



# HPS-100R-1-KIT

## 100W HIGH PRESSURE SODIUM BALLAST KIT



### DESCRIPTION

100W High Pressure Sodium Ballast Kit | 120V

<b>LAMP TYPE:</b> 70W High Pressure Sodium (S54)
<b>INPUT VOLTAGE:</b> Single (120V)
<b>CIRCUIT TYPE:</b> R-NPF/R-HPF
<b>WARRANTY:</b> 2 Years



### PRODUCT FEATURES

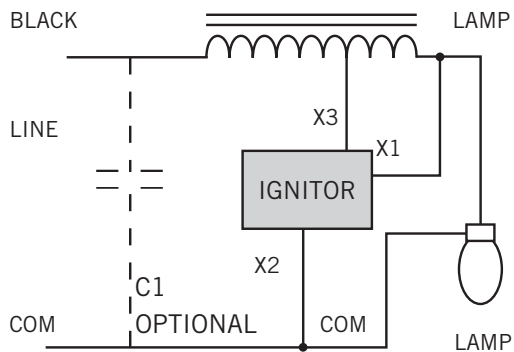
- ANSI Designation: S62
- Line Voltage: 120
- Regulation: 5%
- Frequency: 60 Hz
- Recommended Fuse (A): 10
- Circuit Type: R-NPF/R-HPF
- Insulation Class: 180°C
- Capacitor: 46  $\mu$ F
- Capacitor Voltage Rating: 120 V
- Capacitor Temperature Rating: 90°C
- Winding Materials: Copper
- Lamp Starter: XG-01
- Agency Certification: RU, cRU
- Maximum Distance to Lamp: 3 ft.

### ELECTRICAL SPECIFICATIONS

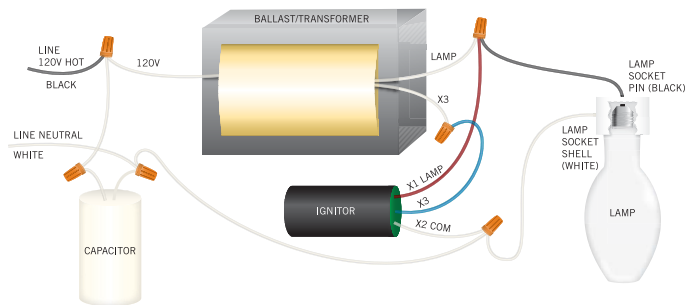
LINE VOLTAGE	POWER FACTOR	LINE CURRENT			INPUT POWER	OPEN CIRCUIT VOLTAGE	MINIMUM START TEMP	CLASS N 200°C UL TEMP CODE
		OPERATING	OPEN CIRCUIT	STARTING				
120V	NPF	2.26A	N/A	2.92A	109W	120V	-40°F/-40°C	A

### WIRING DIAGRAM

DIAGRAM H1



H1



(Capacitor is optional on HX models)

Colors shown represent the most common configuration. However, depending on the application and local code, slight differences may exist.

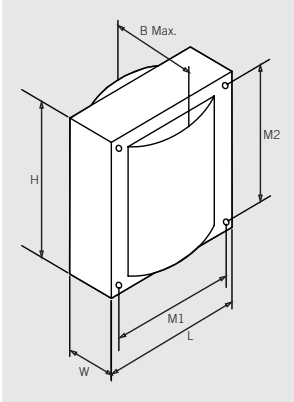


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### PHYSICAL SPECIFICATIONS

#### CASE STYLE

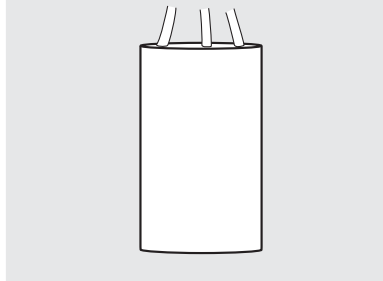


OVERALL DIMENSIONS			
Length	Width	Height	B Max.
2.64"	2.25"	1.54"	2.72"

MOUNTING HOLES		
Diameter	M1	M2
0.20"	2.19"	1.79"

BRACKET DIMENSIONS		Ballast Net Weight	Lead Length
Length	Width		
N/A	N/A	2.50 lbs	12-14"

#### IGNITOR SPECIFICATIONS



Lamp Type	HPS
Wattage	100
Type	XG-01

### ORDERING INFORMATION

ORDER CODE	PACK QTY.	ITEM STATUS
HPS-100R-1-KIT	1	Quick Ship

Each kit includes the ballast pre-wired to a properly rated capacitor and ignitor (if required), mounting hardware, and pictorial installation guide.

### CATALOG NUMBER BREAKDOWN

# HPS-100R-1-KIT

- 1
- 2
- 3
- 4
- 5

- 1 High Pressure Sodium
- 2 Input Power
- 3 Circuit Reactor
- 4 120 V Single Tap
- 5 HID Replacement Kit