

TDM1

INSTALLATION

1. Verify that the power is off.
2. Remove two stainless steel button head screws on sides of Canopy with 5/32" hex wrench. Lift TDM Cover off of Plate.
3. Position the Plate at desired location with back (flat side) against tree. For wiring coming from below, make sure Plate's mounting holes are parallel to ground. (Figure 1) For horizontal wiring (from back side of tree), orient mounting holes perpendicular to ground. Use enclosed #10 stainless steel sheet metal screws to secure Plate in place.
4. Run landscape lighting supply wiring up the tree to the Plate location. Use stainless steel cable clamps and sheet metal screws (by others) to secure the wire to the tree. Mark wires where they first contact the Plate and cut them 3 in. (75 mm) longer. Strip 1/2 in. (12 mm) of insulation off the ends of the wires. Repeat for opposite side if the wiring is to continue to another TDM farther up the tree.
5. For standard knuckle fixtures where a brass locknut is used, place locknut on male thread and continue to thread up to about 1/16" (1.5mm) from knuckle base. Feed fixture wires through hole in Cover and rotate knuckle / fixture assembly into the Cover until contact with the locknut is made. Make sure 1/16" gap is maintained. (Figure 2)
6. If the SA accessory is used, where rotation position is fixed by an allen wrench instead of locknut (Figure 3), use high strength threadlocker on the male threads of the SA accessory. Thread the knuckle / fixture assembly fully into the Cover until it bottoms out.
7. Cut exposed fixture wire to approximately 8 in. (20 cm) long. Join fixture wires with supply wires from transformer and, if applicable, to wires continuing to additional fixture(s) farther up the tree. Small silicone-filled wire nuts have been provided with the TDM to splice fixture wires to landscape lighting wires up to 12 gauge. For larger size cable (such as #10), or a splice involving additional wiring to continue up the tree, use the larger silicone-filled wire nuts supplied with the fixture.
8. Align the wires with the semicircular cutout on the Plate and place the Cover with fixture attached over the Plate. Secure the Cover onto the Plate with the screws removed in Step 2.
9. For standard knuckle assembly, use the locknut to lock in the left / right rotation. For SA accessory, use the larger 3/32" set screw in the knuckle base to lock in the left / right rotation. The smaller set screw is permanent and should not be loosened.

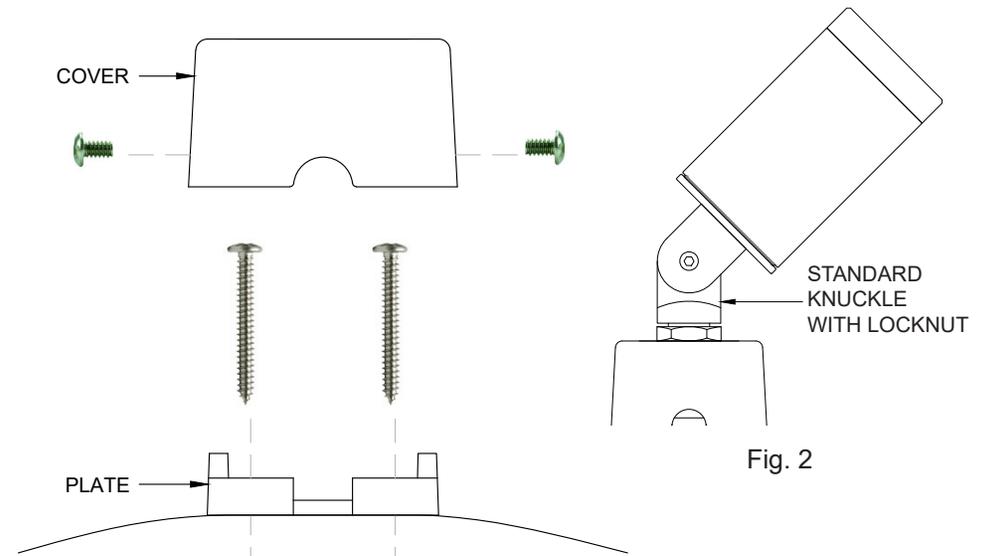


Fig. 2

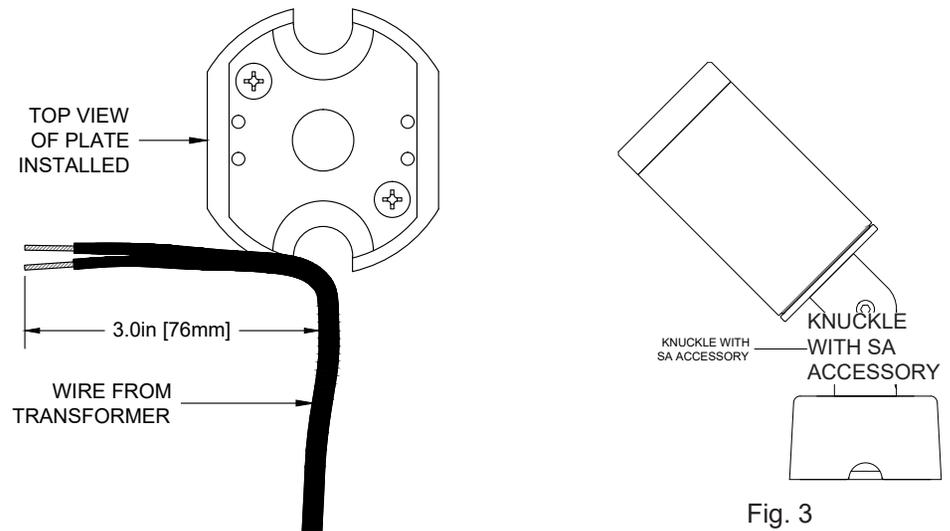


Fig. 1

Fig. 3



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