

Specification Sheet

Catalog Number: 1233-35U
Document #: 010-9684
Date: 2/17/2003

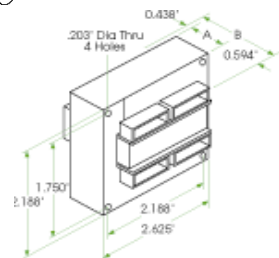
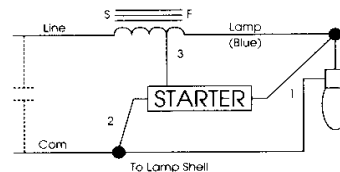
50W HIGH PRESSURE SODIUM

Lamp Type	50W HPS
ANSI Designation	S68
Line Voltage	120
Regulation	5%
Frequency	60 HZ
Recommended Fuse	5
Circuit Type	Reactor
Insulation Class	180 C
Capacitor Value	20Mf for HPF
Capacitor Volt Rating	120
Capacitor Part Number	005-1418-MF
Starting Aid	HPS150-3A

Replaces Catalog #	-
Samples Available	Yes
Production Available	Yes
Agency Certification	UL&CSA
Maximum Distance to Lamp	3 Ft.

FEATURES: Bobbin Wound

Wiring Diagram 1



Electrical Characteristics

Line Volt	Power Factor	Line Current in Amps			Input Watts	Open Circuit Volts	Drop Out Volts	Min. Start Temp.	UL Temp. Code
		Oprtn	Open	Start					
120	Normal	1.18	N/A	1.50	60	120	90	-40C	A
120	HPF	0.54	0.90	0.68	60	120	90	-40C	A

Test Limits

Line Volt	Power Factor	Line Current, Amps						Open Circuit Voltage (V)	
		Operating		Open		Short		Min.	Max.
		Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
120	Normal	1.07	1.32	-----	-----	1.35	1.70	114	126
120	HPF	0.49	0.60	0.45	1.32	0.60	0.75	114	126

Physical Characteristics

Overall Dimensions, Inches				Mounting Holes (In.)			Bracket Mntng Dim		Capacitor Dim.		Ballast Net Weight	Lead Length Inches
Length	Height	Stack	Over Coils	Diam	Length	Width	Length	Width	Section	Length		
2.63	2.19	0.94	1.97	0.203	2.19	1.75	-	-	-	1.75	12-14	

For samples, contact your Universal Lighting Technologies, Inc. Representative.
 Application and Performance Specification Information Subject to Change without Notification.