

LAMP TYPE: 250W High Pressure Sodium (S50) **INPUT VOLTAGE:** 5-Tap (120/208/240/277/480) **CIRCUIT TYPE:** CWA

PRODUCT FEATURES

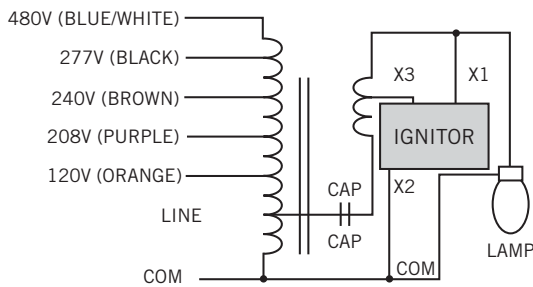
- ANSI Designation: S50
- Line Voltage: 120/208/240/277/480
- Regulation: 10%
- Frequency: 60 Hz
- Recommended Fuse (A): 7/4/4/3/2
- Circuit Type: CWA
- Insulation Class: 200°C
- Capacitor: 35 μ F
- Capacitor Voltage Rating: 240 V
- Capacitor Temperature Rating: 105°C
- Winding Materials: Cu/Al
- Lamp Starter: IGN-XG-02 /P
- Agency Certification: RU, cRU

ELECTRICAL SPECIFICATIONS

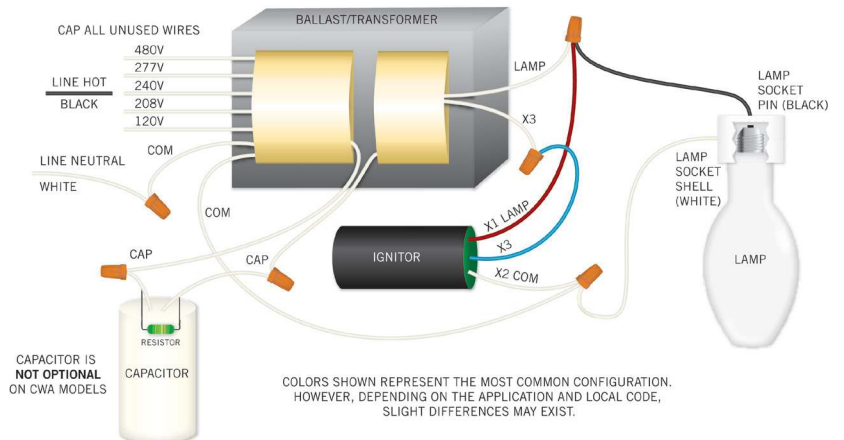
LINE VOLTAGE	POWER FACTOR	LINE CURRENT			INPUT POWER	OPEN CIRCUIT VOLTAGE	MINIMUM START TEMP	CLASS N 200°C UL TEMP CODE
		OPERATING	OPEN CIRCUIT	STARTING				
120V	High	2.60A	2.00A	1.40A	298V	185V	-40°F/-40°C	A
208V	High	1.50A	1.20A	0.80A	298V	185V	-40°F/-40°C	A
240V	High	1.30A	1.00A	0.70A	298V	185V	-40°F/-40°C	A
277V	High	1.10A	0.90A	0.60A	298V	185V	-40°F/-40°C	A
480V	High	0.60A	0.50A	0.40A	298V	185V	-40°F/-40°C	A

WIRING DIAGRAM

DIAGRAM H9

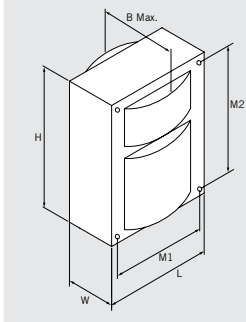


Input wires may be color coded as shown above or all white and labeled accordingly.



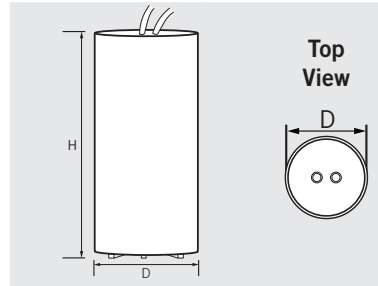
PHYSICAL SPECIFICATIONS

BALLAST SPECIFICATIONS



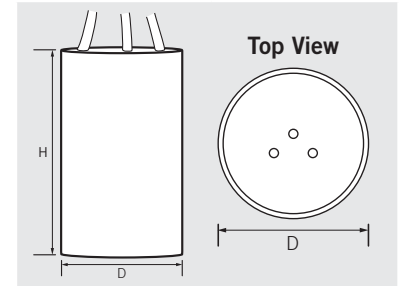
LENGTH	4.25"
WIDTH	1.97"
HEIGHT	4.75"
MOUNTING 1	3.875"
MOUNTING 2	4.375"
B MAX.	3.90"
NET WEIGHT	10.7 lbs
LEAD LENGTH	12-14"

CAPACITOR SPECIFICATIONS



DIAMETER	1.78"
HEIGHT	3.15"
TYPE	Dry Film

IGNITOR SPECIFICATIONS



DIAMETER	1.40"
HEIGHT	2.60"
TYPE	CWA

ORDERING INFORMATION

ORDER CODE	PACKAGING STYLE	PACK QTY.	ITEM STATUS
HPS-250A-P-KIT 3/1	Individually Packaged	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.

NOTE: Version P2 (Manufacturing Revision). Prior versions of this ballast exist. Spec sheets for prior versions available upon request. Contact Keystone for details.

CATALOG NUMBER BREAKDOWN

HPS-250A-P-KIT

High Pressure Sodium Input Power CWA Circuit 5-Tap Ballast Kit