



LEED - 2009

tambient

Green in any color®



tambient can help your project qualify for certification under the Leadership in Energy and Environmental Design (LEED) rating systems outlined by the U.S. Green Building Council. Based on the LEED 2009 rating system for commercial interiors, the contributions shown here may apply. Similar contributions may apply to the rating systems for other building types and projects. Regional credits may also apply. To learn more, contact us directly or visit the U.S. Green Building Council at www.usgbc.org.

LEED 2009 for Commercial Interiors

<p>Energy and Atmosphere Credit 1.1 Optimize Energy Performance – Lighting Power (1-5 points)</p>	<p>Intent: To achieve increasing levels of energy conservation beyond the referenced standard to reduce environmental and economic impacts associated with excessive energy use.</p> <p>Requirement: Reduce connected lighting power density below that allowed by ANSI/ASHRAE/IESNA Standard 90.1-2007 (or California Title 24-2005 Part 6) to one of the following levels below the standard:</p> <ul style="list-style-type: none"> ■ 15% below (1 point) ■ 20% below (2 points) ■ 25% below (3 points) ■ 30% below (4 points) ■ 35% below (5 points) 	<p>tambient Contribution: Workstation integrated task ambient luminaires can reduce lighting power density in office spaces to 0.6 watts/sf (40% below the standard).</p>
<p>Energy and Atmosphere Credit 1.2 Optimize Energy Performance – Lighting Controls (1-3 points)</p>	<p>Intent: To achieve increasing levels of energy conservation beyond the prerequisite standard to reduce environmental and economic impacts associated with excessive energy use.</p> <p>Requirements: Design the project to include one or more of the following independent strategies:</p> <ul style="list-style-type: none"> ■ Install daylight responsive controls in all regularly occupied daylight spaces within 15 feet of windows and under skylights. (1 point) ■ Install daylight responsive controls for 50% or more of the connected lighting load and demonstrate that 50% of the connected lighting load is daylight responsive. (1 point) ■ Install occupancy sensors for 75% of the connected lighting load. (1 point) 	<p>tambient Contribution: tambient offers luminaires with integral dimming ballasts and connectors for daylight harvesting systems. tambient can also provide stand-alone daylight and occupancy response using EnOcean wireless technology.</p>
<p>Materials and Resources Credit 5 Regional Materials (1 point)</p>	<p>Intent: To increase demand for building materials and products that are manufactured within the region, thereby supporting the regional economy and reducing the environmental impacts resulting from transportation.</p> <p>Requirement (Option 1): Use a minimum of 20% of the combined value of construction and Division 12 (Furniture) materials and products that are manufactured regionally within a radius of 500 miles.</p>	<p>tambient Contribution: tambient luminaires are portable and can be specified and procured along with other Division 12 products. Contribution depends on the location of the project. tambient is manufactured in West Haven, CT. Our factory is located within a 500-mile radius of approximately 40% of the U.S. office real estate market.</p>
<p>Indoor Environmental Quality Credit 6.1 Controllability of Systems – Lighting (1 point)</p>	<p>Intent: To provide a high level of lighting system control for individual occupants or groups in multi-occupant spaces (e.g., classrooms and conference areas), and promote their productivity, comfort and well-being.</p> <p>Requirements:</p> <ul style="list-style-type: none"> ■ Provide lighting controls for 90% (minimum) of the tenant space occupants, enabling adjustments to suit individual task needs and preferences. ■ Provide lighting system controls for all shared multi-occupant spaces to enable adjustments that meet group needs and preferences. 	<p>tambient Contribution: tambient offers optional personal fine-tune dimming for individual control.</p>
<p>Regional Priority Credit 1 EA Credit 1.1/35% (1 point)</p>	<p>Intent: To provide an incentive for the achievement of credits that address geographically specific environment priorities.</p> <p>Requirement: Earn the maximum level of energy performance recognized by the EA Credit 1.1. Applicable to projects in priority zip codes only. To learn more, please contact us directly or visit the U.S. Green Building Council at usgbc.org.</p>	<p>tambient Contribution: tambient's innovative all-in-one task ambient luminaires help projects in energy-stressed areas earn maximum recognition by optimizing lighting power without compromising visual comfort.</p>