

Roadway Series 125

Roadway Lighting

150-400W HPS, 175-400W MH

PRODUCT OVERVIEW



Features:

Rugged die-cast aluminum housing is powder-coated for durability and corrosion resistance

Optional two-bolt mast arm mount provides easy, secure installation and adjustability for arms from 1-1/4" to 2" (1-5/8" to 2-3/8" O.D.) diameter. Standard four-bolt mounting provides extra security in high-vibration applications

Die-cast trigger latch on doorframe enables easy and secure one-hand opening for re-lamping and maintenance

Large surface area "breathing seal" gasket seals the optical chamber to prevent intrusion by insects and environmental contaminants. Heat-resistant gasket material remains effective over the life of the fixture

Wildlife shield is cast into the housing (not a separate piece) with 2B option and is easily adjustable for 1-1/4" to 2" (1-5/8" to 2-2/8" O.D.) mast arms

Photocontrol receptacle is adjustable without tools

Anodized aluminum reflectors provide uniform lighting distribution with either borosilicate glass, or polycarbonate refractor

NEMA wattage label, terminal block, and NEMA photocontrol receptacle are standard

All electrical components warranted by American Electric Lighting's 6-year guarantee

E39 mogul socket standard

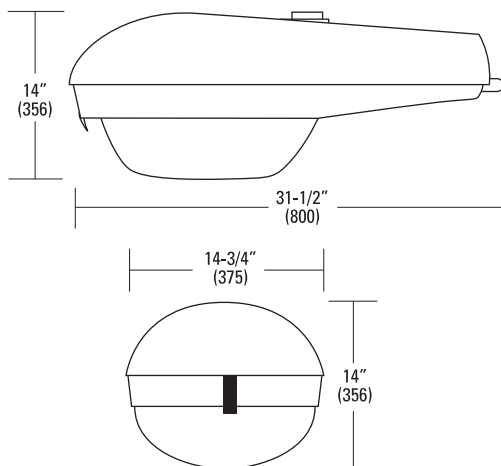
Complies with ANSI: C136.2, C136.10, C136.14, C136.15, C136.17, C136.31

Suitable for -30°C MH / -40°C HPS

Applications:

Roadways
Residential streets
Storage areas
Parking lots
Campuses
Parks

DIMENSIONS



Effective Projected Area (EPA)
The EPA for the Horizontal Luminaire series 125 is 1.30 sq. ft.
Approx. Wt. = 35 lbs.

PREFERRED SELECTION CATALOG NUMBERS

125 25S CA MT1 R3 DG EC
125 40S CA MT1 R3 DG EC
125 40M SC MT1 R3 DG

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ORDERING INFORMATION

Example: 1 2 5 4 0 S CA MT1 R3 DG LC PC

Series	Wattage / Source		Ballast	Voltage	Distribution
125 Single Door Cobrahead	15 150W 17 175W ¹ 20 200W 23 250/400W Wired 250 24250/400W Wired 400 25 250W ¹ 31 310W 32 320W 35 350W ¹ 40 400W ¹	S HPS M MH ²	RN Reactor Normal Power Factor RH Reactor High Power Factor XN High Reactance (Lag) Normal Power Factor XH High Reactance (Lag) High Power Factor CA CWA ² CT CWI SC SCWA MR Mag Reg (3 Coil)	120 120V 208 208V 240 240V 277 277V 347 347V 480 480V MT1 Multi-tap Wired 120V MT2 Multi-tap Wired 240V MT7 Multi-tap Wired 277V TT3 Tri-tap Wired 347V DT1 Dual Tap 120/240 Wired 120V DT2 Dual Tap 120/240 Wired 240V DT4 Dual Tap 240/480 Wired 480V	R2 Roadway Type II R3 Roadway Type III R4 Roadway Type IV Refer to optic distribution matrix below for compatibility.
See ballast matrix for EISA compliant options					Optics DP Drop Polycarbonate Prismatic Refractor DG Drop Glass Prismatic Refractor
Options					

Mounting

(blank)	4-bolt Internal (standard)	
F2	4-bolt Internal 2" setting	Lamp
M2	2-bolt Internal 2" Setting	LC Lamp Included, Clear
2B	2-bolt Internal 1-1/4" Setting	LD Lamp Included, Deluxe/Coated

Paint³

(blank)	Gray (standard)
BK	Black
BZ	Bronze
DDB	Dark Bronze
WH	White
UP	Unpainted

Starter⁷

(blank)	Open Board (standard)
EC	Encapsulated Plug-in
OP	Open Plug-in

Misc.

PC	Photocontrol Included per Voltage Specified ⁶
BF	Bridge fitter (3G max)
BL	Bubble Level
SS	Stainless Steel Fasteners (external)
CF	Charcoal Filter
PL	Distribution Pattern Indicator Label
LA	Lightning Arrestor (Void UL/CSA Certified Options)
NN	No NEMA Label on Housing
SH	Shorting Cap ⁶
HK	Hinge Keeper
RG	Rubber Silicone Optical Gasket

Terminal Block

(blank)	Terminal Block (standard)
T2	Wired to L1 & L2 Positions
T3	3 Wire Operation (L1, N, L2 Position) ⁴

Listing

UL	UL Listed
CS	CSA Certified

Fusing⁵

SF	Single Fuse (120, 277, 347V)
DF	Double Fuse (208, 220, 240, 480V)

Photocontrol Receptacle

(blank)	NEMA Photocontrol Receptacle (standard)
NR	No Photocontrol Receptacle ⁶

Notes:

- When ordered with metal halide, these wattages do not comply with California Title 20 regulations
- CA ballast not available with 175W - 400W metal halide in the U.S.; must use SC
- Other colors available, please contact your local American Electric Lighting representative
- T3 option only available with 240, 480, DT2, DT4, MT2
- Not available with MT, TT, DT voltages
- PC and SH not available in NR option
- Available in HPS only

