Installation Instructions WINSCAPE™

BIRCH and LAUREL SERIES

Revision Date: Feb. 3, 2016

GROUND MOUNTING

MOUNTING FIXTURE: (without a pour collar)

1. Remove the three machine screws that hold the fixture to the mounting tube with a 5/64” Allen wrench. Pull the fixture out of the mounting tube and set aside.
2. Dig a hole approximately 10 - 12” deep and 6 - 8” wide. Run low voltage cable up through the hole allowing enough cable to reach desired fixture position.
3. Place approximately 2” of gravel in bottom of hole for proper drainage.
4. With cable running through the center of the mounting tube, place the mounting tube into the ground at desired height and position.
5. Make wire connections with approved silicone filled, watertight water nuts. If wire connection is to be made inside of mounting tube, fixture leads should be cut to a suitable length. Wire connections can be made up to 5’ away from the fixture using the supplied leads.
6. Coil excess wire in bottom of mounting tube.
7. Re-install the three machine screws using a 5/64” Allen wrench.

MOUNTING FIXTURE: (with a pour collar)

1. Remove the three machine screws that secure the fixture to the mounting tube with a 5/64” Allen wrench. Pull the fixture out of the mounting tube and set aside.
2. Dig a hole approximately 10 - 12” deep and 6 - 8” wide. Run low voltage cable up through the hole allowing enough cable to make proper wire connections.
3. Place approximately 2” of gravel in bottom of hole for proper drainage.
4. With cable running through the center of the mounting tube, place the mounting tube into the ground.
5. Back fill the hole so that the top edge of the pour collar will be even with the finished grade.
6. Brace fixture and protect pour collar threads from wet concrete with tape. Pour slab and finish as required.
7. Make wire connections with approved silicone filled, watertight water nuts. If wire connection is to be made inside of mounting tube, fixture leads should be cut to a suitable length. Wire connections can be made up to 5’ away from the fixture using the supplied leads.
8. Coil excess wire in bottom of mounting tube.
9. Re-install the three machine screws using a 5/64” Allen wrench.

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LAMPING / RE-LAMPING

NOTE: HYDREL RESERVES THE RIGHT TO MODIFY SPECIFICATIONS WITHOUT NOTICE.
Any dimension on this sheet is to be assumed as a reference dimension: “Used for information purposes only. It does not govern manufacturing or inspection requirements.” (ANSI Y14.5-1973)
MOUNTING FIXTURE: (Custom & Floor mounting)
1. Similar to above instructions, but mounting tube MUST be supported by means of mechanical fastening and/or chemical fastening methods. Mounting tube can be drilled and tapped for these applications. If mounting in a combustible surface (wood, drywall, etc…) lamp wattage will be limited to “INDOOR” ratings – 20W max lamping

LAMPING / RE-LAMPING (12V MR-8 & MR-16)
1. Remove mounting screws with a 5/64” Allen wrench and pull fixture from mounting tube.
2. Loosen set screw in cap with 5/64” Allen wrench – Do not remove set screw completely.
3. Remove cap from body twisting slightly while pulling.
4. Pull lamp straight out of socket.
5. Without touching the bulb portion of the lamp, align pins and push new lamp into socket. If the bulb has been touched, wipe off with a clean, cotton cloth.
6. Replace cap by twisting slightly while pushing.
7. Tighten set screw with 5/64” Allen wrench. DO NOT OVER TIGHTEN! If set screw is over tightened, leaking will occur.
8. Re-install fixture into mounting tube and fasten the three mounting screws with a 5/64” Allen wrench.

LAMPING / RE-LAMPING (12V MR-11)
1. Remove mounting screws with a 5/64” Allen wrench. Remove fixture from mounting tube.
2. Loosen set screw in cap with 5/64” Allen wrench – Do not remove set screw completely.
3. Remove cap from body twisting slightly while pulling.
4. Push lamp in & twist to the left to remove.
5. Align pins on the side of the lamp with the grooves in socket. Push lamp in and twist to the right.
6. Replace cap by twisting slightly while pushing.
7. Tighten set screw with 5/64” Allen wrench. DO NOT OVER TIGHTEN! If set screw is over tightened, leaking will occur.
8. Re-install fixture into mounting tube and fasten the three mounting screws with a 5/64” Allen wrench.
Lighted lamp is HOT!
WARNING – To reduce the risk of FIRE OR INJURY TO PERSONS:
Turn off/unplug and allow to cool before replacing lamp.
Lamp gets HOT quickly! Contact only switch/plug when turning on.
Do not touch hot lens, guard, or enclosure (see diagram/picture).
Keep lamp away from materials that may burn.
Do not touch the lamp at any time. Use a soft cloth. Oil from skin may damage lamp.
Do not operate the luminaire fitting with a missing or damaged shield.

SAVE THESE INSTRUCTIONS

Power Unit:
This fixture is designed to be used with a remote transformer (landscape lighting type) with electrical ratings not to exceed 15V, 25A.

Wire:
Use only cable rated for low voltage. If cable is to be buried, maximum depth is 6” unless direct burial cable is used. The 12-2 & 16-2 direct burial cable is available. 10-2 and 8-2 direct burial cable is available by special order. Use the chart below to determine the proper wire gauge, wattage, and length of run.

Wire Connectors:
Use silicone filled, waterproof wire nuts to make electrical connections.

Fixture Test:
Test fixture with a digital voltage meter at socket. Voltage at socket must not exceed 12.00 volts or the warranty will be voided.

Codes:
Check all local and national building codes for additional requirements regarding low voltage lighting.

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* Chart based on magnetic transformers with output of 12V.

SAVE THESE INSTRUCTIONS!