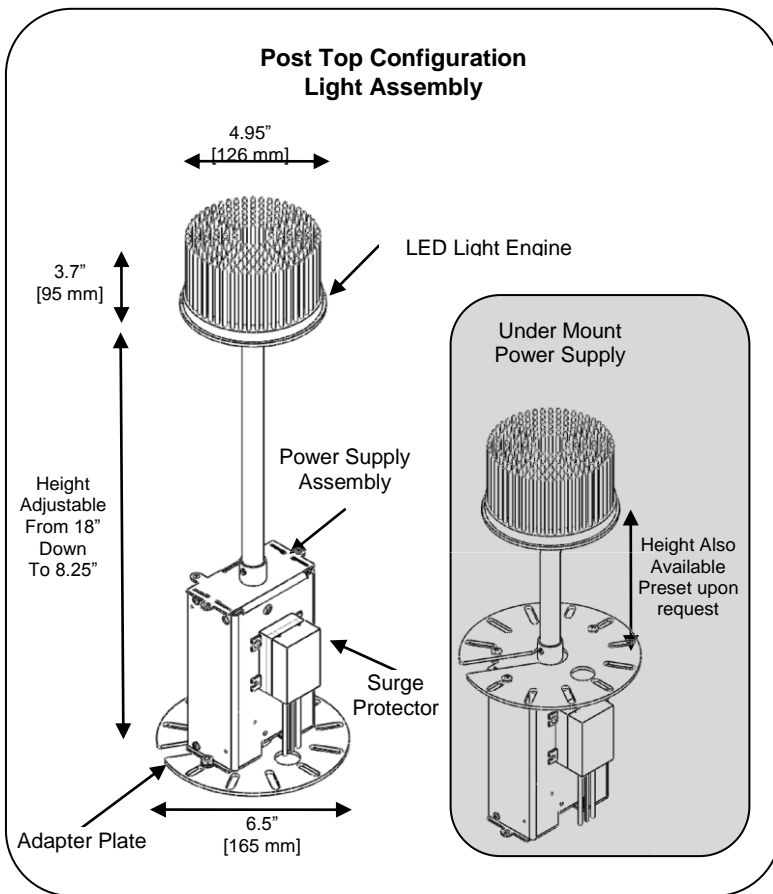
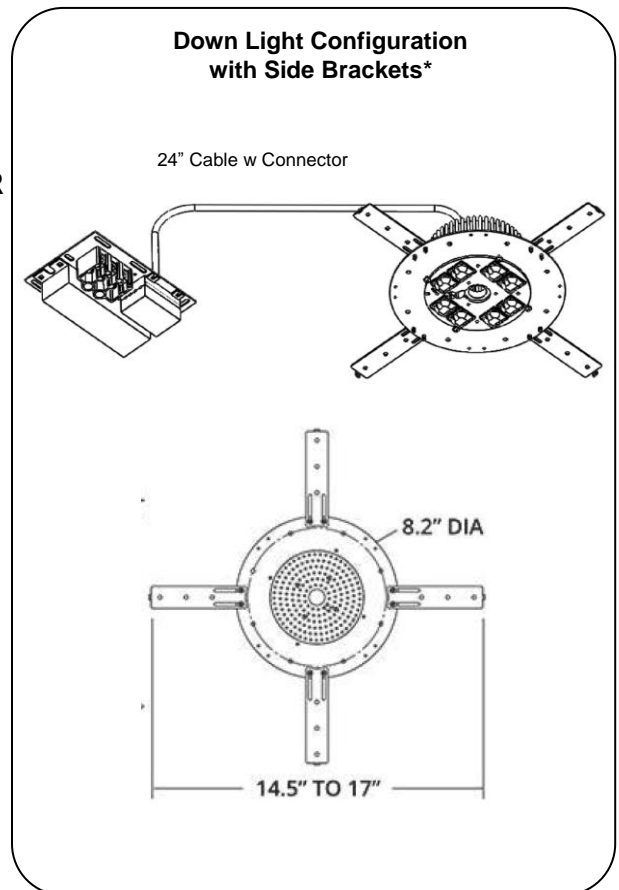


1.3. D6 LED Retrofit Kit Product Description



OR



<p>PART-B (3x) Wire Nuts</p>	<p>PART-C Spare set screw</p>	<p>PART-D Hex Key 3/32"</p>	<p>Required Tools and Hardware (Not provided)</p> <ul style="list-style-type: none"> • Flat and Phillips Head Screwdriver; Pliers; Wire strippers; Wire connectors (wire Nuts)

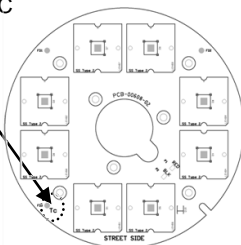
Notes:

- Product has been properly packed to the protect during transit. Inspect and notify the distributor or shipping agent of any damage found.
- For additional information visit matechllc.com , email support@matechllc.com or call 616-401-7398

* Side Brackets may be used to the span the width of a fixture globe, or used to screw mount LED light engine to the hood of a light.

