

American Revolution™ Series 247 Decorative Post Top

50-150W HPS, 100-175W MV, 175 MH

PRODUCT OVERVIEW

Features:

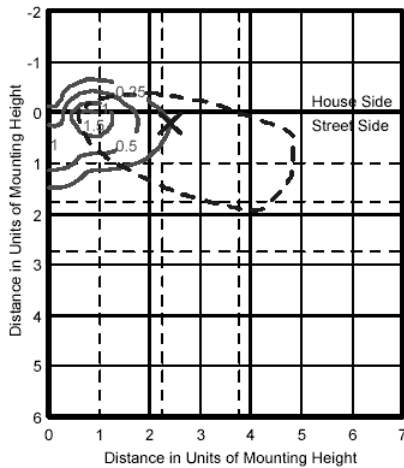
- Die-cast aluminum housing and hood for long-life performance.
- Optical assembly designed for maximum performance.
- Hinged hood and captive screw provision afford quick, easy access to electrical and optical area for relamping or servicing.
- Slipfitter with three set screws allows secure installation to pole sizes 2-3/8" or 3" OD.
- E39 mogul base socket standard.
- All electrical components warranted by American Electric Lighting's 6-year guarantee.
- Complies with ANSI: C136.2, C136.10, C136.15, C136.3.1
- Suitable for -30°C MH & MV / -40°C HPS.



247 70S R3 AY

ISOILLUMINANCE PLOT (FC)
Mounting Height = 20 ft.

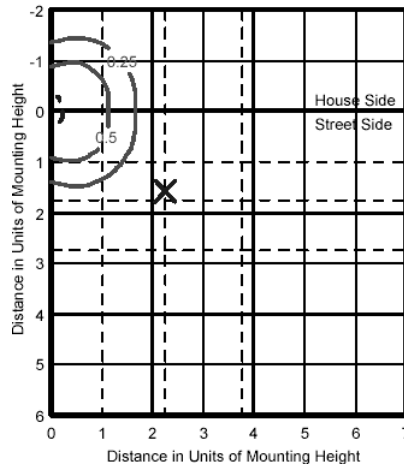
Classification: Type III, Medium, Semicutoff



247 15S R5 AY

ISOILLUMINANCE PLOT (FC)
Mounting Height = 20 ft.

Classification: Type I, Medium, Semicutoff



Applications:

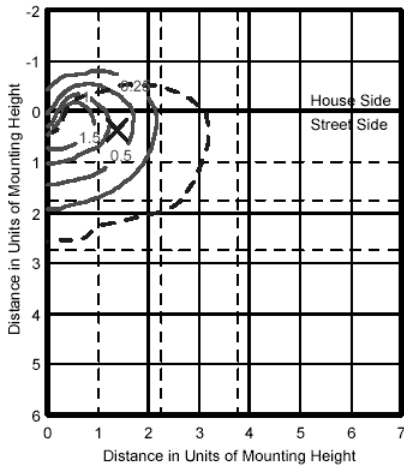
- Streetscapes
- Walkways
- Pathways
- Parks

Maximum Intensity
1/2 Maximum Intensity

247 17V R3 AY

ISOILLUMINANCE PLOT (FC)
Mounting Height = 20 ft.

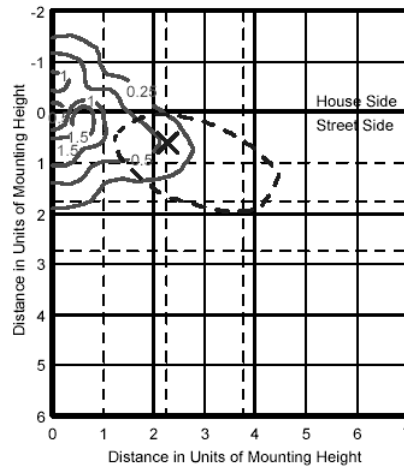
Classification: Type III, Short, Cutoff



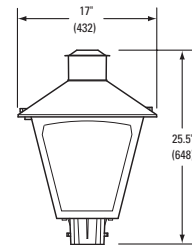
247 17V TV AY

ISOILLUMINANCE PLOT (FC)
Mounting Height = 20 ft.

