



# Interior Lighting Compliance Certificate

## Project Information

Energy Code: 2015 IECC  
 Project Title: WHITEWATER - MAIN ST.  
 Project Type: New Construction

Construction Site:  
 1280 WEST MAIN STREET  
 WHITEWATER  
 WALWORTH, Wisconsin 53190

Owner/Agent:

Designer/Contractor:

## Additional Efficiency Package(s)

Credits: 1.0 Required 0.0 Proposed

## Allowed Interior Lighting Power

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts
1-MANAGER'S ROOM (Common Space Types:Office - Enclosed)	53	1.11	59
2-UNISEX RESTROOM-1 (Common Space Types:Restrooms)	67	0.98	66
3-UNISEX RESTROOM-2 (Common Space Types:Restrooms)	70	0.98	69
4-BAR (Common Space Types:Food Preparation)	541	1.21	655
5-WORKROOM (Common Space Types:Storage)	468	0.63	295
6-CAFE (Common Space Types:Dining Area - Family Restaurant)	702	0.89	625
7-PARTNER'S REST AREA (Common Space Types:Lounge/Breakroom)	63	0.73	46
8-RESTROOM VESTIBULE (Common Space Types:Lobby - General)	50	0.90	45
9-VESTIBULE (Common Space Types:Lobby - General)	49	0.90	44
Total Allowed Watts =			1902

## Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixture	D Fixture Watt.	E (C X D)
<u>1-MANAGER'S ROOM (Common Space Types:Office - Enclosed)</u>				
Track Lighting-1: 15059: TRACK LIGHT: Wattage based on current limiting device capacity	0	0	120	120
<u>2-UNISEX RESTROOM-1 (Common Space Types:Restrooms)</u>				
LED-1: 21774: CAN LIGHT: Other:	1	3	9	27
LED-2: 20748: SCONCE: Other:	1	1	16	16
<u>3-UNISEX RESTROOM-2 (Common Space Types:Restrooms)</u>				
LED-3: 21774: CAN LIGHT: Other:	1	3	9	27
LED-4: 20748: SCONCE: Other:	1	1	16	16
<u>4-BAR (Common Space Types:Food Preparation)</u>				
LED-5: 21772,X7001: CAN LIGHT: Other:	1	27	12	324
<u>5-WORKROOM (Common Space Types:Storage)</u>				
Track Lighting-1: 12944: TRACK LIGHT: Wattage based on current limiting device capacity	0	0	120	120

A	B	C	D	E
Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	Lamps/ Fixture	# of Fixture	Fixture Watt.	(C X D)
LED-6: 21783: TROFFER LIGHT: Other:	1	2	36	72
Track Lighting-2: 12935: TRACK LIGHT: Wattage based on current limiting device capacity	0	0	60	60
<b>6-CAFE (Common Space Types:Dining Area - Family Restaurant)</b>				
LED-7: 20753: SCONCE: Other:	1	3	60	180
LED-8: 20717: PENDANT: Other:	1	2	36	72
Track Lighting-3: 12947,12948, 12949, 19413: TRACK LIGHT: Wattage based on current limiting device capacity	0	0	300	300
Track Lighting-4: 12948: TRACK LIGHT: Wattage based on current limiting device capacity	0	0	120	120
<b>7-PARTNER'S REST AREA (Common Space Types:Lounge/Breakroom)</b>				
Track Lighting-5: 15059: TRACK LIGHT: Wattage based on current limiting device capacity	0	0	120	120
<b>8-RESTROOM VESTIBULE (Common Space Types:Lobby - General)</b>				
LED-9: 21772,X7001: CAN LIGHT: Other:	1	2	12	24
<b>9-VESTIBULE (Common Space Types:Lobby - General)</b>				
LED-10: 21772: CAN LIGHT: Other:	1	2	12	24
Total Proposed Watts =				1623

### Interior Lighting PASSES: Design 15% 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 2015 IECC requirements in COMcheck Version COMcheckWeb and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

\_\_\_\_\_  
Name - Title

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date



# Inspection Checklist

Energy Code: 2015 IECC

Requirements: 100.0% 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
C103.2 [PR4] <sup>1</sup>	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	Requirement will be met.
C406 [PR9] <sup>1</sup>	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the additional energy efficiency package options.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

**Additional Comments/Assumptions:**

1 High Impact (Tier 1)	2 Medium Impact (Tier 2)	3 Low Impact (Tier 3)
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Section # & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.2.1 [EL15] <sup>1</sup>	Lighting controls installed to uniformly reduce the lighting load by at least 50%.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.1 [EL18] <sup>1</sup>	Occupancy sensors installed in required spaces.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.1, C405.2.2.3 [EL23] <sup>2</sup>	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	Requirement will be met.
C405.2.2.1 [EL22] <sup>2</sup>	Automatic controls to shut off all building lighting installed in all buildings.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.3 [EL16] <sup>2</sup>	Daylight zones provided with individual controls that control the lights independent of general area lighting.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.
C405.2.3, C405.2.3.1, C405.2.3.2 [EL20] <sup>1</sup>	Primary sidelighted areas are equipped with required lighting controls.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.
C405.2.3, C405.2.3.1, C405.2.3.3 [EL21] <sup>1</sup>	Enclosed spaces with daylight area under skylights and rooftop monitors are equipped with required lighting controls.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<b>Exception:</b> Requirement does not apply.
C405.2.4 [EL4] <sup>1</sup>	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	Requirement will be met.
C405.2.4 [EL8] <sup>1</sup>	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	Requirement will be met.
C405.3 [EL6] <sup>1</sup>	Exit signs do not exceed 5 watts per face.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

**Additional Comments/Assumptions:**

1 High Impact (Tier 1)	2 Medium Impact (Tier 2)	3 Low Impact (Tier 3)
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Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
C303.3, C408.2.5.2 [FI17] <sup>3</sup>	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	Requirement will be met.
C405.4.1 [FI18] <sup>1</sup>	Interior installed lamp and fixture lighting power is consistent with what is shown on the approved lighting plans, demonstrating proposed watts are less than or equal to allowed watts.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	<i>See the Interior Lighting fixture schedule for values.</i>
C408.2.5.1 [FI16] <sup>3</sup>	Furnished as-built drawings for electric power systems within 90 days of system acceptance.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C408.3 [FI33] <sup>1</sup>	Lighting systems have been tested to ensure proper calibration, adjustment, programming, and operation.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

**Additional Comments/Assumptions:**

1 High Impact (Tier 1)	2 Medium Impact (Tier 2)	3 Low Impact (Tier 3)
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