2022 Denver Green Code
Explanatory Video Series

CE23: Interior Lighting Power Densities (LPDs)

Community Planning & Development
Office of Climate Action, Sustainability and Resiliency
Why is this a priority in Denver?

- Reduced interior lighting power densities reduce lighting energy consumption and associated costs.
- Cooling energy consumption is also reduced, since lower LPDs reduce interior cooling loads.
**CE23: Interior Lighting Power Densities (LPDs)**

**Project Requirements**

- Reduce total connected interior lighting power to **less than 70%** of the total lighting power allowance in the DEC or ASHRAE 90.1

- Calculate total connected interior lighting power in accordance with DEC Section C405.3.1 or ASHRAE 90.1 Sections 9.5 or 9.6

**Note:** Projects that select CE23 for LMU compliance cannot use DEC C406.3 for C406 compliance
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| Permit  | • Submit completed DGC LMU and DEC Checklists  
• Indicate on DEC checklist if interior lighting power allowance is determined using the Building Area Method or Space-by-Space method; provide calculations for reduced allowance (70% of DEC allowance)  
• Submit design documents that include lighting fixture schedules, interior lighting plans, and total connected interior lighting power calculations |
Where can I learn more?

Visit Denvergov.org/GreenCode to:

• Link to the 2022 Denver Green Code
  • Download the DGC Checklists
  • Watch other videos in this series
    • Register for DGC Virtual Office Hours
    • Find additional resources for your project

Denver Energy Code links:  Code & Policies  |  Checklists  |  Resources & Trainings

For Green Buildings Ordinance, visit Denvergov.org/GreenRoofs