

# Roadway Series 125

## Roadway Lighting Luminaires - Cutoff Style Cobrahead

200 - 400W HPS, 175 - 400W MV/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" (32mm to 51mm) diameter. Standard four-bolt mounting provides extra security in high-vibration applications.

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

Star Friendly™ cutoff distribution patterns available.

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" (32mm to 51mm) mast arms.

Photocontrol receptacle is adjustable without tools.

Anodized aluminum reflectors provide uniform lighting distribution with either flat or sag clear tempered glass.

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

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

E39 mogul socket standard.

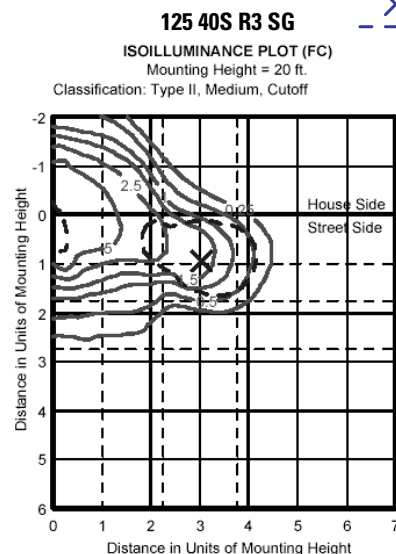
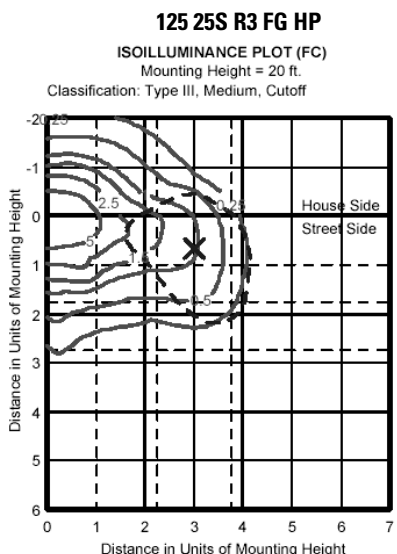
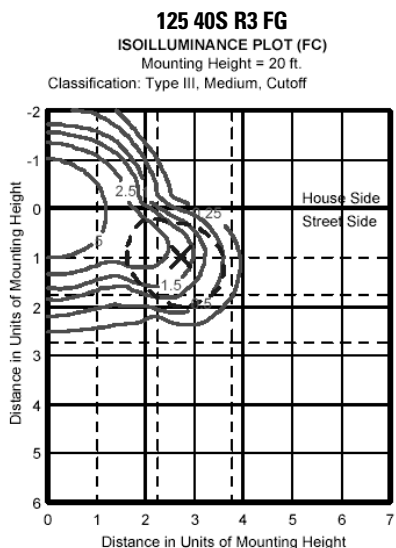
Complies with ANSI: C136.2, C136.10, C136.14, C136.15, C136.17, C136.31

Suitable for -30°C MH & MV / -40°C HPS.

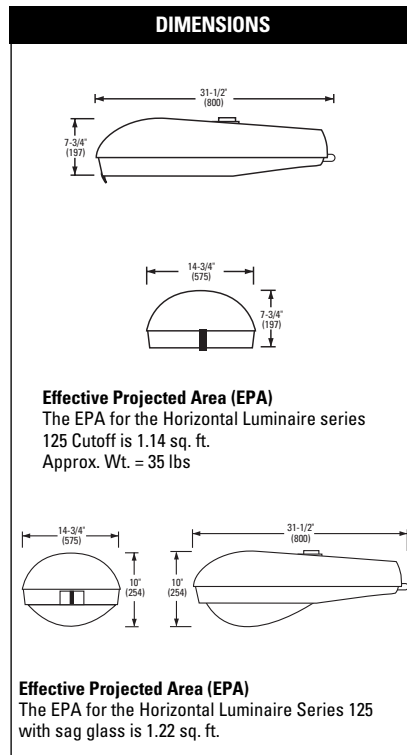
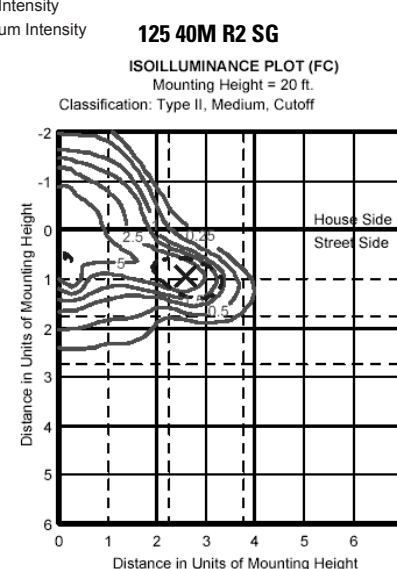


