = Type III 4 = Type IV	C = Charcoal filter F = Fusing (Not available with multivolt or dual voltage) J = Line Surge Protector, Expulsion Type N = Meets proposed ANSI C136.31 requirements for Bridge and Underpass Vibration

PHOTOMETRIC SELECTION TABLE

All light sources are clear unless otherwise indicated.

Wattage	Light Source	Lens Type (Prismatic Refractor)	IES Distribution Type Photometric Curve Number 35-17 - - - - (Socket Position) LN3	LN4	MN2	MN3	MS2	MS3
50,70,100,150 (55 V)	HPS	Acrylic	N/A	N/A	7246(1A)	7247(2A)	7244(2B)	7245(2.5B)
50,70,100,150 (55 V)	HPS	Glass	N/A	N/A	7250(1A)	7251(2A)	7248(1.5B)	7249(2.5B)
50,70,100,150 (55 V)	HPS	Polycarb.	7258(1A)	7259(2A)	N/A	7256(2B)	N/A	N/A
200, 250	HPS	Glass	N/A	N/A	N/A	N/A	7261(2DH)	7260(1DH)
100, 175, 250	Merc	Glass	N/A	N/A	7284(1A)	7279(2A)	7280((1B)	7281(2B)

NOTE: N/A = Not available

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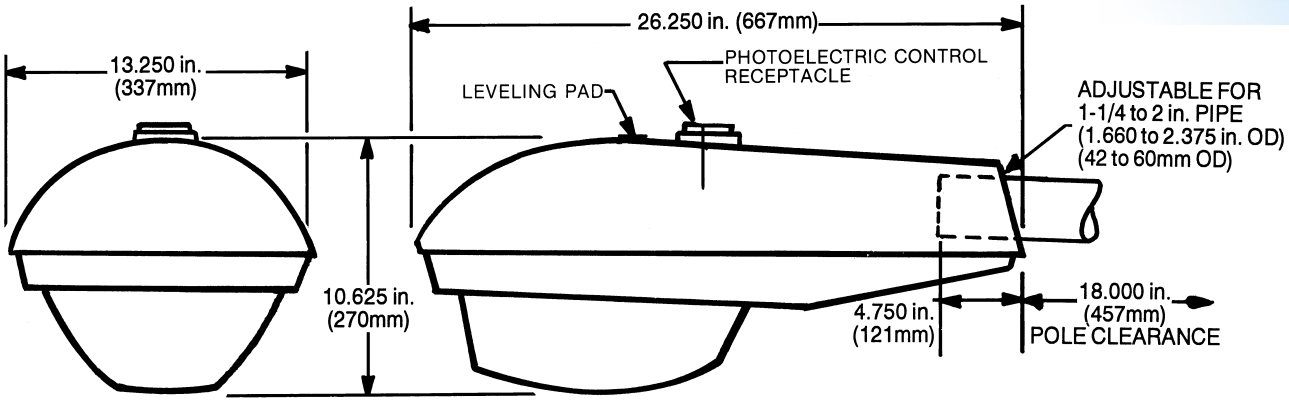
M-250R2 LUMINAIRE

FIXTURE DIMENSIONS



DATA

Approximate Net Weight	**20-30 lbs**	**9-14 kgs**
Effective Projected Area	**0.7 sq. ft. max**	**0 .07 sq. M max**
Suggested Mounting Height	**20-40 ft.**	**6-12 M**

REFERENCES

See Page R-38 for start of Accessories.
See Page R-42 for Explanation of Options and Other Terms Used.
See Pole and Bracket Section Page P-2 for pole selection.

BALLAST SELECTION TABLE

		Ballast Type/Voltage													
		60Hz											50Hz		
Wattage	**Light Source**	**Multi-volt**	**120**	**208**	**240**	**277**	**480**	**120X240**	**347, 120X347**	**240/120 PE R**	**220**	**230**	**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	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**
100, 175	Merc	**C**	**C,N**	**C**	**C,H,N**	**C**	**C**	**C**	N/A	**C,H,N**	N/A	N/A	N/A	N/A	N/A
250	Merc	**C**	**C,N**	**C**	**C,H,N**	**C**	**C**	**C**	N/A	**C,H,N**	N/A	N/A	**H**	N/A	**H**

NOTE: N/A = Not available
NOTE: *Not available in 120X347 volt
NOTE: **Not available in 200 watt

M2AC — SUGGESTED CATALOG ORDERING NUMBERS

Catalog Number	Wattage	Light Source	Voltage (60 Hz)	Ballast Type	Refractor Type	Photometric Distribution
M2RR10S1N2AMS2	100	HPS	120	NPF Reactor	Acrylic	MS2
M2RR15S1N2AMS3	150	HPS	120	NPF Reactor	Acrylic	MS3
M2RR25S0A2GMS3	250	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.

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