

Roadway Series 115

Roadway Lighting Luminaires - Cobrahead

35 - 400W HPS, 100 - 250W MV/MH

PRODUCT OVERVIEW

Features:

Rugged die-cast aluminum housing is powder-coated for durability and corrosion resistance. Two-bolt mast arm mount provides easy, secure installation and adjustability for arms from 1-1/4" to 2" (32mm to 51mm) diameter. Optional 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. 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) on the two-bolt unit 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 borosilicate glass, acrylic, 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 base socket standard. Suitable for -30°C MH & MV / -40°C HPS. Complies with ANSI: C136.2, C136.10, C136.14, C136.15, C136.17



Applications:

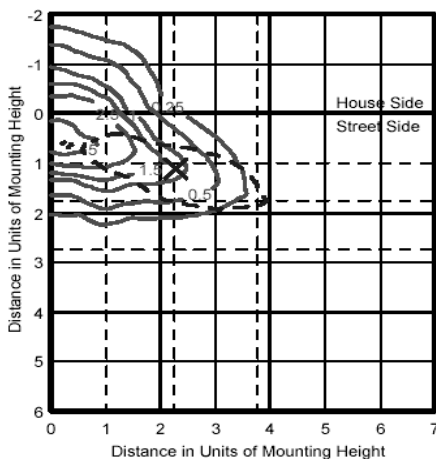
- Roadways
- Residential streets
- Storage areas
- Parking lots
- Campuses
- Parks

115 15S R3 DA

ISOILLUMINANCE PLOT (FC)

Mounting Height = 20 ft.

Classification: Type III, Medium, Semicutoff

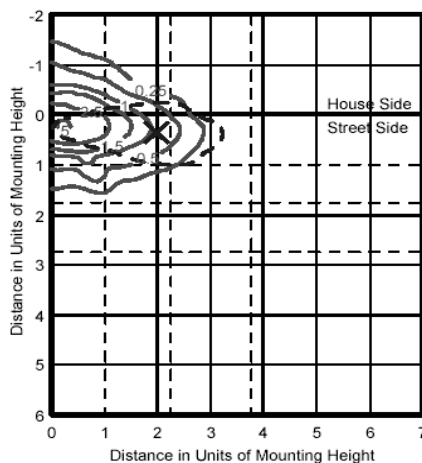


115 17V R2 DA

ISOILLUMINANCE PLOT (FC)

Mounting Height = 20 ft.

Classification: Type I, Short, Semicutoff

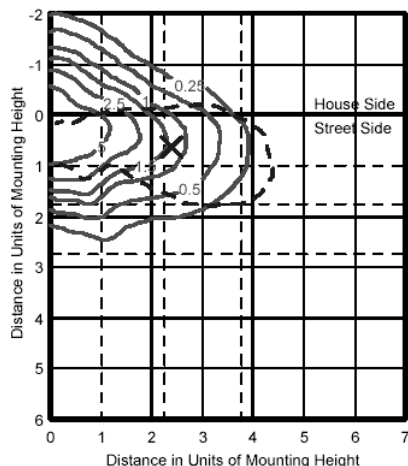


115 25S R3 DG

ISOILLUMINANCE PLOT (FC)

Mounting Height = 20 ft.

Classification: Type III, Medium, Semicutoff

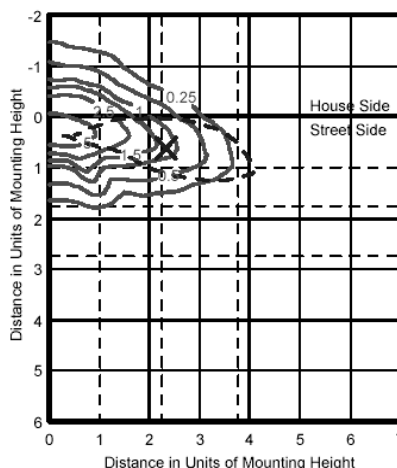


115 15S R2 DP

ISOILLUMINANCE PLOT (FC)

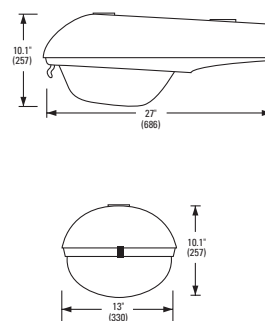
Mounting Height = 20 ft.

