Code Amendment Proposal Form
For public amendments proposed to the 2018 editions of the International Codes

Instructions: Upload this form and all accompanying documentation at www.denvergov.org/BuildingCode. If you are submitting your proposal on a separate sheet, make sure it includes all information requested below.

All proposals must be received by April 26, 2019.

CONTACT INFORMATION

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Signature: [Signature]

Co-proposed by: Amber Wood, Denver Department of Public Health and Environment
Jim Meyers, Southwest Energy Efficiency Project

AMENDMENT PROPOSAL

Please use a separate form for each proposal.

1) Code(s) associated with this proposal. Please use acronym: IECC
   If you submitted a separate coordination change to another code, please indicate which code: ________________________________

<table>
<thead>
<tr>
<th>Acronym</th>
<th>Code Name</th>
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<tbody>
<tr>
<td>DBC-AP</td>
<td>Denver Building Code–Administrative</td>
<td>IFC</td>
<td>International Fire Code</td>
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<tr>
<td>DBC-xxxx</td>
<td>Denver Building Code–xxxx (code) amendments (e.g., DBC-IBC, DBC-IEBC)</td>
<td>IFGC</td>
<td>International Fuel Gas Code</td>
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<td>IEBC</td>
<td>International Existing Building Code</td>
<td>IMC</td>
<td>International Mechanical Code</td>
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<td>IECC</td>
<td>International Energy Conservation Code</td>
<td>IPC</td>
<td>International Plumbing Code</td>
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<td>IRC</td>
<td>International Residential Code</td>
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</tbody>
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2) Please check here if a separate graphic file is provided: ☐
   Graphics may also be embedded within your proposal below.

3) Use this template to submit your proposal or attach a separate file, but please include all items requested below in your proposal. The only formatting needed is **BOLDING**, **STRIKEOUT** AND **UNDERLINING**. Please do not provide additional formatting such as tabs, columns, etc., as this will be done by CPD.

**Code Sections/Tables/Figures Proposed for Revision:**
IECC R404.1.1 (new)

**Proposal:**
Add new section and renumber remaining sections.
Add new section as follows:

**R404.1.1 Building grounds lighting efficacy.** Connected exterior lighting for Group R-2, R-3 and R-4 buildings shall comply with Section C405.4 of the International Energy Conservation Code—Commercial Provisions.

**Exceptions:**

1. Solar-powered lamps not connected to any electrical service
2. Luminaires controlled by a motion sensor

**Supporting Information:**

**Purpose:**

The purpose of this proposal is to improve the efficiency of exterior lighting in R-Occupancies.

**Reason:**

Group R occupancies are technically commercial occupancies, but low-rise R occupancies are subject to the residential energy code. For this reason, there are a handful of energy loads that are not adequately regulated in low-rise R occupancies. One significant load is exterior lighting. Low-rise R occupancies often have the same kind of site lighting (especially parking lot lighting) as their counterparts regulated by the commercial code.

This proposal closes this loophole by making the site lighting of low-rise R occupancies subject to the commercial exterior lighting requirements. It explicitly excludes single-family homes so as not to create confusion.

**Referenced Standards:**

NA

**Impact:**

The effect of the proposal on the cost of construction: ☒ Increase ☐ Reduce ☐ No Effect
- This proposal may increase the cost of construction; however, these requirements have already been deemed cost effective through their inclusion in the commercial code for even small commercial buildings.

The effect of the proposal on the cost of design: ☒ Increase ☐ Reduce ☒ No Effect
- This proposal may increase the cost of design; however, these requirements have already been deemed cost effective through their inclusion in the commercial code for even small commercial buildings.

Is the proposal more or less restrictive than the I-codes: ☒ More ☐ Less ☐ Same

**Departmental Impact:** (To be filled out by CPD staff)

**Note:** CITY STAFF ONLY. Discuss the impact of this proposal in this section AND indicate the impact of this amendment proposal for each of the following:

- The effect of the proposal on the cost of review: ☐ Increase ☐ Reduce ☐ No Effect
- The effect of the proposal on the cost of enforcement/inspection: ☐ Increase ☐ Reduce ☐ No Effect