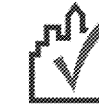


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ELECTRICAL COMCHECK



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Interior Lighting Compliance Certificate

Section 1: Project Information

Energy Code: 2009 IECC
 Project Title: CSC - Cleveland, TN - 2009
 Project Type: Alteration

Construction Site: _____ Owner/Agent: _____ Designer/Contractor: _____

Section 2: Interior Lighting and Power Calculation

Area Category	Floor Area (sq ft)	Allowed Watts (A x B)	Allowed Watts (B x C)
Restaurant (Zoning Family)	1.6	4048	4048
Total Allowed Watts =		4048	

Section 3: Interior Lighting Fixture Schedule

Fixture ID : Description / Lamp / Wattage / Ballast	B Lamp/ Fixture	C # of Fixtures	D Fixture Watt	E (C X D)
Recessed (2009g) Family, 2530 (A, F)	1	7	50	350
LED: A: 2x4 LED: Other	1	5	50	250
LED: AE: 2x4 LED: Other	0	0	0	0
Track Lighting (C, F, R) LED: Other on current limiting device capacity	1	81	15	915
LED: B: 6" LED: Other	1	1	48	48
LED: C: COOL LED: Other	1	4	9.5	38
PENDANT LED: Other				
Total Proposed Watts =			2201	

Section 4: Requirements Checklist

- Lighting Wattage:**
1. Total proposed watts must be less than or equal to total allowed watts.
- | Allowed Watts | Proposed Watts | Complies |
|---------------|----------------|----------|
| 4048 | 2201 | Passes |
- Controls, Switching, and Wiring:**
2. Daylight zones under skylights more than 15 feet from the perimeter have lighting controls separate from daylight zones adjacent to vertical fenestration.
3. Daylight zones have individual lighting controls independent from that of the general area lighting.
- Exceptions:
- Contiguous daylight zones spanning no more than two orientations are allowed to be controlled by a single controlling device.
 - Daylight spaces enclosed by walls or ceiling height partitions and containing two or fewer light fixtures are not required to have a separate switch for general area lighting.
4. Independent controls for each space (switch/occupancy sensor).
- Exceptions:
- Project Title: CSC - Cleveland, TN - 2009 Report date: 07/18/19
 Data filename: _____ Page 1 of 2

- Areas designated as security or emergency areas that must be continuously illuminated.
- Lighting in stairways or corridors that are elements of the means of egress.
5. Master switch at entry to habitable guest room.
6. Individual dwelling units separately metered.
7. Medical task lighting or art/history display lighting claimed to be exempt from compliance has a control device independent of the control of the remaining lighting.
8. Each space required to have a manual control also allows for reducing the connected lighting load by at least 50 percent by either controlling all luminaires, dual switching of alternate rows of luminaires, alternate luminaires, or alternate lamps, switching the middle lamp luminaires independently of other lamps, or switching each luminaire or each lamp.
- Exceptions:
- Only one luminaire in space.
 - An occupant-sensing device controls the area.
 - The area is a corridor, storeroom, restroom, public lobby or sleeping unit.
 - Areas that use less than 0.6 Watts/sq.ft.
9. Automatic lighting shutoff control in buildings larger than 5,000 sq.ft.
- Exceptions:
- Sleeping units, patient care areas, and spaces where automatic shutoff would endanger safety or security.
10. Photoocell/astronomical time switch on exterior lights.
- Exceptions:
- Lighting intended for 24-hour use.
11. Tandem wired one-lamp and three-lamp ballasted luminaires (No single-lamp ballasts).
- Exceptions:
- Electronic high-frequency ballasts; Luminaires on emergency circuits or with no available pair

Section 5: Compliance Statement

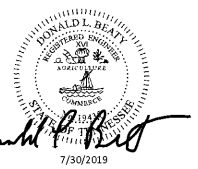
Compliance Statement: The proposed lighting alteration project represented in this document is consistent with the building plans, specifications and other calculations submitted with this permit application. The proposed lighting alteration project has been designed to meet the 2009 IECC, Chapter 6, requirements in COMcheck-Web and to comply with the mandatory requirements in the Requirements Checklist.

Donald L. Beaty _____ 7/30/2019
 Name - Title Signature Date



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 architect

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DATE: July 30, 2019
 DRAWING TITLE: COMcheck
 PROJECT NUMBER: 03-18
 FILE NUMBER:
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