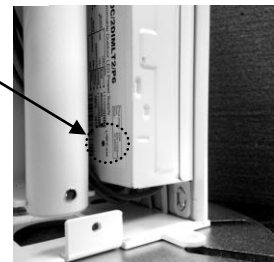
1.4. Fixture Considerations

LED Light Engine
Tc Point < 90°C



Power Supply Assembly
Tc Point < 85°C

Remove protective cover to reach Tc point on power supply(s)



2. INSTALLATION INSTRUCTIONS

- Refer to fixture installation manual for fixture mounting procedures
- Please refer to matechllc.com for additional installation instructions

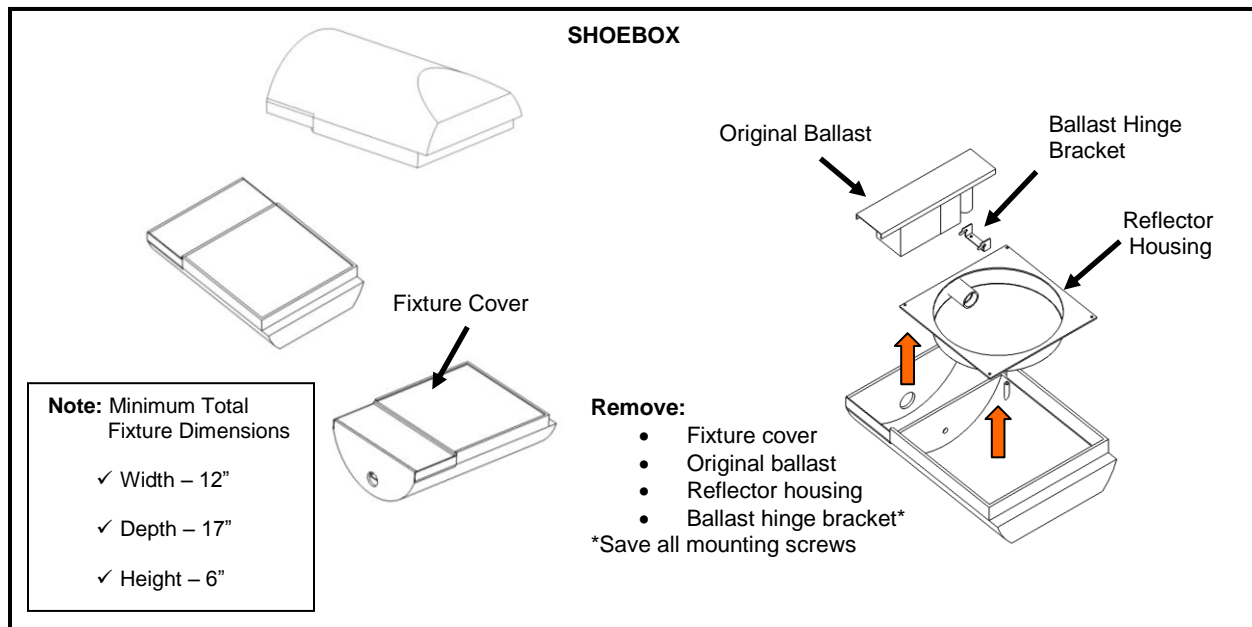
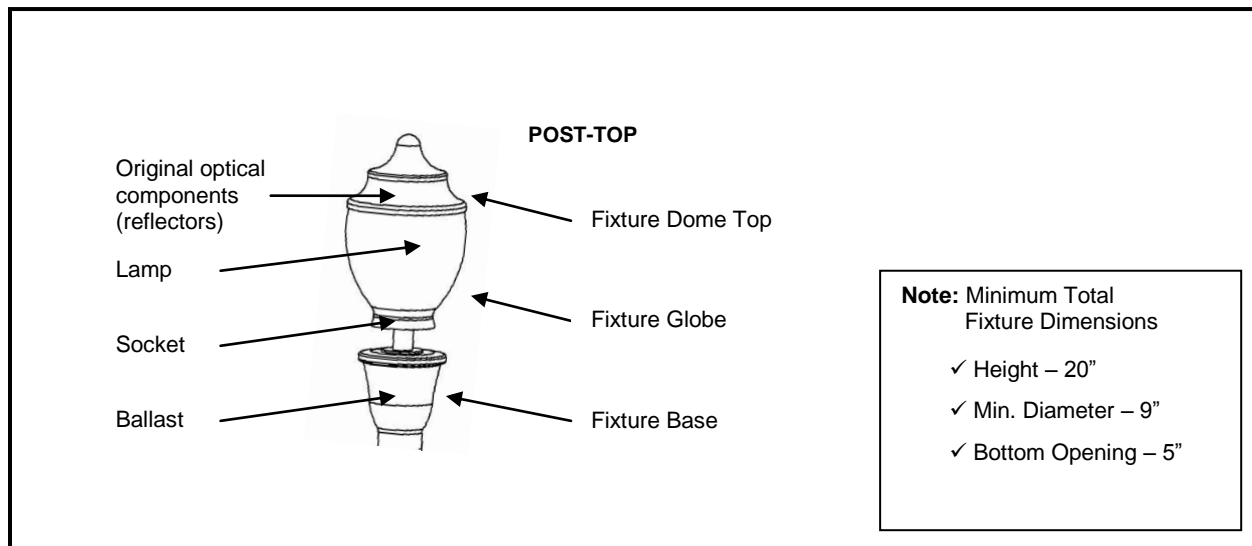