Classification: Type II, Medium, Semicutoff



Maximum Intensity
1/2 Maximum Intensity

DIMENSIONS



Effective Projected Area (EPA)

The EPA for the Horizontal Luminaire Series 115 is 0.9 sq. ft.
Approx. Wt. = 19 lbs.

Roadway Series 115

Roadway Lighting Luminaires — Cobrahead

35-400W HPS, 100-250W MH/MV

ORDERING INFORMATION

Example: 115 15S RN 120 R2 DG LC PC

Series	Wattage / Source		Ballast	Voltage	Distribution
115 Single Door Cobrahead	03	35W	S HPS	120	R2 Roadway Type II
	05	50W	M MH	208	R3 Roadway Type III
	07	70W	V MV	220	RX Roadway Type II 4-way
	10	100W		240	
	13	100/150W wired 100W		277	
	14	100/150W wired 150W		347	
	15	150W		480	
	17	175W		MT1 Multi-tap wired 120V	
	20	200W		MT8 Multi-tap wired 208V	
	25	250W		MT2 Multi-tap wired 240V	
40	400W		MT7 Multi-tap wired 277V		
			TT1 Tri-tap wired 120V		
			TT7 Tri-tap wired 277V		
			TT3 Tri-tap wired 347V		
			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		
			CA CWA		
			CT CWI		
			MR Mag Reg (3 Coil)		
			XX No Ballast		

Refer to Optic Distribution
Matrix below for compatibility

Optics
DA Drop Acrylic Prismatic Refractor
DP Drop Polycarbonate Prismatic Refractor
DG Drop Glass Prismatic Refractor

Options

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

Mounting

(blank)	2-bolt Internal 1-1/4" setting (standard)
EF	External Fitter (2-bolt only)
4B	4-bolt Internal
M2	2-bolt Internal 2" setting
E2	External Fitter 2" Mast Arm (2-bolt only)

Paint¹

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

Terminal Block

(blank)	Terminal Block (standard)
T2	Wired to L1 to L2 Position
T3	3 Wire Operation (L1, N, L2 Position) ⁸

Listing

UL	UL Listed
CS	CSA Certified

Fusing²

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

Photocontrol Receptacle

(blank)	NEMA Photocontrol Receptacle (standard)
NR	No Photocontrol Receptacle ³
PB	Phosphor Bronze Contacts

Lamp

LC	Lamp Included, Clear
LD	Lamp Included, Deluxe/Coated
LG	Self-Igniting Lamp ⁴

Starter⁵

(blank)	Open Board (standard)
EC	Encapsulated Plug-in
OP	Open Plug-in
ES	External Encapsulated Plug-in
SN	No Ignitor (using 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 ⁶
NN	No NEMA Label on Housing
SH	Shorting Cap
HK	Hinge Keeper
LCU	Low Copper Alloy Content (less than 1%)
BF	Bridge Fitter ⁷

Notes:

- Other colors available, please contact your local American Electric Lighting representative
- voids UL/CSA Certified Options and not available in MT, TT, DT voltages
- PB, SH, and PC not available with NR option
- Requires SN option
- For HPS products only
- Limited availability, please contact your local American Electric Lighting representative
- Tested to withstand 3G vibration, 4B option required
- Not available for 120v fixtures.

Optic Distribution

	R2DA	R3DA	R2DP	R3DP	R2DG	R3DG	RXDG
03S	◆	◆	◆	◆	◆	◆	◆
05S	◆	◆	◆	◆	◆	◆	◆
07S	◆	◆	◆	◆	◆	◆	◆
10S	◆	◆	◆	◆	◆	◆	◆
15S	◆	◆	◆	◆	◆	◆	◆
20S	-	-	◆	◆	◆	◆	◆
25S	-	-	◆	◆	◆	◆	◆
40S	-	-	-	-	◆	◆	◆
17M	◆	◆	◆	◆	◆	◆	◆
25M	◆	◆	◆	◆	◆	◆	◆
17V	◆	◆	◆	◆	◆	◆	◆
25V	-	-	◆	◆	◆	◆	◆



An Acuity Brands Company

American Electric Lighting

Acuity Lighting Group, Inc.
1335 Industrial Boulevard, Conyers, GA 30012
Phone: 800-754-0463 Fax: 770-860-3255
www.americanelectricleighting.com