



# DENVER AMENDMENT PROPOSAL FORM FOR PROPOSALS TO THE 2019 DENVER BUILDING CODE AMENDMENTS AND THE 2021 INTERNATIONAL CODES

**DENVER**  
THE MILE HIGH CITY

## 2021 CODE DEVELOPMENT CYCLE

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2) One proposal per this document is to be provided with clear and concise information.

Is a separate graphic file provided ("X" to answer): \_\_\_ Yes or \_\_\_X\_ No

3) Highlight the code and acronym that applies to the proposal

<u>Acronym</u>	<u>Code Name</u>	<u>Acronym</u>	<u>Code Name</u>
DBC-AP	Denver Building Code-Administrative Provisions	IPC	International Plumbing Code
IBC	International Building Code	IRC	International Residential Code
<b>IECC</b>	<b>International Energy Conservation Code</b>	IFGC	International Fuel Gas Code
IEBC	International Existing Building Code	IMC	International Mechanical Code
IFC	International Fire Code	DGC	Denver Green Code

### AMENDMENT PROPOSAL

Please provide all the following items in your amendment proposal.

<p><b>Code Sections/Tables/Figures Proposed for Revision:</b></p> <p><b>Instructions:</b> If the proposal is for a new section, indicate (new), otherwise enter applicable code section.</p>
<p><b>Proposal:</b></p> <p><b>Instructions:</b> Show the proposal using <del>strikeout</del>, <u>underline</u> format.</p> <p>Place an "X" next to the choice that best defines your proposal: <u>X</u> Revision ___ New Text ___ Delete/Substitute ___ Deletion</p> <p><i>From Denver Building Code Amendments to IECC:</i></p> <p><b>Section C405.3.3 Lighting for plant growth and maintenance is added as follows:</b></p> <p><b>C405.3.3 Lighting for plant growth and maintenance.</b> All non-LED lighting using replaceable lamps must be installed with electronic ballasts. <del>All luminaires shall be listed by an OSHA Nationally Recognized Testing Labs (NRTL) or field certified by an OSHA NRTL to an appropriate standard.</del> In addition, not less than 80 percent of the total Watts of lighting for canopy areas (areas used for plant growth and plant maintenance) must be provided by lighting having a photosynthetic photon efficacy of not less than 1.6 µmol/J (luminaires), or 1.9 µmol/J (lamps). Indoor agriculture facilities have three options to demonstrate that lighting meets these efficacy requirements:</p>
<p><b>Supporting Information (Required):</b></p> <p>All proposals must include a written explanation and justification as to how they address physical, environmental, and/or customary characteristics that are specific to the City and County of Denver. The following questions must be answered for a proposal to be considered.</p> <ul style="list-style-type: none"> <li>- Purpose: What does your proposal achieve?</li> <li>- Reason: Why is your proposal necessary?</li> <li>- Substantiation: Why is your proposal valid? (i.e. technical justification)</li> </ul> <p><i>Listing standards for luminaires by a NRTL address safety issues and has nothing to do with energy conservation issues, and as such the requirement for NRTL listings should not be included in an energy conservation code amendment. Including this requirement for NRTL listing probably infringes on provisions in other codes that allow for alternatives and exceptions to a NRTL listing.</i></p> <p><b>Bibliography and Access to Materials</b> (as needed when substantiating material is associated with the amendment proposal):</p>

**Other Regulations Proposed to be Affected**

**\*For proposals to delete content from the 2019 Denver Green Code in conjunction with adding it to other mandatory Denver codes and/or regulations, only.**

Please identify which other mandatory codes or regulations are suggested to be updated (if any) to accept relocated content.

**Referenced Standards:**

List any new referenced standards that are proposed to be referenced in the code.

**Impact:**

How will this proposal impact cost and restrictiveness of code? ("X" answer for each item below)

Cost of construction:    \_\_\_ Increase    \_\_\_ Decrease      X   No Impact

Cost of design:        \_\_\_ Increase    \_\_\_ Decrease      X   No Impact

Restrictiveness:       \_\_\_ Increase    \_\_\_ Decrease      X   No Impact

**Departmental Impact (City use only):**

This amendment proposal ~~increases/decreases~~ is neutral to the cost of plans review.

This amendment ~~increases/decreases~~ is neutral to the cost of inspections.