Success with 2009 IECC: Tech Tips for Builders

ELECTRICAL
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3. Install recessed lighting fixtures that are insulation-contact rated (IC), sealed to drywall with caulk foam or gasket, and are airtight or are located in an airtight sealed box.

4. Coordinate bath fan exhaust duct direction with HVAC Contractor.
5. Install high-efficacy lamps (e.g. CFLs, LEDs, fluorescent) in 50% of light fixtures.

### High Efficacy Bulb Requirements

<table>
<thead>
<tr>
<th>Bulb (Watt)</th>
<th>Efficiency (lumens/Watt)</th>
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<tbody>
<tr>
<td>≤ 15</td>
<td>40</td>
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<tr>
<td>15 - 40</td>
<td>50</td>
</tr>
<tr>
<td>&gt; 40</td>
<td>60</td>
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The high-efficacy bulb count is based on the number of lamps and includes both pin-based fixtures (fluorescent tubes and pin-based compacts) and standard screw-base fixtures. The provision applies to indoor spaces and outdoor facades of all residential buildings, including accessory structures and garages.