



COMcheck Software Version 4.1.1.0 Interior Lighting Compliance Certificate

Project Information

Energy Code: 90.1 (2016) Standard
Project Title: Bad Daddy's Burger Bar
Project Type: New Construction

Construction Site: 3460 Sandy Plains Rd Suite 110 Marietta, GA 30062
Owner/Agent:
Designer/Contractor: Walter Rabinovich RG Engineering 8811 E. Hampden Ave Suite 200 Denver, CO 80134 (303) 355-5534 walter@rgecinc.com

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft ²)	C Allowed Watts / ft ²	D Allowed Watts (B X C)
1. Dining: Family	3696	0.75	2852
Total Allowed Watts =			2852

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
1. Dining: Family				
LED 1: A. Pendant Light: Other:	1	26	9	234
LED 2: B. Recessed LED: Other:	1	31	16	496
Track lighting 1: C. Track Light: Wattage based on 4 feet of track	0	0	120	120
Track lighting 2: C. Track Light: Wattage based on 4 feet of track	0	0	120	120
Track lighting 3: C. Track Light: Wattage based on 4 feet of track	0	0	120	120
Track lighting 4: C. Track Light: Wattage based on 4 feet of track	0	0	120	120
Track lighting 5: C. Track Light: Wattage based on 4 feet of track	0	0	120	120
Track lighting 6: C. Track Light: Wattage based on 4 feet of track	0	0	120	120
Track lighting 7: C. Track Light: Wattage based on 4 feet of track	0	0	120	120
Track lighting 8: C. Track Light: Wattage based on 4 feet of track	0	0	120	120
LED 3: D. Pendant Light: Other:	0	1	54	54
LED 4: F. 2' x 4' LED Fixture: Other:	1	14	47	656
LED 5: F2: 2' x 2' LED Fixture: Other:	1	3	40	120
LED 7: G. Bathroom Vanity: Other:	2	2	18	36
LED 6: K. Pendant Light: Other:	1	7	9	63
LED 8: LB. Bar Rope Light: Other:	1	1	43	43
LED 9: LC. Bar Rope Light: Other:	1	1	40	40
Total Proposed Watts =				2584

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Interior Lighting PARSE: Design 42% better than code

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting design represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 90.1 (2016) Standard requirements in COMcheck Version 4.1.1.0 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

WALTER RABONOVICH PE Signature Date: 06/07/2019

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COMcheck Software Version 4.1.1.0 Inspection Checklist

Energy Code: 90.1 (2016) Standard

Requirements: 0.0% were addressed directly in the COMcheck software

Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Section # & Req. ID	Plan Review	Complies?	Comments/Assumptions
4.2.2, 9.4.3, 9.7 (RA1)	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the interior lighting and electrical systems and equipment and document where exceptions to the standard are claimed. Information provided should include interior lighting power calculations, wattage of bulbs and ballasts, transformers and control devices.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

Additional Comments/Assumptions:

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Section # & Req. ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
9.4.1.1 (EL1)	Automatic control requirements prescribed in Table 9.6.1 for the appropriate space type, are installed. Mandatory lighting controls (labeled as 'REQ') and optional choice controls (labeled as 'ADD1' and 'ADD2') are implemented.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
9.4.1.1 (EL2)	Independent lighting controls installed per approved lighting plans and all manual controls readily accessible and visible to occupants.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
9.4.1.1 (EL13)	Daylight areas under skylights and roof monitors that have more than 150 W combined input power for general lighting are controlled by photocontrols.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
9.4.1.3 (EL4)	Separate lighting control devices for specific uses installed per approved lighting plans.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
9.6.2 (EL8)	Additional interior lighting power allowed for special functions per the approved lighting plans and is automatically controlled and separated from general lighting.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

Additional Comments/Assumptions:

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Section # & Req. ID	Final Inspection	Complies?	Comments/Assumptions
8.7.1 (F16)	Furnished as-built drawings for electric power systems within 30 days of system acceptance.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
8.7.2 (F17)	Furnished O&M instructions for systems and equipment to the building owner or designated representative.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	
9.2.2.3 (F18)	Interior installed lamp and fixture lighting power densities (LPD) is shown on the approved lighting plans, demonstration proposed wattage are less than or equal to allowed wattage.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the Interior Lighting fixture schedule for values.
9.4.4	At least 75% of all interior installed lighting fixtures in dwelling units have >= 55 lm/W efficacy or a >= 45 lm/W total luminaire efficacy.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	

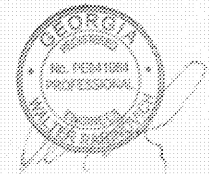
Additional Comments/Assumptions:

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08.28.2019



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BAD DADDY'S BURGER BAR
"SANDY PLAINS"
3460 SANDY PLAINS RD N.E.
SUITE 110
MARIETTA, GA 30062

Issue Record:
6.7.2019 FOR PLAN REVIEW

Revisions:
08.28.2019 QCR

Drawn:

DRAWN BY: VR

Checked:

CHECKED BY: WR

Project No.

PROJECT#: 19-213

Contract:

ENERGY COMPLACENCE

E7.0

Date of Last Print:

08.28.2019

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