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### COMcheck Software Version 4.0.8.1 Interior Lighting Compliance Certificate

**Project Information**

Energy Code: 2017 Florida Building Code, Energy Conservation  
 Project Title: Starbucks Cypress Gardens & Roosevelt  
 Project Type: Alteration

Construction Site: Winter Haven, FL  
 Owner/Agent: Starbucks Coffee Company  
 2402 Utah Ave South  
 Seattle, WA 98134  
 Design/Contractor: Tim Robertson  
 Design Forum Engineering  
 700 W. Pine Ridge Way Ste 400  
 Winter Haven, FL 33903

Area Category	Floor Area (ft <sup>2</sup> )	Allowed Watts / ft <sup>2</sup>	Allowed Watts (B X C)
Common Space Types Dining Area - Bar Lounge/Seating	2247	1.07	2404
<b>Total Allowed Watts =</b>			<b>2404</b>

Fixture ID / Description / Lamp / Wattage Per Lamp / Ballast	A	B	C	D	E
	Lamps / Fixture	# of Fixtures	Watt.	(C X D)	
Common Space Types Dining Area - Bar Lounge/Seating (2247) (2404)					
LED 18007 LED Downlight Other	1	8	15	120	
LED 18007 LED Troffer Other	1	8	40	320	
LED 18009 LED Troffer Other	1	2	10	20	
Track lighting Track run 1 3A CLD Wattage based on current limiting device capacity	0	0	360	360	
Track lighting Track run 2 3A CLD Wattage based on current limiting device capacity	0	0	240	240	
Track lighting Track run 3 3A CLD Wattage based on current limiting device capacity	0	0	360	360	
Track lighting Track run 4 3A CLD Wattage based on current limiting device capacity	0	0	360	360	
<b>Total Proposed Watts =</b>			<b>1740</b>		

**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 2017 Florida Building Code, Energy Conservation requirements in COMcheck Version 4.0.8.1 and to comply with any applicable mandatory requirements stated on the inspection checklist.

Name: Title: Signature: Date:

Project Title: Starbucks Cypress Gardens & Roosevelt Report date: 04/13/18  
 Data Filename: \\sawall@designforum.com\Projects\Starbucks\Cypress Gardens & Roosevelt D105 CD4181 Page 1 of 5  
 P:\MS\Starbucks - Cypress Gardens.cck

### COMcheck Software Version 4.0.8.1 Inspection Checklist

Energy Code: 2017 Florida Building Code, Energy Conservation

Requirements: 100.0% were addressed directly in the COMcheck software. 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 handled in a separate table, a reference to that table is provided.

Section	Plan Review	Completed	Comments/Assumptions
8-809.0	Plan specifications, and/or calculations provide all information with which compliance can be determined for the electrical systems and equipment and assurance where required are claimed. Provisions are made for metering individual branch units. Feeder conductors for feeder and branch circuits shall be installed in accordance with approved place with maximum drop of 5% voltage drop tube.	<input checked="" type="checkbox"/> Complete <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C103.2 (F147)	Plan specifications, and/or calculations provide all information with which compliance can be determined for the interior lighting and electrical systems and equipment and assurance where required are claimed. Information provided should include interior lighting power calculations, wattage of loads and loads, transformers and control devices.	<input checked="" type="checkbox"/> Complete <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)

Project Title: Starbucks Cypress Gardens & Roosevelt Report date: 04/13/18  
 Data Filename: \\sawall@designforum.com\Projects\Starbucks\Cypress Gardens & Roosevelt D105 CD4181 Page 2 of 5  
 P:\MS\Starbucks - Cypress Gardens.cck

Section	Field Inspection	Completed	Comments/Assumptions
8-809.0 (E113)	Lighting controls installed to uniformly reduce the lighting load by at least 30%.	<input type="checkbox"/> Complete <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2 (E121)	Occupancy sensors installed in require spaces.	<input type="checkbox"/> Complete <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.1 (E121)	Independent lighting controls installed on approved lighting plans and all manual controls readily accessible and visible to occupants.	<input type="checkbox"/> Complete <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.2 (E121)	Automatic controls to shut off all building lighting installed in all buildings.	<input type="checkbox"/> Complete <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.3 (E121)	Daylight zones provided with individual controls that control the lights independent of general area lighting.	<input type="checkbox"/> Complete <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.2.3.1 (E121)	Unattended areas are not lit with required lighting.	<input type="checkbox"/> Complete <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement does not apply.
C405.2.3.2 (E121)	Unattended areas are not lit with required lighting.	<input type="checkbox"/> Complete <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement does not apply.
C405.2.3.3 (E121)	Enclosed areas with daylight area under skylight or rooftop monitor are equipped with required lighting controls.	<input type="checkbox"/> Complete <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.
C405.2.4 (E147)	Interior lighting control devices for areas not listed per approved.	<input type="checkbox"/> Complete <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
M2.1.4 (E147)	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"/> Complete <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.3 (E147)	Exit signs do not exceed 5 watts per foot.	<input type="checkbox"/> Complete <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.

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Project Title: Starbucks Cypress Gardens & Roosevelt Report date: 04/13/18  
 Data Filename: \\sawall@designforum.com\Projects\Starbucks\Cypress Gardens & Roosevelt D105 CD4181 Page 3 of 5  
 P:\MS\Starbucks - Cypress Gardens.cck

Section	Field Inspection	Completed	Comments/Assumptions
C405.4 (F157)	Furnished OAH instructions for systems and equipment to the building owner or designated representative.	<input type="checkbox"/> Complete <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C405.4.1 (F157)	Interior installed lamps and fixture lighting power is consistent with what is shown on the approved lighting plans, demonstrating equipment wattage are less than or equal to allowed watts.	<input type="checkbox"/> Complete <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	See the interior lighting fixture schedule for notes.
C408.2.2 (F163)	Furnished as-built drawings for electric power systems within 90 days of system acceptance.	<input type="checkbox"/> Complete <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
C408.3 (F163)	Lighting systems have been tested to ensure proper calibration, adjustment, programming, and operation.	<input type="checkbox"/> Complete <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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Project Title: Starbucks Cypress Gardens & Roosevelt Report date: 04/13/18  
 Data Filename: \\sawall@designforum.com\Projects\Starbucks\Cypress Gardens & Roosevelt D105 CD4181 Page 4 of 5  
 P:\MS\Starbucks - Cypress Gardens.cck

Section	Field Inspection	Completed	Comments/Assumptions
C405.4 (F157)	Furnished OAH instructions for systems and equipment to the building owner or designated representative.	<input type="checkbox"/> Complete <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
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 Data Filename: \\sawall@designforum.com\Projects\Starbucks\Cypress Gardens & Roosevelt D105 CD4181 Page 5 of 5  
 P:\MS\Starbucks - Cypress Gardens.cck



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Rev	Date	Description

**PROJECT NAME:**  
 CYPRESS GARDENS  
 BLVD & ROOSEVELT

**PROJECT ADDRESS:**  
 5709 CYPRESS GARDENS BLVD.  
 WINTER HAVEN, FL 33884

**STORE #:** 50175  
**PROJECT #:** 73763-001

**ISSUE DATE:** 05/02/2018  
**PROGRAM MANAGER:** ROMINA VIGNOLO  
**LEED® AP:** STARBUCKS  
**PRODUCTION DESIGNER:** MICHAEL B. SARKA  
**CHECKED BY:** ANA COSTANZO

**SHEET TITLE:**  
 COMCheck Certificate

**SCALE:** NOTED

**SHEET:**  
 EN-0001