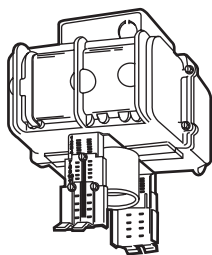


# INSTALLATION INSTRUCTIONS

Upon receipt of fixture and accessories (packed separately) thoroughly inspect for any freight damage which should be brought to the attention of the delivery carrier. Compare the catalog description listed on the packing slip with the fixture label on the outside of the housing to be sure you have received the correct merchandise.

## THS A16GL Series Optical Assembly



The TH Series ballast housing is shipped with the adjustable reflector brackets in the collapsed position. Use the chart to determine the correct bracket setting for the desired distribution.

## IMPORTANT SAFETY INSTRUCTIONS

(For Your Protection, Read Carefully)

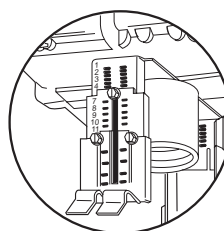
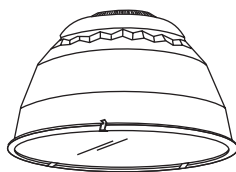
- This fixture must be wired in accordance with the National Electrical Code and applicable local codes and ordinances.
- Proper grounding is required to ensure personal safety.
- Use approved connectors for all electrical connections.
- ALL work should be done by a qualified electrician.
- **WARNING:** NEVER disconnect any component while power supply is engaged.

### Prior to Installation

Read carefully before installing light fixtures. If you do not understand these instructions, please contact your local Lithonia distributor before installing.

### INSTALLATION: A16GL Series Optical Assembly

THS/A16GL



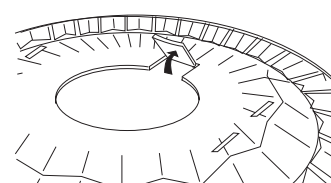
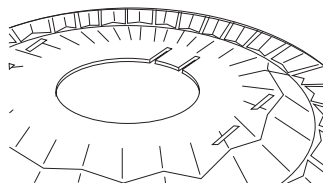
1. To attach reflector, determine the correct bracket setting from the chart below. Set the brackets at the desired position for attaching the reflector. For positions 00 - 6, adjust the reflector bracket by loosening the center captive screw so the bracket moves freely to the desired position. The bracket is in the right location when the desired position number appears

in the notched area at the top of the bracket section. Be sure the embossments on the brackets engage at the correct position. Position 00 is obtained by adjusting the brackets so the 0 position mark is covered by the bracket.

For positions 7 - 12, set the first extension bracket at position 6, as described above, and tighten the center screw. Loosen the two outside captive screws and adjust the bottom sections of the bracket so the proper position appears within the notched area of the lowermost bracket.

2. Attach the reflector by removing one of the lower reflector brackets. Loosen the center captive screw and pass the screwhead through the hole in the adjustment slot. Insert the tabs of the detached bracket into the slots on the top of the reflector. Tilt the reflector and insert the opposite bracket tabs into the corresponding reflector slots. Swing the reflector up into position and reinsert

the captive screwhead through the adjustment slot of the reflector bracket. Tighten screw.



3. When using QRS option, bend tab (located at top of

reflector) 60° upwards to allow adequate space for QRS bracket. **DO NOT BREAK TAB OFF.** When using 400S or 400M, quartz lamp is not to exceed 100 watt. All others are not to exceed ballast wattage rating.

### BRACKET POSITIONING

SOURCE	WATTAGE	REFLECTOR	DISTRIBUTION					SOURCE	WATTAGE	REFLECTOR	DISTRIBUTION				
			NARROW	CONCENTRATED	MEDIUM	SPREAD	WIDESPREAD				NARROW	CONCENTRATED	MEDIUM	SPREAD	WIDESPREAD
HIGH PRESSURE SODIUM	200W	THS/A16GL	4	3	2	0	-	METAL HALIDE	175W	THS A16GL	9	7	5	3	1
	250W	THS/A16GL	4	3	2	0	-		250W	THS A16GL	9	7	5	3	1
	400W	THS/A16GL	4	3	2	0	-		400W	THS/A16GL	11	10	8	4	-
MERCURY VAPOR	250W	THS/A16GL						MERCURY VAPOR	250W	THS/A16GL	9	7	5	3	1
	400W	THS/A16GL							400W	THS/A16GL	11	10	8	4	-

**NOTE:** The bracket settings shown for Metal Halide and High Pressure Sodium (THS) are for clear lamps. If phosphor-coated Metal Halide or etched High Pressure Sodium lamps are used, use the corresponding Mercury wattage bracket positions.

To maintain optimum performance and to promote maximum reflector/lens life, periodically clean optical with mild, non-abrasive cleaner.

**CAUTION** Observe lamp manufacturer's recommendations/restrictions on lamp operation, particularly ballast type, burning position, etc.

**NOTE:** This instruction sheet explains optical installation. For electrical information refer to the industrial housing instruction sheet included with ballast housing.