Classification: Type III, Medium, Semicutoff



DIMENSIONS



Effective Projected Area (EPA)

The EPA for the American Revolution Series 247 is 1.6 sq. ft.
Approx. Wt. = 36 lbs.

American Revolution

Series 247

50-150W HPS, 100-175W MV, 175W MH

ORDERING INFORMATION

Example: 247 15S RN 120 R5 AY EC

Series	Wattage / Source		Ballast	Voltage	Distribution	
247 American Revolution Post Top	05	50W	S HPS	120	120V	R2 Type II R3 Type III R5 Type V ² RV Type V ³
	07	70W	M MH	208	208V	
	10	100W	V MV	220	220V	
	15	150W	X Incandescent	240	240V	
	17	175W	(order with XX ballast option)	277	277V	
	00	Incandescent		347	347V	
			XH High Reactance / Lag High Power Factor	480	480V	Optics AY Acrylic PY Polycarbonate <i>Refer to Optical Matrix below for compatibility</i>
			CA CWA Autotransformer	MT1 Multi-tap wired 120V		
			CT CWI Autotransformer	MT8 Multi-tap wired 208V		
			MR Mag Reg (3 coil) ¹	MT2 Multi-tap wired 240V		
			XX No Ballast	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		
Options						
<i>Maximum number of options is six. For more options, please contact your local American Electric Lighting representative.</i>						

Paint⁴
 (blank) Black (standard)
GY Gray
WH White
BZ Bronze

Lamp
LC Lamp Included, Clear
LD Lamp Included, Deluxe/Coated
LG Self-igniting Lamp⁸

Terminal Block
 (blank) Terminal Block (standard)
T2 Wired to L1 & L2 Position
T3 3 Wire Operation (L1, N, L2 Position)⁵

Starter⁹
 (blank) Open Board (standard)
EC Encapsulated Plug-in¹¹
OP Open Plug-in
SN No ignitor (use self-igniting lamp)

Listing
UL UL Listed
CS CSA Certified

Misc.
PC Photocontrol Included per Voltage Specified
SS Stainless Steel Hardware
5H 50 Hertz Ballast Cycle¹⁰
NL NEMA Label (2x2)
HS Houseside Shield
WS Wildlife Shield (cupola)
PU Without Cupola
TL Tool-less Entry

Fusing⁶
SF Single Fuse (120, 277, 347V)
DF Double Fuse (208, 220, 240, 480V)

Photocontrol Receptacle
 (blank) NEMA Photocontrol Receptacle (standard)
NR No Photocontrol Receptacle⁷
PB Phosphor Bronze Contacts

Notes:

- 1 MR not available with UL and CSA listing
- 2 Four white panels
- 3 Four clear panels
- 4 Other colors available, please contact your local American Electric Lighting representative
- 5 Not applicable for 120 volt
- 6 Voids UL/CSA Certified Options not available with multi-tap voltage options
- 7 PB, PC, SH not available with PR option
- 8 Requires SN option
- 9 HPS only
- 10 Limited availability, please contact your local American Electric Lighting representative
- 11 Not available with UL

Optic Distribution

	R2 AY	R3 AY	R5 AY	RV AY	R2 PY	R3 PY	R5 PY	RV PY
05S	◆	◆	◆	◆	◆	◆	◆	◆
07S	◆	◆	◆	◆	◆	◆	◆	◆
10S	◆	◆	◆	◆	◆	◆	◆	◆
15S	◆	◆	◆	◆	◆	◆	◆	◆
17M	◆	◆	◆	◆	◆	◆	◆	◆
17V	◆	◆	◆	◆	◆	◆	◆	◆