Installation Instructions:

1. Open the packaging and remove the fixture. Check the fixture body and accessories for any damage and ensure all parts are complete and in good condition.

2. Check your local building and electrical codes to determine the best method of installation. The mounting and powering methods may require protective conduit and junction box(es).

3. Power on the high mast for testing before raising it for final mounting. Make sure the right connection are made to the power source as in the terminal connection diagram. Disconnect power at circuit breaker if necessary for reconnection the high mast on a high mast pole.

4. Adjust the mounting bracket of the lamp to the necessary angle (see. Figure 1A, and then tighten the bolts, see high mast profile at figure 1B.) When determining the mounting position, keep in mind the high mast can be positioned in an arc of 180 degrees (or nearly so to its supports.)

5. Install the light by the mounting bracket using a fastening method that complies with your local electrical and building safety codes. (A safety arrest cable may be attached to the high mast and its mounting pole to further secure and improve safety.) The Yoke Support Bracket can be mounted to the mast or primary support first and then the high mast array later attached to the support bracket.

6. Power on the high mast and make certain the lighting are positioned in the correct spot and the fixture is operating without any problems.

SAFETY GUIDELINES

READ CAREFULLY BEFORE INSTALLING.
RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE.

• WARNING - Risk of electric shock. Turn off electrical power at fuse or circuit breaker box.
• This product must be installed in accordance with applicable manufacturer installation instructions.
• Installation must be performed only by a licensed electrician in accordance with the National Electrical Code (NEC) and local electrical codes. Proper grounding is required for safety.
• A luminaire disconnect is suggested for protection when servicing luminaire.
• WARNING - Test lamp before mass installation.
• WARNING - This device does not have serviceable parts inside fixture.
• CAUTION - If the lamp or luminaire exhibits undesirable operation (buzzing, flickering, etc.), immediately turn off power, remove the lamp from luminaire and contact the manufacturer.

TGS cannot and will not be liable for any modifications or results of modifications to electrical devices or fixtures. These instructions are provided as a reference. By using the included instructions, you are solely responsible for following all applicable electrical safety procedures, codes, methods, and materials. If you are unsure about any electrical modification or installation, please consult a licensed electrician or electrical contractor in your area.
Figure 1B

300W-450W 600W 900W

Wiring Diagram

Be certain a ground wire connects the high mast to a grounding source.

Power Source

Black Wire (or Brown Wire)

White Wire (White, Blue)

Green Wire (Green, Yellow Wire)

To Floodlight LED Driver

(Black or Brown Wire)

(Green, Yellow, copper)

120VAC (North America)

220/240VAC (Europe)

N

L

(208 hot: Black, Red, Blue Wire)

(277 hot: Brown, Orange, Yellow Wire)

Black Wire (or Brown Wire)

White Wire (or Blue Wire)

Green Wire (or Green/yellow Wire)