

INSTALLATION INSTRUCTIONS

FOR USE ONLY WITH LOW VOLTAGE LANDSCAPE POWER UNITS THAT DO NOT EXCEED 60 WATTS, 12 VOLT MAXIMUM.

WARNING: FATR Tree Rings must be installed by a licensed electrician by local codes. Failure to do so will void the warranty and may result in serious injury and/or damage to the fixtures and tree ring system.

SAFETY WARNING: Fixtures can become very hot depending on lamp and wattage used. Lens and metal around lamp can become hot enough to blister hands. Particular care should be taken care around small children or persons can reach them if high lamps can be used.

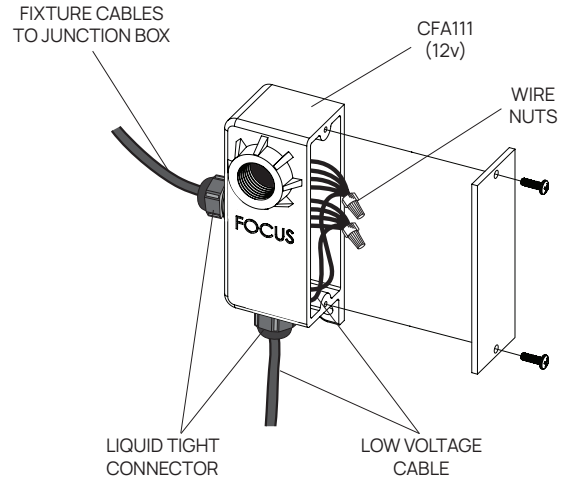
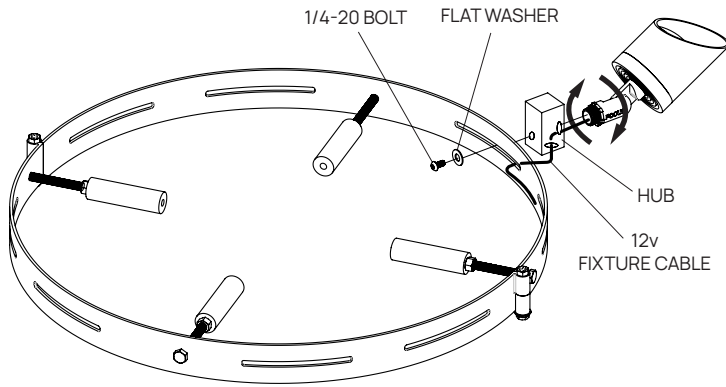
LOAD IS NOT TO EXCEED THE TOTAL WATTS OF TRANSFORMER RATINGS. DO NOT USE EXTENSIONS CORDS ON POWER UNITS.

NOTE: Always use UL recognized wire connectors for connections on tree ring.

FATR TREE RING IS ULLISTED FOR ABOVE GROUND INSTALLATION ONLY.

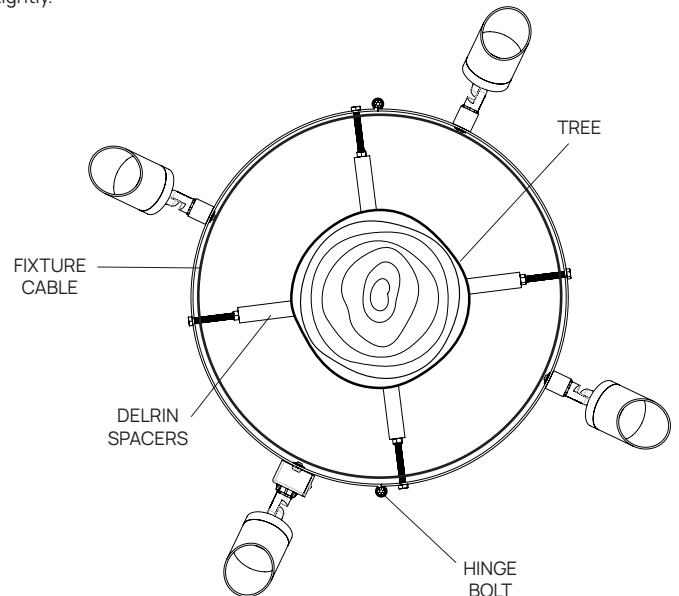
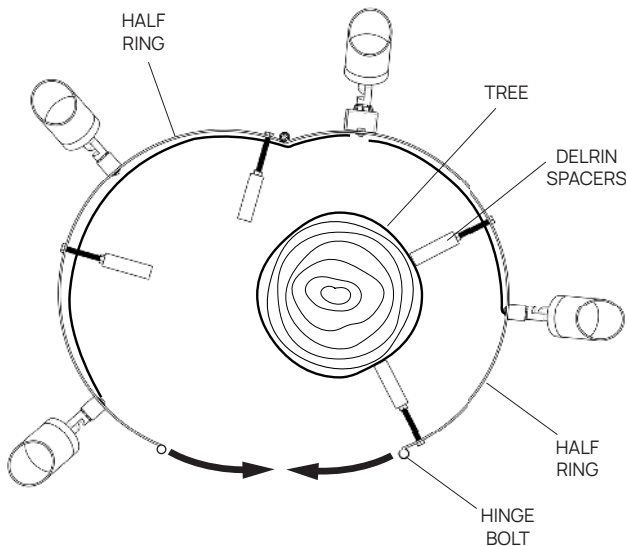
FATR TREE RING FIXTURE MOUNTING:

