



LEED 2009 for Retail: Commercial Interiors

EA CREDIT 1.2: OPTIMIZE ENERGY PERFORMANCE

LIGHTING CONTROLS

All fields and uploads are required unless otherwise noted.

ALL OPTIONS

This static sample form has been modified for offline access. All sections of the form are visible. Sample forms are for reference only.

Select all that apply:

- ☐ **Option A. Daylight Controls for Daylit Areas.** The project has installed daylight responsive controls in all regularly occupied daylit spaces within 15 feet of windows and under skylights.
- ☐ **Option B. Daylight Controls for Lighting Load.** The project has installed daylight responsive controls for 50% of the connected lighting load.
- ☐ **Option C. Occupancy Sensors.** The project has installed occupancy sensors for 75% of the connected lighting load.

Total lighting load for project space:

 W

Table EAc1.2-1. Lighting Controls

Complete the table below for each zone with daylight or occupancy sensors in the project. Include sensor and/or load data as applicable. For projects pursuing both Option A and B: If a given space is only pursuing Option A, enter "0" under Option B in that row.

Note: Hover over the column headers for more detail.

All Options				Option A		Option B	Option C
Zone (Room Number)	Space type	Sensor Type	Control Device Make/Model	Reg. Occ.	Sensor-Daylight Distance (ft)	Load (W)	Load (W)
				<input type="checkbox"/>			

Table EAc1.2-2. Summary Data

	Option A	Option B	Option C
Total lighting loads (W)			
Percent coverage (%)			
EA Credit 1.2 Compliance			

Option A: 100% of regularly occupied spaces have daylight sensors within 15' of daylight source.

Option B: Daylight controls for 50% of the total project's connected lighting load.

Option C: Occupancy sensors for 75% of the total project's connected lighting load.

Option A compliance: All regularly occupied daylight spaces must have daylight responsive controls installed within 15' of windows and skylights.

Select one of the following:

- ☐ **Upload L-1** from PI Form 4 is a representative floor plans for the project space indicating lighting control zones and the location of each control device and corresponding lighting equipment. The floor plan indicates which zones are regularly occupied and includes a scale.
- OR ☐ **Upload EAc1.2-1.** Provide a floor plan of lighting control zones showing each control device and corresponding lighting equipment. Indicate which zones are regularly occupied, and include a scale.

ADDITIONAL DETAILS

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

SPECIAL CIRCUMSTANCES

Describe the circumstances limiting the project team's ability to provide the submittals required in this form. Be sure to reference what additional documentation has been provided, if any. Non-standard documentation will be considered upon its merits.

Upload EAc1.2-SC. Provide any additional documentation that supports the claim to special circumstances. (Optional)

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

ALTERNATIVE COMPLIANCE PATH

Describe the alternative compliance path used by the project team. Include justification that this path meets the credit intent and requirements. Be sure to reference what additional documentation has been provided, if any. Non-standard documentation will be considered upon its merits.

Upload EAc1.2-ACP. Provide any additional documents that support the alternative compliance path approach. (Optional)

- ☐ The project team is using the above alternative compliance path to document exemplary performance of EA Credit 1.2.

SUMMARY

EA Credit 1.2: Optimize Energy Performance - Lighting Controls Points Documented:

EA Credit 1.2: Optimize Energy Performance - Lighting Controls Exemplary Performance Documented:

- ☐ The project team reserves one point in the Innovation in Design credit category for exemplary performance in EA Credit 1.2.