2.1. STEP 1: Prepare fixture for installation

- Turn power off before attempting installation
- Remove lamp, original optical components, socket, and ballast
- If photocell-controlled, connect unit after external control



Note: Failure to remove original components including ballast will void product warranty.



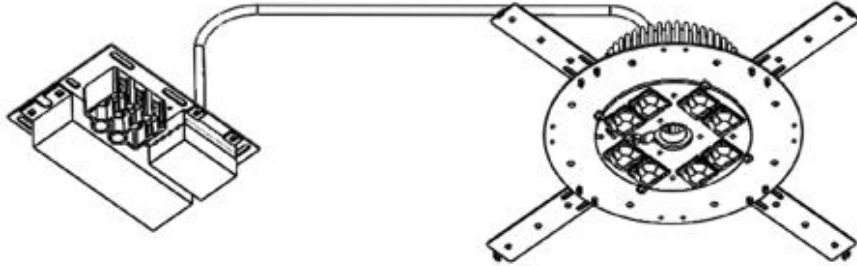
2.2. STEP 2: Select necessary mounting accessories

- Review the various mounting configurations on the following pages and select the most applicable
- Select and install appropriate mounting accessories if needed
- Based on the fixture type, configure power supply assembly, brackets, and height

SIDE BRACKET MOUNTING

Recommended Fixtures:

