

Sign Bright

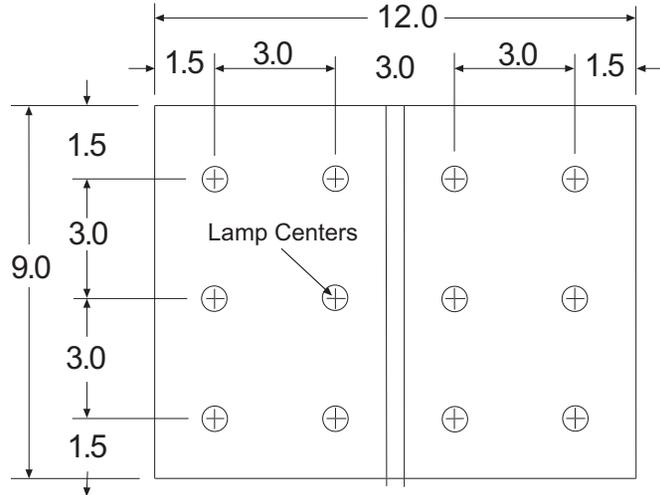
by **FRANCE**

HID Lighting Fixture

SBIP - 400 400W
SBIP - 250 250W



SBIP-250 Spacing Examples *



Dimensions are in feet unless otherwise specified.

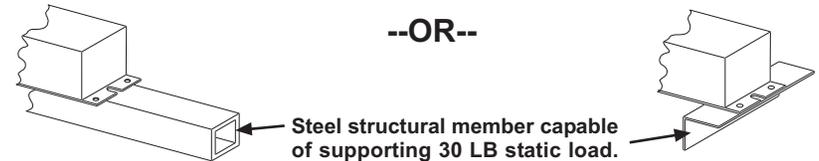
◆ **9 ft X 12 ft wide double sided flex face sign, minimum 30 in deep cabinet using (12) SBIP-250 HID fixtures.**

- ◆ **Total sq ft = 108**
- ◆ **Total light output = 210,000 lumens**
- ◆ **Total luminance = 1944 lumens/sq ft face area ****
- ◆ **Line load @120V/60HZ = 28.4 amps**
- ◆ **Line load @ 277V/60HZ = 13.2 amps**

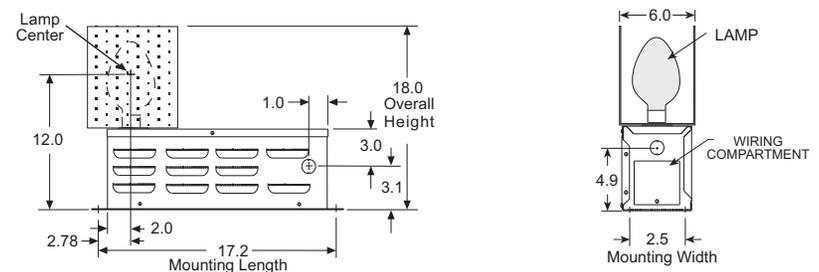
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1-800-753-2753

<p>DANGER-</p> <ul style="list-style-type: none"> ◆ Case and any connected metal may become electrified if unit is not grounded properly and a secondary ground fault occurs. ◆ Hazardous voltage will cause shock, burn or death. <p>CAUTION -</p> <ul style="list-style-type: none"> ◆ Disconnect Power prior to installation or servicing. ◆ Replacement lamp must match type indicated on product label. 	<p>PARTS LIST</p> <ul style="list-style-type: none"> (1) Ballast Can with Mogul Socket (1) Perforated Diffuser Screen (1) 400 or 250 Watt Frosted Metal Halide Lamp (4) Screws for attaching Diffuser 	<p>NOTICE: To be compliant with UL Standard for Electric Signs, unit must be installed per these instructions. Unit may be mounted with the lamp in any position.</p>
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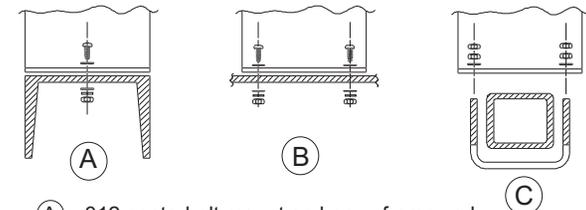


