

COMcheck Software Version 4.0.6.2
Interior Lighting Compliance Certificate

Project Information

Energy Code: 2014 Florida Building Code, Energy Conservation
 Project Title: Alteration

Contractor: KLIH ENGINEERS
 Owner/Agent: KLIH ENGINEERS
 Designer/Contractor: KLIH ENGINEERS
 1538 Alexandria Pike
 Fort Thomas, KY 41075

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft ²)	C Allowed Watts / ft ²	D Allowed Watts (B x C)
1 Sales Area 100 (Retail/Sales area)	2939	1.60	3582
Allowance: Furniture, clothing, cosmetics highlighting / Fix. ID: Track lighting 1	500 (a)	1.40	700 (b)
Allowance: Furniture, clothing, cosmetics highlighting / Fix. ID: Track lighting 1 copy	791 (d)	1.40	1107 (b)
1			
Allowance: Furniture, clothing, cosmetics highlighting / Fix. ID: Track lighting 1 copy	500 (a)	1.40	700 (b)
2 Restroom 102 (Common Space Types: Restroom)	54	1.00	54
3 Ft. Room: 103 (Retail Dressing/Fitting area)	50	0.90	45
4 Ft. Room: 104 (Retail Dressing/Fitting area)	39	0.90	35
5 Stockroom 105 (Common Space Types: Storage)	789	0.90	601
Supplemental Allowed Watts (multiplier)			384
Total Allowed Watts			7299

(a) Areas claimed may exceed total floor area when Retail Merchandise Highlighting Allowance(s) are specified.
 (b) Allowance is (B x C) or the actual wattage of the fixtures given in Proposed Power section, whichever is less.
 (c) Supplemental watts must be associated with retail merchandise highlighting fixtures.

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)
Sales Area 100 (Retail/Sales area 2238 sq.ft.)				
H.H. CASHWRAPE PENDANT, Other:	0	2	26	52
A8, All, Other:	0	12	108	1296
Track lighting 1, Wattage based on current limiting device capacity	0	0	0	1440
Track lighting 1 copy 1, Wattage based on current limiting device capacity	0	0	0	1440
Track lighting 1 copy 2, Wattage based on current limiting device capacity	0	0	0	1440
Track lighting 1 copy 3, Wattage based on current limiting device capacity	0	0	0	Exempt
Exemption Retail Display Window				
Restroom 102 (Common Space Types: Restroom 54 sq.ft.)				
U.C. RECESSED DOWNLIGHT, Other:	1	2	16	32
Ft. Room 103 (Retail Dressing/Fitting area 50 sq.ft.)				
P.P. LED CYLINDER LIGHT, Other:	1	1	33	33

Project Title: G:\19000-19999\19800-19899\19811\Project Data\EnergyCompliance\19811.cck Report date: 10/18/17
 Data filename: G:\19000-19999\19800-19899\19811\Project Data\EnergyCompliance\19811.cck Page 1 of 7

Section # & Req. ID	Final Inspection	Complies?	Comments/Assumptions
C405.2.2 (EL12)	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	Requirement will be met.
C405.2.1 (EL23)	Furnished O&M instructions for systems and equipment in 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.
C405.2.1 (EL15)	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	Requirement will be met. See the Interior Lighting Fixture schedule for values.
C408.3 (F13)	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:

Project Title: G:\19000-19999\19800-19899\19811\Project Data\EnergyCompliance\19811.cck Report date: 10/18/17
 Data filename: G:\19000-19999\19800-19899\19811\Project Data\EnergyCompliance\19811.cck Page 4 of 7

A Fixture ID / Description / Lamp / Wattage Per Lamp / Ballast	B Lamps / Fixture	C # of Fixtures	D Fixture Watt.	E (C x D)
Ft. Room 104 (Retail Dressing/Fitting area 39 sq.ft.)				
P.P. LED CYLINDER LIGHT, Other:	1	1	33	33
Stockroom 105 (Common Space Types: Storage 789 sq.ft.)				
J4, J4, LED STRIP LIGHT, Other:	1	11	48	528
J4, J4, LED STRIP LIGHT, Other:	1	9	165	945
Total Proposed Watts				7299

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting alteration project 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 2014 Florida Building Code, Energy Conservation requirements in COMcheck Version 4.0.6.2 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Name: Title Signature Date

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 Data filename: G:\19000-19999\19800-19899\19811\Project Data\EnergyCompliance\19811.cck Page 5 of 7

COMcheck Software Version 4.0.6.2
Inspection Checklist

Energy Code: 2014 Florida Building Code, Energy Conservation

Requirements: 94.0% 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	Final Inspection	Complies?	Comments/Assumptions
C405.2 (F17)	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	Requirement will be met.
C103.2 (F14)	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	Requirement will be met.

Additional Comments/Assumptions:

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Section # & Req. ID	Final Inspection	Complies?	Comments/Assumptions
C408.2.5 (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	Requirement will be met.
C408.2.5 (F17)	Furnished O&M instructions for systems and equipment in 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.
C405.2 (F18)	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	Requirement will be met. See the Interior Lighting Fixture schedule for values.
C408.3 (F13)	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:

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 Data filename: G:\19000-19999\19800-19899\19811\Project Data\EnergyCompliance\19811.cck Page 6 of 7

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TESTING NOTE
 INSTALLING CONTRACTORS RESPONSIBLE FOR INSTALLATION CERTIFICATES. CONTRACTOR RESPONSIBLE FOR CONTRACTING WITH APPROPRIATE PARTIES TO CHANGE FOR TESTING OF THE SYSTEM AND COMPLETION OF ACCEPTANCE TESTING CERTIFICATES

REVISIONS	DATE
ISSUE FOR CLIENT	10/27/2017
LANDLORD AND PERMIT	
ISSUE FOR PERMIT	11/17/2017

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ELECTRIC ENERGY COMPLIANCE

DRAWN BY	LAH
CHECKED BY	LGJ
JOB NUMBER	19811
SHEET NAME	E4.1

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