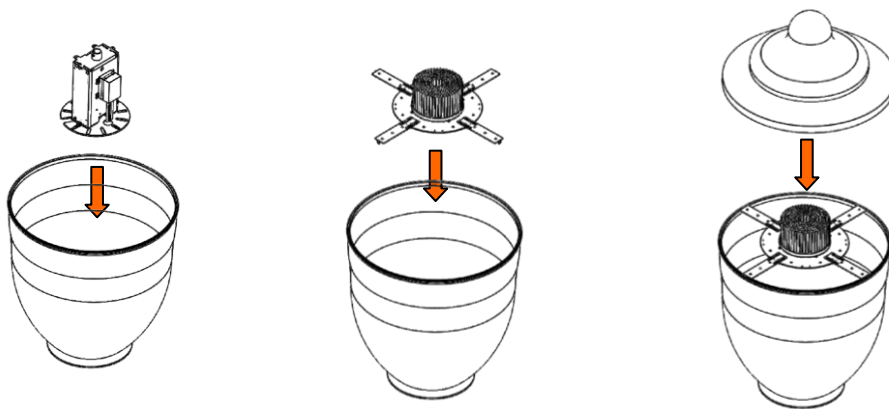
- Post Top
- Shoebox



2.3. STEP 3: Install retrofit kit in fixture

SIDE BRACKET MOUNTING

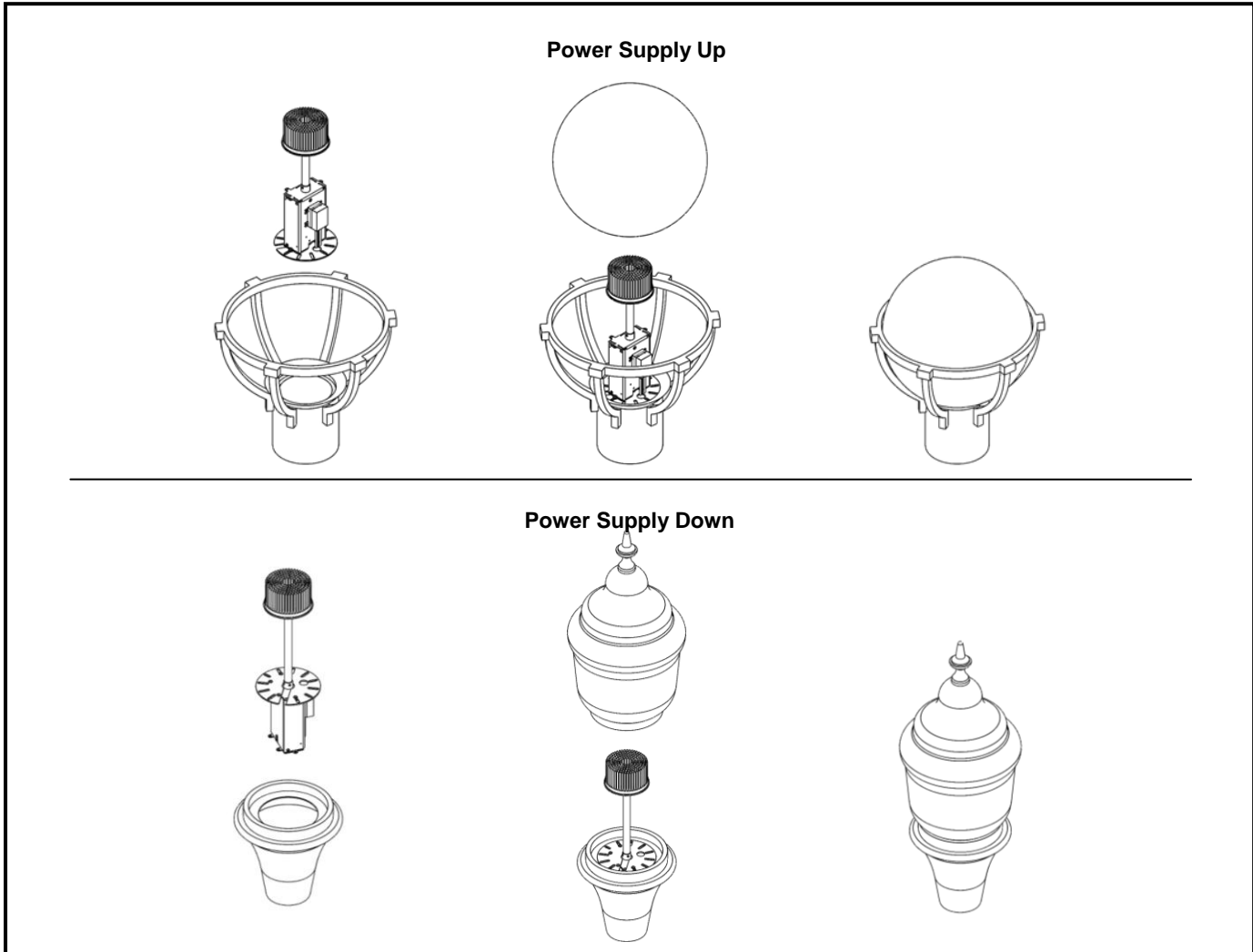
- For a post-top fixture



Note: Screws used to mount LED module and power supply in fixture are existing screws from previous HID system.

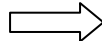
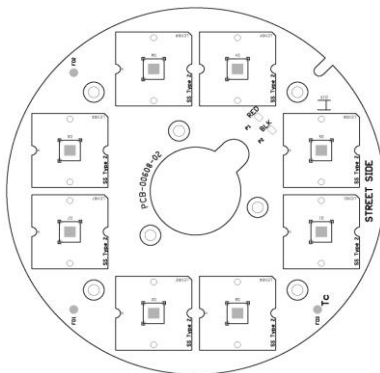
CENTER POLE MOUNTING

- For a post-top fixture



Note:

- Additional hardware maybe required to mount LED Retrofit Kit in fixture
- Re-use screws previously holding HID ballast to fixture to attach Retrofit Kit when possible.
- For Post Top fixtures, LED Light should be installed to maintain cooling clearance above heatsink, but as high as possible..
- For Type-III, ensure "Street Side" label on light engine faces the street side



