RCDE-10 Series incandescent floodlights are designed for fixed mount installation in Class I, Division I, Groups C, D hazardous (classified) locations as defined by the National Electrical Code®. Refer to fixture nameplate for specific classification information.

RCDE-10 Series floodlights are designed for use indoors or outdoors, where moisture, dirt, and vibration may be a problem. This model features a junction box base with four mounting "feet" for installation on flat surfaces.

RCDE-10 floodlights are designed for use with 300 watt PAR56 or 500 watt PAR64 incandescent lamps.

**FIXTURE INSTALLATION — MODEL 47282A**

1. Detach the mounting base from the fixture by removing the four hex head screws holding the base to the clamping ring. See Figure 1.

2. Select a mounting location that will provide suitable strength and rigidity for supporting the fixture. (Fixture weight: 26 lbs.)

3. Securely fasten base to the mounting location using the appropriate hardware, then attach to conduit system in accordance with NEC requirements.

4. Remove the threaded access cover from mounting base.

5. Pull field wiring leads into the mounting base through access hole, making them long enough to connect to fixture leads.

6. Re-attach the fixture by positioning the fixture over the mounting base, bringing fixture wire leads out of the access hole in base, and attaching clamping ring in place. Securely tighten the clamping ring using the four hex head screws removed in Step 1.

   **NOTE:** When attaching fixture to the mounting base, be sure to have fixture in the direction which will allow the lamp to be aimed in the desired direction. Be sure that the serration on the mounting base seat properly before tightening screws in clamping ring.

7. Connect fixture leads to field wiring leads using methods that comply with NEC and any local codes. Use proper temperature wire as indicated on fixture nameplate.

**WARNING**
- Electrical power must be OFF before and during installation and maintenance.
- Do not install the fixture where marked operating temperatures exceed ignition temperatures of hazardous atmospheres.
- Proper field wiring as specified on fixture nameplate must be used.
- This lighting fixture is designed to operate aimed horizontally or below. Do not aim above horizontal.

**CAUTION**
- All unused conduit openings must be plugged (furnished with unit). Plugs must be wrenched to engage a minimum of five full threads.

*National Electrical Code is a registered trademark of the National Fire Protection Association.*
WARNING
Use fixture only on grounded systems. Make sure that supply voltage is the same as fixture voltage.

8. Install the threaded access cover to the mounting base making sure that all wires are safely inside the base and positioned away from the threads. Tighten access cover until cover flange contacts body face.

CAUTION
Use care to prevent dirt, grit or other foreign material from lodging on threads. If any such material settles on these threads, clean them with kerosene or Stoddard solvent*, then relubricate with Crouse-Hinds Type STL thread lubricant.

(*To avoid the possibilities of an explosion, oxidation and corrosion, do not use gasoline or similar solvents.)

FIXTURE ADJUSTMENT

CAUTION
Electrical power should be OFF before and during fixture adjustment.

Loosen hex head adjustment screw in trunnion support arm, aim fixture in desired direction, and then tighten hex head adjustment screw securely. See Figure 2.

LAMP INSTALLATION

WARNING
Primary power source must be OFF before opening fixture for inspection or lamp installation.

1. Remove the threaded lens/door assembly from fixture and carefully set it aside for re-assembly later.

2. Install incandescent 120V lamp. The following lamps may be used, depending on the hazardous area classification:

<table>
<thead>
<tr>
<th>Lamp Type</th>
<th>Areas</th>
<th>Temp. Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>300W PAR-56</td>
<td>Narrow Spot, Medium Spot, or Wide Flood</td>
<td>Class I, Groups C,D</td>
</tr>
<tr>
<td>500W PAR-64</td>
<td>Narrow Spot, Medium Spot, or Wide Flood</td>
<td>Class I, Groups C,D</td>
</tr>
</tbody>
</table>

3. Replace the lens/door assembly, thread tightly against housing.

CAUTION
Use care to prevent dirt, grit or other foreign material from lodging on threads. If any such material settles on these threads, clean them with kerosene or Stoddard solvent*, then relubricate with Crouse-Hinds Type STL thread lubricant.

(*To avoid the possibilities of an explosion, oxidation and corrosion, do not use gasoline or similar solvents.)

4. Installation is complete and power source may be turned ON.

MAINTENANCE

WARNING
Always disconnect primary power source before opening fixture for inspection or service.

Perform visual, electrical and mechanical inspections on a regular basis. This should be determined by the environment and frequency of use. However, it is recommended that checks be made at least once a year. We recommend an Electrical Preventive Maintenance Program as described in the National Fire Protection Association Bulletin NFPA No. 70B.

The lens should be cleaned periodically to insure continued lighting performance. To clean, wipe the lens with a clean, damp, soft cloth. If this is not sufficient, use a mild soap or a liquid cleaner such as Collinite NCF or Duco #7. DO NOT use an abrasive, strong alkaline, or acid cleaner.

- Visually check for undue heating evidenced by discoloration of wires or other components, damaged parts or leakage evidenced by water or corrosion in the interior.
- Electrically check to make sure that all connections are clean and tight.
- Mechanically check that all parts are properly assembled.

All statements, technical information and recommendations contained herein are based on information and tests we believe to be reliable. The accuracy or completeness thereof are not guaranteed. In accordance with Crouse-Hinds "Terms and Conditions of Sale", and since conditions of use are outside our control, the purchaser should determine the suitability of the product for his intended use and assumes all risk and liability whatsoever in connection herewith.