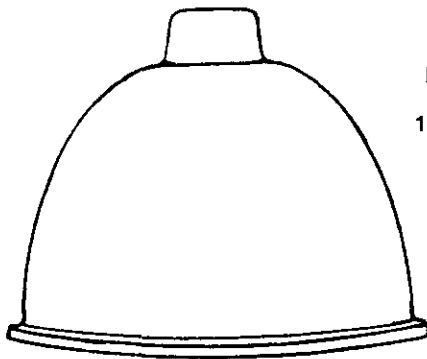
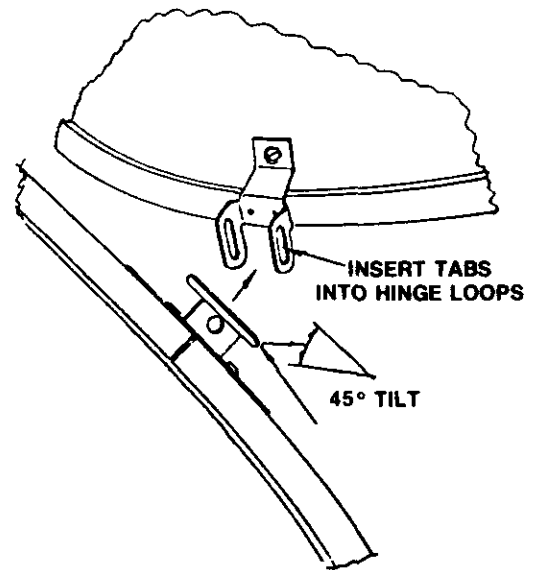


# INSTALLATION INSTRUCTIONS FOR 19" DIAMETER OPEN BOTTOM AND CLOSED TOP AISLE LIGHTER INDUSTRIAL REFLECTOR BL-AL



**AL  
REFLECTOR  
19" DIA.  
13 3/16" HIGH**



**Please Read Thoroughly Before Installing**

## A. TO INSTALL 19" DIAMETER BL-AL REFLECTOR

1. Locate four (4) reflector brackets that are shipped with the reflector. Assemble them into two groups for separate instruction sheet and skotch.
2. Check the light distribution adjustment chart to find a proper setting for this movable bracket based upon the type and wattage of the light source. Wide beam recommended.
3. Adjust the movable bracket up and down until the correct letter (adjustment) appears in the upper right hand hole over the letter column. This letter also appears thru a hole on the back side of the upper bracket. Secure in this position by tightening the retaining screw. Mount brackets to reflector with extra two screws in plastic bag. Screws can be inserted downward from the outside or upward from the inside.
4. Back off two screws in lower side of ballast housing about five (5) turns each.
5. If the fixture is equipped with a quartz standby or emergency lighting socket bracket, orient the reflector so that the mousehole in the top of the reflector will align with the side of the HID lamp socket that the auxiliary QSS cable emerges (from). See additional instructions for -QSS attachment.
6. Attach brackets, with key holes, to ballast housing and tighten screws on both sides.
7. Straighten both bracket pairs to align the optical assembly and to ensure that the HID lamp is centered in the reflector. **Make sure everything is tightened for proper engagement.**

## B. PHOTOMETRIC DISTRIBUTION AND BRACKET POSITIONING CHART

1. Bracket positions indicated by letters in chart.
2. Letter on upper bracket appears in indicator circle on lower sliding bracket.

**DISTRIBUTIONS RECOMMENDED**

SOURCE	WATTAGE	WIDE
HPS	400	B
	250	B
	150	A
MH	400	C
	250	A
	175	A

## C. INSTALL LENS SUB-ASSEMBLY TO BOTTOM OF 19" DIAMETER REFLECTOR

1. Take the hinge bracket from the hardware bag and install it over the reflector flange in the hole provided. Use the No. 8 thread rolling screw in the bag and retain with Keps nut.
2. Hold lens sub-assembly horizontal, upside down, outside and opposite the hinge bracket location on the reflector flange with the integral hinge pin on the lens ring pointing at the hinge bracket.
3. Tilt the lens sub-assembly about 45° and insert the hinge pin ends between the hinge bracket loops.
4. Tilt the lens sub-assembly back to horizontal and make sure the hinge pin has engaged the hinge bracket.
5. Swing the lens sub-assembly down allowing the hinge pin to pivot in the hinge bracket. It should swing freely.
6. Center the assembly and swing the three (3) attached spring clips upward over the reflector flange and snap in place to secure.

## D. INSTALL WIRE GUARD ACCESSORY BL-WG19 APPLICATION

1. Back off both screws that hold the wire guard together. Open far enough to spread wire guard over reflector flange.
2. Raise guard up to bottom of reflector.
3. Place reflector flange between the upper two wires on the guard.
4. Tighten both screws and nuts to secure guard on reflector. Do not overtighten and distort reflector bottom.
5. Assembly can be relamped without removing wire guard.

## E. CLEANING

1. Clean inside of reflector and lens glass with a mild non-abrasive soap or glass cleaner using a clean soft cloth.

**268-0660-9901  
REV. A**



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**ORIGINAL DRAWING**