



Interior Lighting Compliance Certificate

Project Information

Energy Code: 90.1 (2013) Standard
 Project Title: ATHLETA #7641
 Project Type: Alteration

Construction Site:
 PORTLAND
 152 MIDDLE STREET
 PORTLAND, MD 04101

Owner/Agent:
 GAP INC
 CORPORATE ARCHITECTURE
 1 HARRISON ST
 SAN FRANCISCO, CA 94105

Designer/Contractor:
 RICK SABATELLO
 DICKERSON ENGINEERING INC
 8101 NORTH MILWAUKEE AVE
 NILES, IL 60714
 847 966 0290
 PR@DEI-PE.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-Retail:Sales Area	1884	1.43	2713
Allowance: Furniture, clothing, cosmetics highlighting / Fix. ID: TRACK AND LED TRACK HEADS	1800 (a)	1.40	2520 (b)
2-Retail:Dressing/Fitting Room	520	0.71	369
3-Common Space Types:Restrooms	131	0.98	128
4-Common Space Types:Storage >=50 - <=1000 sq.ft.	633	0.63	399
Supplemental Allowed Watts (null) =			489
Total Allowed Watts =			6618

- (a) Area 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)
<u>Retail:Sales Area (1884 sq.ft.)</u>				
Compact Fluorescent P107: P107: 18" DIA PENDANT: Spiral 15W: Electronic:	1	4	15	60
Compact Fluorescent R100: R100: DOWNLIGHT: Triple 4-pin 32W: Electronic:	1	5	36	180
Track lighting: TRACK AND LED TRACK HEADS: Wattage based on circuit breaker capacity (40 amps x 120 volts)	0	0	4800	4800
Halogen 1: P209: PENDANT: Halogen 70W:	1	4	72	288
<u>Retail:Dressing/Fitting Room (520 sq.ft.)</u>				
LED 1: S300: SURFACE CAN: Other:	1	10	25	250
<u>Common Space Types:Restrooms (131 sq.ft.)</u>				
Compact Fluorescent R100: R100: DOWNLIGHT: Triple 4-pin 32W: Electronic:	1	4	36	144
<u>Common Space Types:Storage >=50 - <=1000 sq.ft. (633 sq.ft.)</u>				
Linear Fluorescent L103: L103: 4' STRIP LIGHT: 48" T8 32W: Electronic:	2	14	64	896
Total Proposed Watts =				6618

Interior Lighting : Passes using retail merchandise highlighting supplemental watts.

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 90.1 (2013) Standard requirements in COMcheck Version 4.0.2.8 and to comply with the mandatory requirements listed in the Inspection Checklist.

RICK SABATELLO P.E.
Name - Title



Signature

05/20/2016
Date



COMcheck Software Version 4.0.2.8

Inspection Checklist

Energy Code: 90.1 (2013) Standard

Requirements: 90.0% 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, 8.4.1.1, 8.4.1.2, 8.7 [PR6] ²	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the electrical systems and equipment and document where exceptions are claimed. Feeder connectors sized in accordance with approved plans and branch circuits sized for maximum drop of 3%.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Requirement will be met.
4.2.2, 9.4.3, 9.7 [PR4] ¹	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.

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
8.4.2 [EL10] ²	At least 50% of all 125 volt 15- and 20-Amp receptacles are controlled by an automatic control device.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Space type is not private office, open office, or computer classroom.
9.4.1.1 [EL1] ²	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	Requirement will be met.
9.4.1.1 [EL2] ²	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.
9.4.1.2 [EL11] ²	Parking garage lighting is equipped with required lighting controls and daylight transition zone lighting.	<input type="checkbox"/> Complies <input type="checkbox"/> Does Not <input type="checkbox"/> Not Observable <input type="checkbox"/> Not Applicable	Exception: Requirement does not apply.
9.4.1.1f [EL13] ¹	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	Exception: Requirement does not apply.
9.4.1.3 [EL4] ¹	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.
9.6.2 [EL8] ¹	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.

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
8.7.1 [FI16] ³	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.
8.7.2 [FI17] ³	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 [FI18] ¹	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	See the Interior Lighting fixture schedule for values.

Additional Comments/Assumptions:

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