Step 1 - Determine mounting location (see spacing examples pages 3 & 4)

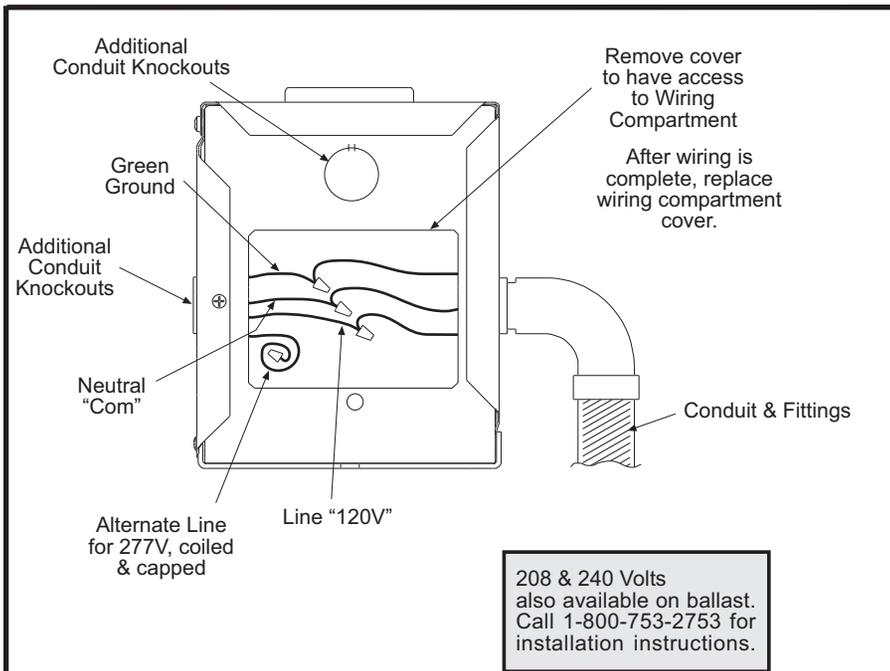


Dimensions are in inches unless otherwise specified.

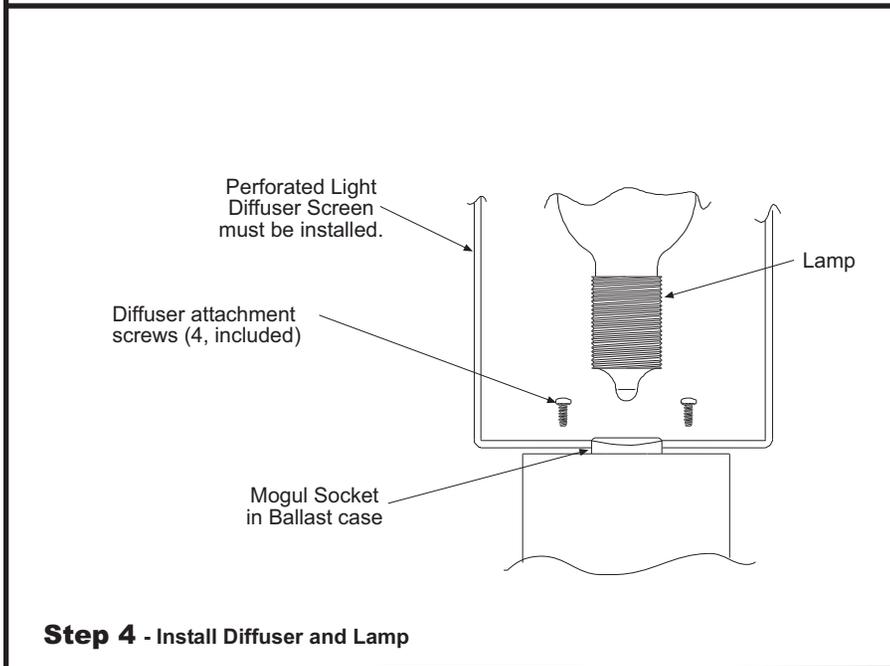
Step 2 - Mount Ballast unit on structural member with appropriate hardware.



