



LAMP TYPE: 400W High Pressure Sodium (S51) **INPUT VOLTAGE:** 5-Tap (120/208/240/277/480) **CIRCUIT TYPE:** CWA

PRODUCT FEATURES

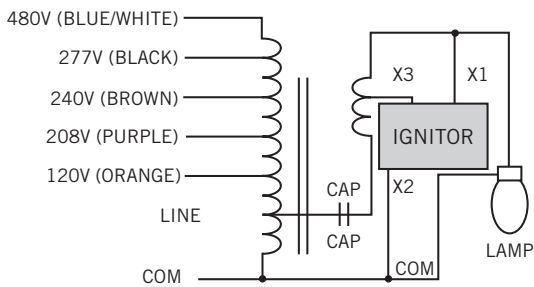
- ANSI Designation: S51
- Line Voltage: 120/208/240/277/480
- Regulation: 10%
- Frequency: 60 Hz
- Recommended Fuse (A): 10/7/5/5/3
- Circuit Type: CWA
- Insulation Class: 200°C
- Capacitor: 55 μ F
- Capacitor Voltage Rating: 240 V
- Winding Materials: Cu/Al
- Lamp Starter: IGN-XG-02 /P
- Agency Certification: RU, cRU

ELECTRICAL SPECIFICATIONS

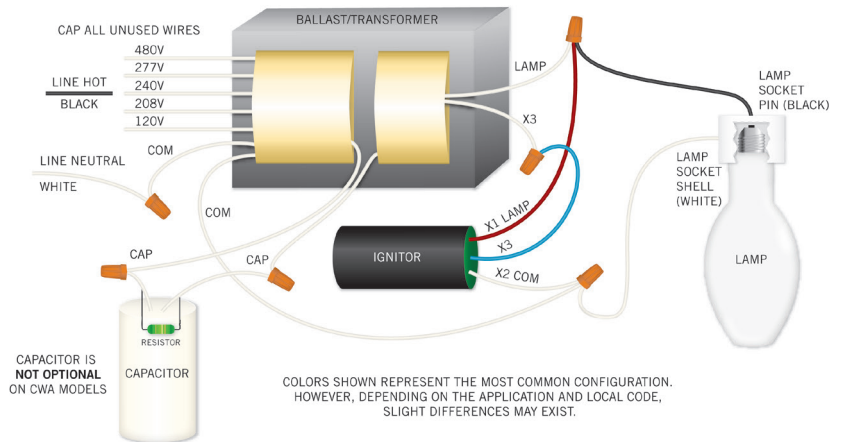
| LINE VOLTAGE | POWER FACTOR | LINE CURRENT | | | INPUT POWER | OPEN CIRCUIT VOLTAGE | MINIMUM START TEMP | CLASS N 200°C UL TEMP CODE |
|--------------|--------------|--------------|--------------|----------|-------------|----------------------|--------------------|----------------------------|
| | | OPERATING | OPEN CIRCUIT | STARTING | | | | |
| 120V | High | 3.80A | 2.00A | 3.10A | 298V | 185V | -40°F/-40°C | A |
| 208V | High | 2.20A | 1.20A | 1.80A | 298V | 185V | -40°F/-40°C | A |
| 240V | High | 1.90A | 1.00A | 1.60A | 298V | 185V | -40°F/-40°C | A |
| 277V | High | 1.60 | 0.90A | 1.40A | 298V | 185V | -40°F/-40°C | A |
| 480V | High | 0.90A | 0.50A | 0.80A | 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 | 2.56" |
| | HEIGHT | 4.75" |
| | MOUNTING 1 | 3.875" |
| | MOUNTING 2 | 4.375" |
| | B MAX. | 4.70" |
| | NET WEIGHT | 13.5 lbs |
| LEAD LENGTH | 12" | |

CAPACITOR SPECIFICATIONS

| | |
|---------------|----------|
| | |
| | |
| HEIGHT | 3.15" |
| TYPE | Dry Film |

IGNITOR SPECIFICATIONS

| | |
|---------------|-------|
| | |
| | |
| HEIGHT | 2.60" |
| TYPE | CWA |

ORDERING INFORMATION

| ORDER CODE | PACKAGING STYLE | PACK QTY. | ITEM STATUS |
|--------------------|-----------------------|-----------|-------------|
| HPS-400A-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.

CATALOG NUMBER BREAKDOWN

| | | | | |
|-----------------------|-------------|-------------|-------|-------------|
| HPS-400A-P-KIT | | | | |
| High Pressure Sodium | Input Power | CWA Circuit | 5-Tap | Ballast Kit |