Optic Distribution

	R2 DP	R3 DP	R2 DG	R3 DG	R4 DG
15S	-	-	▲	▲	-
17M	▲	▲	▲	▲	-
20S	▲	▲	▲	▲	▲
20M	-	-	-	▲	-
23S	▲	▲	▲	▲	▲
24S	▲	▲	▲	▲	▲
25S	▲	▲	▲	▲	▲
25M	▲	▲	▲	▲	-
31S	▲	▲	▲	▲	▲
32M	▲	▲	▲	▲	-
35M	▲	▲	▲	▲	-
40S	▲	▲	▲	▲	▲
40M	▲	▲	▲	▲	-

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BALLAST MATRIX

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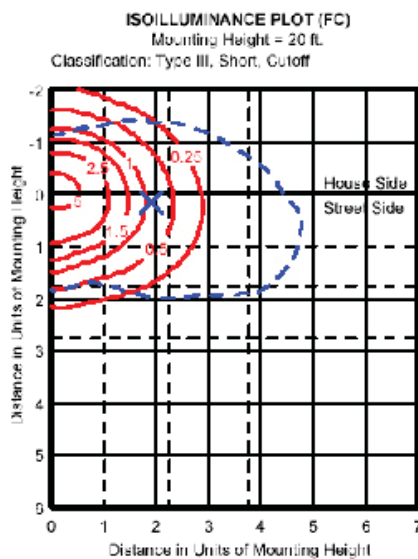
Watts	120	208	240	277	347	480	DT1	DT2	DT4
15S	CA	CA	CA	CA	XN,XH	CA,XN,XH,MR	CA	CA	CA
Ⓔ 17M	SC	SC	SC	SC	-	SC	SC	SC	-
20S	CA,CT,MR,XN,XH	CA,CT	CA,CT,MR,XH,XN	CA,CT,MR	CA	CAMR	CA,CT,MR,XN,XH	CA,CT,MR,XN,XH	MR
Ⓔ 20M	SC	SC	SC	SC	-	-	-	-	-
23S	CA	CA,CT	CA	CA,CT	CA	-	CA	CA	-
24S	CA	CA	CA	CA	-	-	CA	CA	-
25S	CA,CT,MR,XN,XH	CA,CT	CA,CT,RN,RH,MR,XH,XN	CA	-	CAMR	CA,CT,MR,XN,XH	CA,CT,MR,XN,XH	MR
Ⓔ 25M	SC	SC	SC	SC	SC	SC	SC	SC	SC
31S	CAMR	CA	CAMR	CA	-	MR	CAMR	CAMR	CA
Ⓔ 32M	SC	SC	SC	SC	-	SC	SC	SC	SC
Ⓔ 35M	SC	SC	SC	SC	-	SC	SC	SC	SC
40S	CA,CT,MR	CA,CT,MR,RN,RH	CA,CT,MR,RN,RH	CA,CT	CA	CAMR	CA,CT,MR	CA,CT,MR	MR
Ⓔ 40M	SC	SC	SC	SC	-	SC	SC	SC	-

Roadway 125 continued

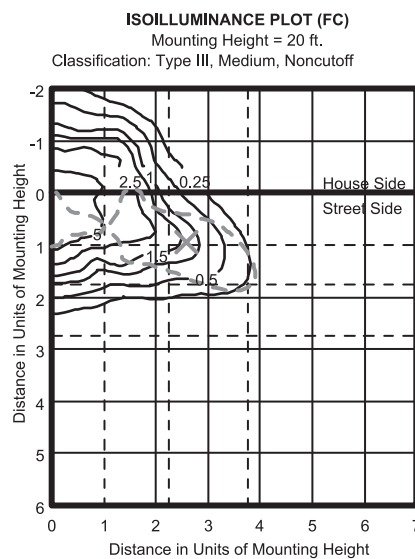
Watts	MT1	MT2	MT7	TT3	5T4
15S	CA	CA	CA	XN,XH	-
Ⓔ 17M	SC	SC	SC	-	-
20S	CA,CT	CA,CT	CA,CT	CA	-
Ⓔ 20M	SC	SC	SC	-	-
23S	CA	CA	CA	-	-
24S	CA	CA	CA	-	-
25S	CA,CT	CA,CT	CA,CT	CA	CA
Ⓔ 25M	SC	SC	SC	SC	SC
31S	CA	CA	CA	-	-
Ⓔ 32M	SC	SC	SC	-	-
Ⓔ 35M	SC	SC	SC	-	-
40S	CA	CA	CA	CA	CA
Ⓔ 40M	SC	SC	SC	-	SC

PHOTOMETRICS

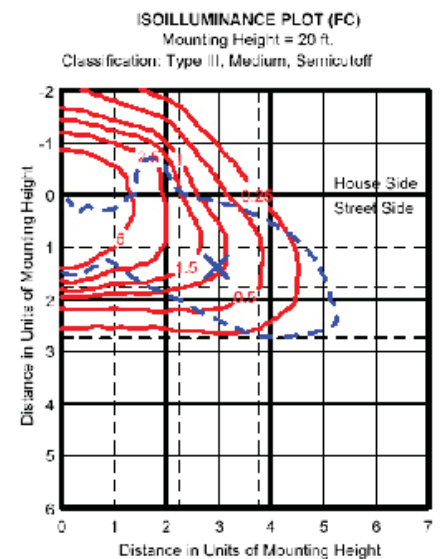
125 25S R3 DG LD



125 40M SC R3 DG



125 40S R3 DG



✕ Maximum Intensity

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