For Type 3 "Street Side"
Direction Label should
point towards the street

2.4. STEP 4: Make electrical connections

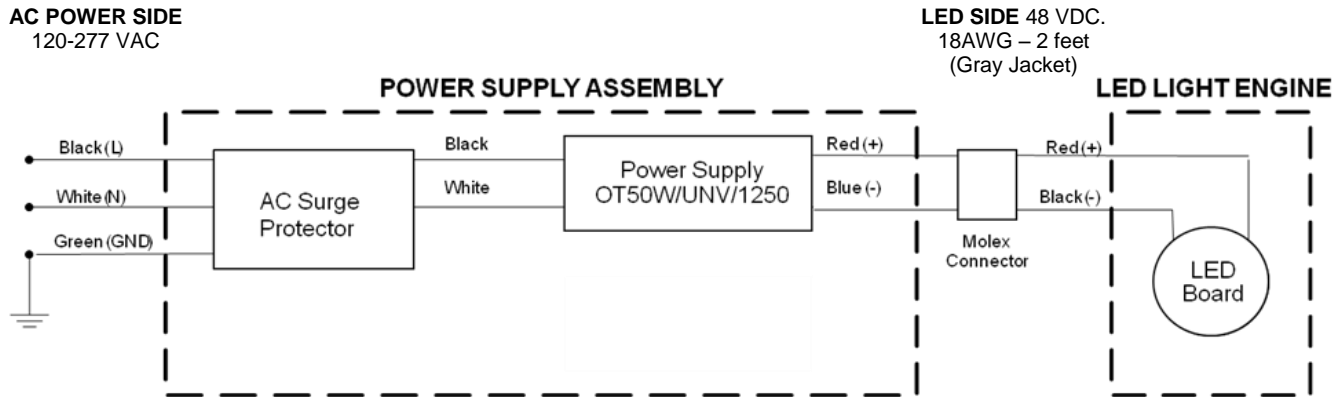
- Connect each set of three wires using wire nuts as shown in the wiring diagram in Section 3
 - Strip wires appropriately for the wire nuts utilized, 3/8" for those included in the kit.
 - The surge protector and power supply are universal voltage. The white wire may be either Neutral or Line.
 - Green/Yellow wire is tied to grounding conductor.
- If photocell-controlled or remote controlled, connect Retrofit Kit to output of the control

2.5. STEP 5: Secure fixture components

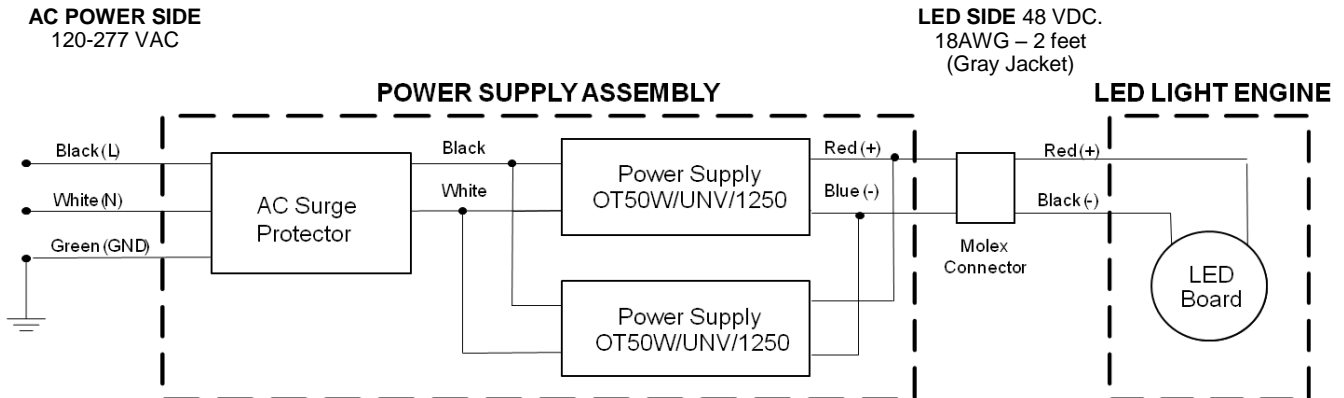
- Secure fixture components and restore original light fixture sealing for water tight seal

3. ELECTRICAL INSTRUCTIONS

3.1. Wiring diagram after installation



3.2. Wiring diagram after installation for 80W model



Note:

- AC surge protector, and OPTOTRONIC® power supply(s) are prewired