- (A) .312 centerbolt mount on heavy framework
- (B) .250 double bolt mount on lighter framework
- (C) 2.50 x .250 clamp bolt around max 2.0 tubular framework

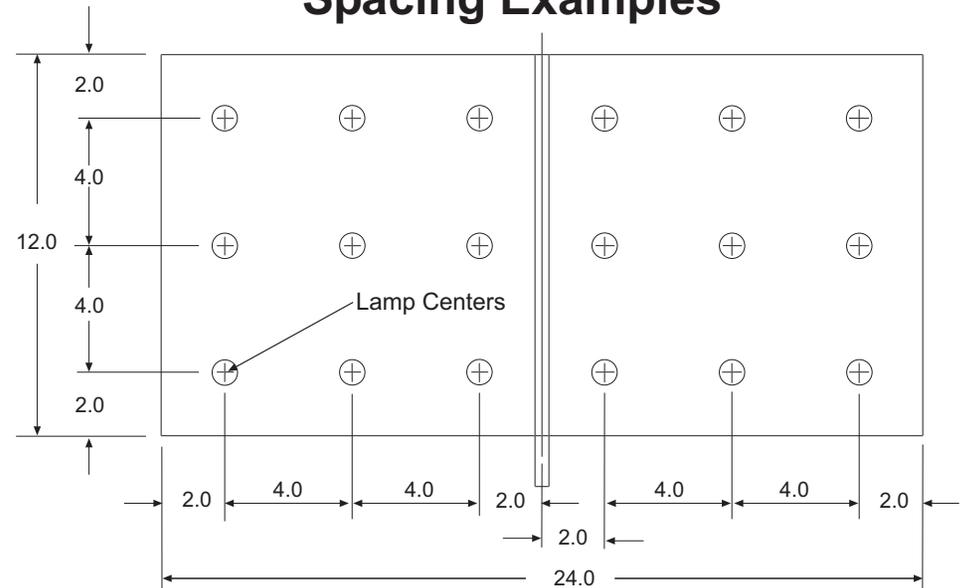


Step 3 - Hook up electrical



Step 4 - Install Diffuser and Lamp

SBIP-400 Spacing Examples *



Dimensions are in feet unless otherwise specified.

◆ 12 ft X 24 ft wide double sided flex face sign, minimum 36 in deep cabinet using (18) SBIP-400 HID fixtures.

◆ Total sq ft = 288

◆ Total light output = 504,000 lumens

◆ Total luminance = 1750 lumens/sq ft face area**

◆ Line load @ 120V/60HZ = 68.4 amps

◆ Line load @ 277V/60HZ = 28.8 amps

* These examples are for reference only.

Spacing will be determined by framework construction size and depth, luminance level desired, face substrate and face decoration.

** Mean light output after initial 100 hr burn-in period.

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SIGN BRIGHT 208 & 240 VOLT WIRING INSTRUCTIONS

FRANCE Sign Bright HID Lighting Fixtures are supplied with 208 and 240 volt input wires inside the cover. They are easily accessed using the following procedure.

1. Remove cover from base by unscrewing side screws and sliding cover straight up and off. Keep the screws for closing.
2. Slide 2 wire inserts holding the 4 wiring compartment wires out from the 2 partitions.
3. Roll up the 277 volt wire into the ballast compartment and secure at end of ballast away from sides of coils.
4. Find the coiled 208 volt or 240 volt wire you want to use and uncoil it.
5. Insert this wire along with the 120v, common and green ground wires back into the 2 inserts and slide them into the 2 partitions.
6. Cap off the 120v wire with an insulated crimp or wire nut.
7. Cut off the cap from the 208 or 240v wire and strip wire.
8. Slide cover back down over unit making sure all wires are inside the cover and are not pinched against the base.
9. Secure cover in place with screws.

The Sign Bright is now ready for installation to a 208 or 240 volt power line using instructions supplied with the fixture.

After installing conduit to the wiring compartment and routing wires, connect ground to ground, common/neutral to neutral and 208 or 240v to 208 or 240v wires. If a phased system is used, connect ground to ground, either one of the power lines to the common/neutral and the second power line to the 208 or 240 volt wire.

Please call FRANCE at 1-800-753-2753 for any additional information.