#### Applications:

- Roadways
- Residential streets
- Storage areas
- Parking lots
- Campuses
- Parks



Maximum Intensity  
1/2 Maximum Intensity



For Flat Glass Optics see Note 7 for Socket Location



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### ORDERING INFORMATION

Example: 125 40S CA MT1 R3 FG LC PC

Series	Wattage / Source		Ballast	Voltage	Distribution
125 Single Door Cobrahead	17	175W	S HPS	120	120V
	20	200W	M MH	208	208V
	25	250W	V MV	220	220V
	31	310W		240	240V
	40	400W		277	277V
	23	250/400W wired 250		347	347V
	24	250/400W wired 400		480	480V
			RN	MT1	Multi-tap wired 120V
			RH	MT8	Multi-tap wired 208V
			XN	MT2	Multi-tap wired 240V
		XH	MT7	Multi-tap wired 277V	
		CA	TT1	Tri-tap wired 120V	
		CT	TT7	Tri-tap wired 277V	
		MR	TT3	Tri-tap wired 347V	
		XX	DT1	Dual Tap 120/240 wired 120V	
			DT2	Dual Tap 120/240 wired 240V	
			DT3	Dual Tap 240/480 wired 240V	
			DT4	Dual Tap 240/480 wired 480V	

Options	
	Optics
	FG Flat Glass Clear Tempered
	SG Sag Glass Clear Tempered

Refer to Optical Matrix below for compatibility

Maximum number of options is six, for more options please contact your local American Electric Lighting representative

#### Mounting

- (blank) 4-bolt Internal (standard)
- M2** 2-bolt Internal 2" setting
- 2B** 2-bolt Internal 1-1/4" setting

#### Paint<sup>1</sup>

- (blank) Gray (standard)
- BK** Black
- BZ** Bronze
- WH** White
- UP** Unpainted

#### Terminal Block

- (blank) Terminal Block (standard)
- T2** Wired to L1 & L2 Positions
- T3** 3 Wire Operation (L1, N, L2 Position)<sup>9</sup>

#### Listing

- UL** UL Listed
- CS** CSA Certified

#### Fusing<sup>2</sup>

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

#### Photocontrol Receptacle

- (blank) NEMA Photocontrol Receptacle (standard)
- NR** No Photocontrol Receptacle<sup>3</sup>
- PB** Phosphor Bronze Contacts

#### Lamp

- LC** Lamp Included, Clear
- LD** Lamp Included, Deluxe/Coated
- LG** Self-Igniting Lamp<sup>4</sup>

#### Starter<sup>5</sup>

- (blank) Open Board (standard)
- EC** Encapsulated Plug-in
- OP** Open Plug-in
- SN** No Ignitor (use self-igniting lamp)

#### Misc.

- PC** Photocontrol Included per Voltage Specified
- BL** Bubble Level
- SS** Stainless Steel Fasteners (external)
- CF** Charcoal Filter
- PL** Distribution Pattern Indicator Label
- LA** Lightning Arrestor (Void UL/CSA Certified Options)
- 5H** 50 Hertz Ballast Cycle<sup>6</sup>
- NN** No NEMA Label on Housing
- SH** Shorting Cap
- LCU** Low Copper Alloy Content (less than 1%)
- HK** Hinge Keeper
- HP** High Performance<sup>7</sup>
- BF** Bridge Fitter<sup>8</sup>

#### Notes:

- 1 Other colors available, please contact your local American Electric Lighting representative
- 2 Voids UL/CSA Certified Options, not available with MT, TT, DT voltages
- 3 PB, PC, SH, not available in NR option
- 4 Requires SN starter option
- 5 Available in HPS only
- 6 Limited availability, please contact your local American Electric Lighting representative
- 7 Available with FG optics only. Mogul base socket mounted on street side of reflector
- 8 Tested to withstand 3G vibration, 4B standard required
- 9 Not available for 120v fixtures

#### Optic Distribution

	R2SG	R3SG	R2FG	R3FG	R2 FG HP	R3 FG HP
20S	◆	◆	◆	◆	◆	◆
25S	◆	◆	◆	◆	◆	◆
31S	◆	◆	◆	◆	◆	◆
40S	◆	◆	◆	◆	◆	◆
17M	-	-	◆	◆	-	-
25M	-	-	◆	◆	-	-
40M	◆	◆	-	-	-	-
17V	-	-	◆	◆	-	-
25V	-	-	◆	◆	-	-
40V	◆	◆	-	-	-	-



An Acuity Brands Company

#### American Electric Lighting

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