1. To prevent electrical shock, disconnect transformer from electrical supply before installation or service.
2. Thread compatible Focus or other directional fixture to supplied hub.
3. Secure hub to tree ring system using washer and 1/4-20 bolt.
4. Continue to secure remaining fixtures to tree ring system (4 shown).
5. Run fixture lead wires through tree ring slots to inside of the ring to CFA111 (12v) junction box and secure wires together using zip ties.
6. Strip leads from fixture pigtail 18-2 cable.
7. Connect all fixture wires inside CFA111 junction box to low voltage wires using wire nuts, and reseal junction box with supplied screws.
8. Use liquid tight connectors 1/2 inch NPT to seal junction box.

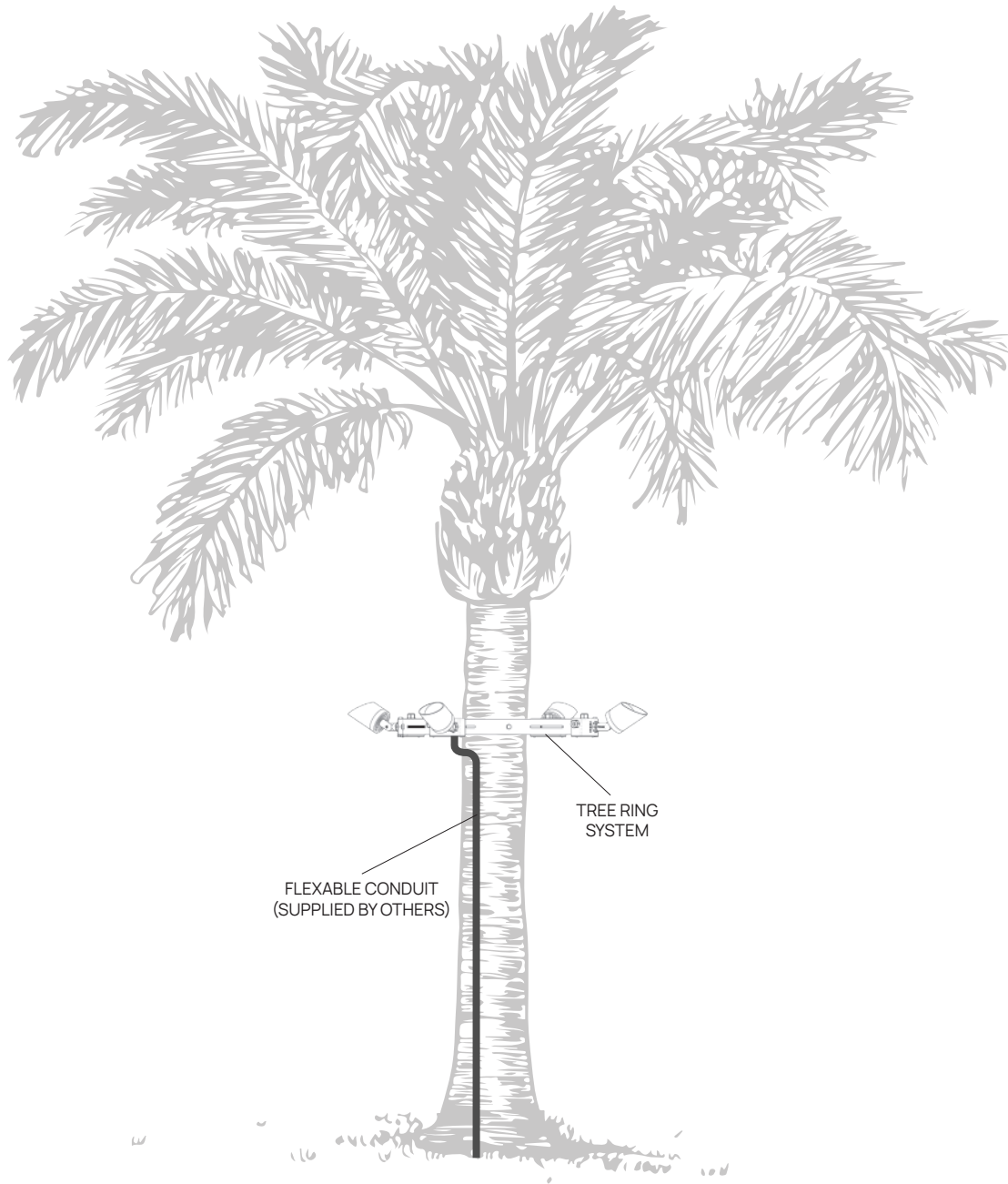


FATR TREE RING MOUNTING ON TO TREE TRUNK:

9. To open ring system, unscrew 3/8-16x2½ hinge bolt.
10. Place ring around trunk of tree, and close ring. Reinsert the 3/8-16x2½ hinge bolt and tighten.
11. Secure to tree trunk by using the delrin spacers and tightening until tree ring system is held tightly.



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FATR TREE RING MOUNTING ON TO TREE TRUNK:

12. Slide flexible conduit over low voltage cable and supply conductor to incoming electrical service.
13. Aim fixtures to the appropriate angle for best light distribution.