



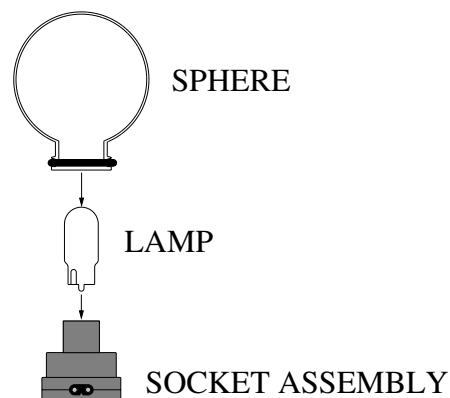
EXHIBITOR SERIES INSTALLATION INSTRUCTIONS

CAUTIONS

1. Read all steps of instructions carefully before beginning installation.
2. Turn off electricity before beginning installation.
3. All wiring is to be performed by a qualified electrician.
4. Installation must comply with the Canadian Electrical Code, and all applicable local codes.
5. Turn main supply to transformer on only after all connections are made and tested.
6. Use only transformers provided by Tokistar with the system.

GENERAL DESCRIPTION

Tokistar's Exhibitor Series is a low-voltage lighting system using wedge-base lamps enclosed within the cover of polycarbonate spheres. At no time should the system be operated without the spheres in place. The system may be 12 or 24 Volts, and is clearly labeled accordingly on the lead wire at the end of the each fixture. Additionally, each lamp is labeled with its operating voltage/wattage.



STEP 1/MOUNTING FIXTURES

OPTION 1- "EX-MD" MOUNTING DISKS

These mounting disks can be screwed in place to a variety of surfaces for very secure mounting. Each disk requires two #6 size screws. After mounting the first disk, simply snap the Exhibitor socket assembly in place. Make certain the disk is aligned properly, considering the direction sockets will be placed. Position next socket assembly at desired location, attach mounting disk and repeat.



Magic Lite Ltd.

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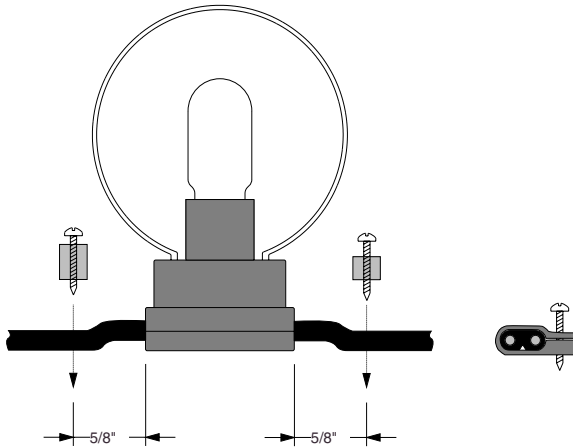
Tel: 905-825-9592 • Out of Area: 1-888-945-5483 • Fax: 905-825-8334

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STEP 1 (continued)/MOUNTING

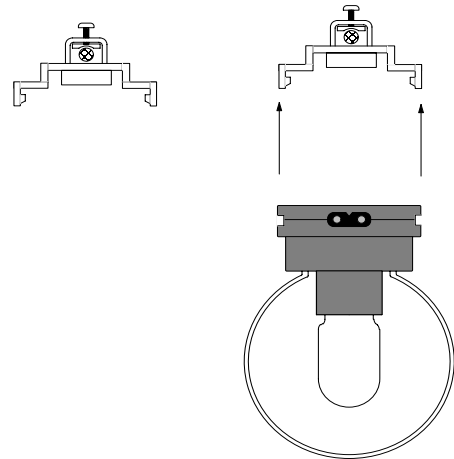
OPTION 2- "EX-MS" STRAPS

Mounting straps can also be used to secure fixtures. Two straps are required per socket assembly, and each should be positioned approximately 3/4" from the edge of socket.



