



All fields and uploads are required unless otherwise noted.

## THRESHOLD ATTEMPTED

Points Attempted: 0

## MANDATORY AND PRESCRIPTIVE REQUIREMENTS

For all design and construction elements included in the architect or interior designer scope of work for the project:

The project design complies with all ASHRAE 90.1-2007 mandatory provisions (Sections 5.4, 6.4, 7.4, 8.4, 9.4, and 10.4).

The project design complies with ASHRAE 90.1-2007 prescriptive requirements (Sections 5.5, 6.5, 7.5 and 9.5) or performance requirements (Section 11).

Signatory: [REDACTED]; Architect; November 30, [REDACTED]

### REQUIRED SIGNATORY

Initial here : [REDACTED]

ARCHITECT/  
INTERIOR DESIGNER

For all design and construction elements included in the design engineer scope of work for the project:

The project design complies with all ASHRAE 90.1-2007 mandatory provisions (Sections 5.4, 6.4, 7.4, 8.4, 9.4 and 10.4).

The project design complies with ASHRAE 90.1-2007 prescriptive requirements (Sections 5.5, 6.5, 7.5 and 9.5) or performance requirements (Section 11).

Signatory: [REDACTED]; MEP Engineer; December 1, [REDACTED]

### REQUIRED SIGNATORY

Initial here : [REDACTED]

DESIGN  
ENGINEER

**(Optional) Upload EAp2-1.** Provide the following Interactive Compliance Forms, found at

<http://www.ashrae.org/technology/page/97>.

- 1) Building Envelope Compliance Documentation.
- 2) HVAC Compliance Documentation.
- 3) Service Water Heating Compliance Documentation.

Upload

Files: 1

## LIGHTING POWER DENSITY

**Upload EAp2-2.** Provide the "Lighting Compliance Documentation" Interactive Compliance Form, found at <http://www.ashrae.org/technology/page/97>. All interior lighting sections are required except the "Interior Lighting Power Allowance" Tables.

Upload

Files: 3

Lighting power density is calculated by (select one):

- ☒ Using the space-by-space approach.
- ☐ Applying the whole building lighting power allowance to the tenant space.

☒ Optional: The project includes specific lighting functions that require an additional interior lighting power allowance.

Energy code used: ASHRAE 90.1-2007

Complete the Lighting Power Density Table for all spaces in the LEED project scope.

**Table.** Lighting Power Density

Building Area or Space Type*	Code Allowed LPD (W/sf)	Gross Area (sf)	Lighting Power Allowance (W)	Installed Interior Lighting Power (W)
Office	1.1	11,519	12,670.9	18,972
Conference/lobby	1.3	3,850	5,005	0
Food prep/Mail room	1.2	717	860.4	0
Storage active	.8	1,311	1,048.8	0
Corridor	.5	3,046	1,523	0
Toilet	.9	625	562.5	0
Elect/Mech	1.5	2,188	3,282	0
Total		23,256	24,952.6	18,972
Percentage Lighting Power Reduction Achieved (%) Must be at least 10% to earn EA Prerequisite 2.				23.97

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\* Please use corresponding space types per ASHRAE 90.1, e.g., "Office, enclosed," "Conference, meeting, multipurpose", etc.

**Table.** Additional Lighting Power Allowance

Special Lighting Space Type	Gross Area (sf)	Additional LPD Allowance (W/sf)	Additional Lighting Power Allowance (W)	Installed additional Interior Lighting Power (W)
Decorative appearance	4,844	1	4,844	4,844
Total Lighting Power Allowance for Additional Interior Lighting Power (1000W + total) (watts)			4,844	4,844

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**Table.** Lighting Power Density Summary

	ASHRAE Allowance (W)	Installed (W)
Total Lighting Power Allowance for Regular Interior Lighting Power (watts)	24,952.6	18,972
Total Lighting Power Allowance for Additional Interior Lighting Power (1000W + total) <sup>1</sup>	4,844	4,844
Total	29,796.6	23,816
Percentage of Lighting Power Reduction Achieved (%) <sup>2</sup>		20.07

Notes:

1. Will be zero if the project does not include specific lighting functions that warrant additional lighting power allowance per ASHRAE 90.1-2007 Section 9.6.2.

2. Under EAp2, this must be 10% or greater to achieve compliance. Under EAc1.1, this must be 15% or greater to achieve 1 point, 20% or greater to achieve 2 points, 25% or greater to achieve 3 points, 30% or greater to achieve 4 points, and 35% or greater to achieve 5 points.

## ENERGY STAR RATED EQUIPMENT

Complete the ENERGY STAR Rated Equipment Table for all spaces in the LEED project scope.

**Table.** ENERGY STAR Equipment

	Non-ENERGY STAR Equipment <sup>1</sup>			ENERGY STAR Equipment					
Category	Number	Rated Power (watts)	Total	Make & Model	Number	Rated Power (Watts)	Total	TOTAL	
Refrigerator	0	0	0	Frigidaire 18.2 top	2	185	370	370	
Non-ENERGY STAR Equipment-Totals			0	ENERGY STAR Equipment Totals				370	370
Percent ENERGYSTAR rated equipment (by rated power)(%)							100		

Notes:

1. If no generic equipment installed, enter "0" in the fields below.

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## ADDITIONAL DETAILS

☐ Special circumstances preclude documentation of prerequisite compliance with the submittal requirements outlined in this form.

☐ The project team is using an alternative compliance approach in lieu of standard submittal paths.

## SUMMARY

EA Prerequisite 2: Minimum Energy Performance Compliance Documented:

Y