OPTION 3- EX-MDW ADAPTORS

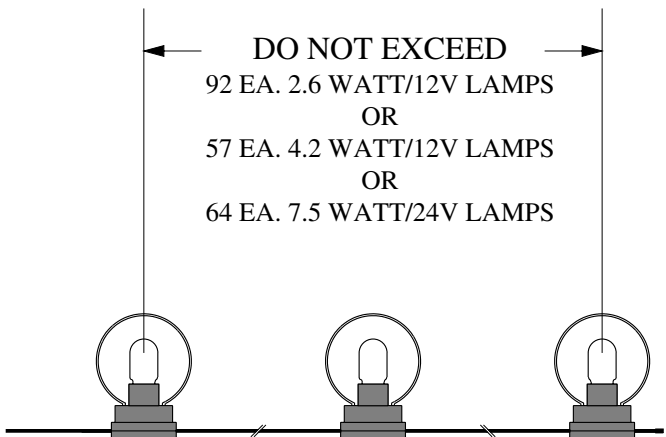
For festoon applications from a wire rope, our mounting disc is supplied with an adaptor that can be cinched onto 1/8" or 3/16" diameter wire rope.



STEP 2/SPLICING FIXTURES

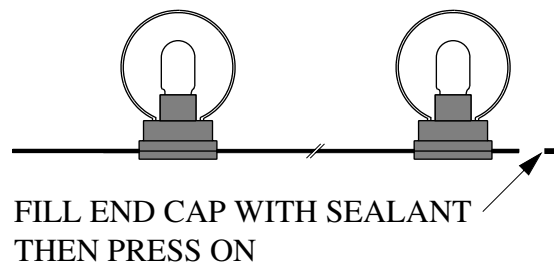
Exhibitor Series fixtures are provided to custom-ordered length, and do not exceed 20 amps (240 watts @ 12 volts or 480 watts @ 24 Volts). If two lengths must be spliced together, the combined load of these fixtures **MUST NOT** exceed 20 amps.

Any splice connection must be made within an approved outdoor junction box, and sealed in accordance with the Canadian Electrical Code and all applicable local codes.



STEP 3/CUTTING FIXTURES

Exhibitor Series fixtures are supplied with factory sealed end caps on the end of each run. If it is necessary to trim the end of the fixture, a new end cap (part# ECD-BK) must be sealed on the end of the conductor cable with a permanently-bonding adhesive such as silicon.



STEP 4/TRANSFORMER WIRING

1) RECEIVING

Upon receipt of shipment, examine transformer for any damage that may have been sustained in transit. File a claim with the transportation company if any damage has occurred.

2) PRECAUTIONS BEFORE INSTALLING

Check the label to be sure the transformer is the suitable voltage and wattage for the job. Check the wire markings to be sure they match the wiring diagrams provided with the transformer.

3) INSTALLATION

Select a suitable flat location that is strong enough to support the weight of the unit. Transformers are suitable for outdoor use, when mounted in an upright position. Proper operation requires the free flow of air in an ambient temperature not to exceed 40°C (104°F). The transformer must be installed in a well-ventilated area free from explosive gases, explosive vapors and dust, excessive dust and dirt. Transformer is to be installed in accordance to the Canadian Electrical Code, and all applicable local codes.

4) PROTECTION

The transformer must not be subjected to high voltage transients caused by lightning, switching surges or other sources unless it is protected by lightning arrestors & surge suppressors. The transformer must be grounded in accordance with the Canadian Electrical Code.

5) CONNECTION

Remove the bottom access plate of the transformer. With power off to the unit, connect the primary and be sure any unused leads are insulated. Turn power on, and check secondary voltage to be sure it is correct for the load. Turn off the power to unit, and connect the secondary load using the fuse holders installed. Install the bottom plate and energize the transformer with the load connected.

6) MAINTENANCE

Turn power off to unit before removing bottom access plate. Check all connections for signs of looseness and deterioration and tighten, insulate or replace where necessary. Blow out dust, and remove any foreign objects. Replace bottom access plate before turning power on.

REMEMBER THIS IS AN AIR COOLED TRANSFORMER AND MUST HAVE UNRESTRICTED AIR FLOW FOR PROPER OPERATION.

LAMP REPLACEMENT

WARNING: To prevent the risk of injury, turn power off and allow lamps to cool before replacing them.

- 1) Remove plastic globe by using twisting motion.
- 2) Remove defective lamp from socket by pulling directly out (DO NOT TWIST.)
- 3) Replace lamp only with the same wattage and voltage of lamp marked on the fixture and lamp.
- 4) Replace plastic globe by fitting squarely in socket assembly, and twisting lamp while applying pressure. Make certain globe is completely seated into socket.