



PLACES

LEED

PLACES Contributions to LEED®

Minimize impact. Maximize investment. PLACES® is durable and adaptable so it will keep working for you through many years of change. PLACES products may contribute to the individual prerequisites and credits of LEED. Because LEED is a holistic building rating system and sustainable design guideline, there is no such thing as LEED-certified products—only ways of using and applying products to support the criteria.

PLACES contributes to the following LEED Certifications:

LEED 2009 for Commercial Interiors

LEED 2009 for New Construction

LEED 2009 for Existing Buildings

LEED 2009 for Core and Shell Development

HAWORTH®

PLACES[®] Contributions to LEED[®] 2009

Product Name: PLACES System
LEED Rating System: LEED 2009 for Commercial Interiors



Energy & Atmosphere

Credit 1.1 **Optimize Energy Performance - Lighting Power** 1-3 points
PLACES lighting solutions utilize high efficiency electronic ballasts and energy efficient T5 and T8 lamps.

Materials & Resources

Credit 2 **Construction Waste Management** 1-2 points
PLACES packing materials include cardboard, polyethylene film and wood, all of which are easily recycled in many markets.

Credit 3.2 **Materials Reuse --- Furniture and Furnishings** 1 point
PLACES products are designed to be easily moved, refurbished if desired, and reused, contributing to this point on future projects.

Credit 4 **Recycled Content** 1-2 points
PLACES products may contribute to this point as a typical installation contains 14% post-consumer and 35% pre-consumer recycled content.

Credit 5 **Regional Materials** 1-2 points
PLACES may contribute to this point depending on the project location. PLACES components are manufactured in and around Holland, Michigan. Steel, which is a primary material in PLACES, is purchased from steel mills in Northern Indiana.

Credit 7 **Certified Wood** 1 point
PLACES components, with the exception of wood trim, can be specified with FSC certified wood veneers.

Indoor Environmental Quality

Credit 3.2 **Construction IAQ Management Plan --- Before Occupancy** 1 point
Low-emitting PLACES products reduce emissions during construction and flush-out.

Credit 4.5 **Low-Emitting Materials --- Systems Furniture and Seating** 1 point
PLACES is Greenguard certified.

Credit 6.1 **Controllability of Systems --- Lighting** 1 point
PLACES individual task lights provide direct control of lighting levels.

Credit 8.1 **Daylight and Views --- Daylight** 1 point
Variation of panel heights, selection of vision glazing, and proper orientation of components provides access to daylighting and preservation of view corridors.

Credit 8.2 **Daylight and Views - Views for Seated Spaces** 1 point
Variation of panel heights, selection of vision glazing, and proper orientation of components provides access to daylighting and preservation of view corridors.

Innovation & Design Process

Credit 1

Innovation in Design

1 point

Exemplary performance points may be achieved when a project substantially exceeds a LEED-CI performance credit. For instance, an innovation point may be awarded for achieving 30% recycled content on a LEED-CI 2009 project. PLACES can contribute to achieving this higher level of recycled content.

PLACES[®] Contributions to LEED[®] 2009

Product Name: PLACES System
 LEED Rating System: LEED 2009 for New Construction



Energy & Atmosphere

Credit 1	Optimize Energy Performance <i>PLACES lighting solutions utilize high efficiency electronic ballasts and energy efficient T5 and T8 lamps.</i>	1-10 points
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Materials & Resources

Credit 2	Construction Waste Management <i>PLACES packing materials include cardboard, polyethylene film and wood, all of which are easily recycled in many markets.</i>	1-2 points
Credit 3	Materials Reuse <i>PLACES products are designed to be easily moved, refurbished if desired, and reused, contributing to this point on future projects.</i>	1-2 points
Credit 4	Recycled Content <i>PLACES may contribute to this point as a typical installation contains 14% post-consumer and 35% pre-consumer recycled content.</i>	1-2 points
Credit 5	Regional Materials <i>PLACES may contribute to this point depending on the project location. PLACES components are manufactured in and around Holland, Michigan. Steel, which is a primary material in PLACES, is purchased from steel mills in Northern Indiana.</i>	1-2 points
Credit 7	Certified Wood <i>PLACES components, with the exception of wood trim, can be specified with FSC certified wood veneers.</i>	1 point

Indoor Environmental Quality

Credit 3.2	Construction IAQ Management Plan --- Before Occupancy <i>Low-emitting PLACES products reduce dust and emissions during construction and flush-out.</i>	1 point
Credit 6.1	Controllability of Systems --- Lighting <i>PLACES individual task lights provide direct control of lighting levels.</i>	1 point
Credit 8.1	Daylight and Views --- Daylight <i>Variation of panel heights, selection of vision glazing, and proper orientation of components provides access to daylighting and preservation of view corridors.</i>	1 point
Credit 8.2	Daylight and Views --- Views <i>Variation of panel heights, selection of vision glazing, and proper orientation of components provides access to daylighting and preservation of view corridors.</i>	1 point

Innovation in Design

Credit 1

Innovation Credit for Low Emitting Furniture

1 point

Low emitting furniture may be applied toward an innovation credit for LEED NC following the criteria of LEED-CI EQ Credit 4.5. PLACES systems furniture is Greenguard certified as low emitting and may contribute to earning this innovation credit.

PLACES[®] Contributions to LEED[®] 2009

Product Name: PLACES System
LEED Rating System: LEED 2009 for Existing Buildings



Energy & Atmosphere

Credit 1	Optimize Energy Efficiency Performance <i>PLACES lighting solutions utilize high efficiency electronic ballasts and energy efficient T5 and T8 lamps.</i>	1-18 points
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Materials & Resources

Credit 2	Sustainable Purchasing --- Durable Goods <i>PLACES contains more than 10% post-consumer and 20% post-industrial recycled content. FSC materials are also available on a special order basis.</i>	1-2 points
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Indoor Environmental Quality

Credit 2.2	Controllability of Systems --- Lighting <i>PLACES individual task lights provide direct control of lighting levels.</i>	1 point
Credit 2.4	Daylight & Views <i>Variation of panel heights, selection of vision glazing, and proper orientation of components provides access to daylighting and preservation of view corridors.</i>	1 point

PLACES[®] Contributions to LEED[®] 2009

Product Name: PLACES System
 LEED Rating System: LEED 2009 Core and Shell



Energy & Atmosphere

Credit 1	Optimize Energy Performance <i>PLACES lighting solutions utilize high efficiency electronic ballasts and energy efficient T5 and T8 lamps.</i>	3-21 points
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Materials & Resources

Credit 2	Construction Waste Management <i>PLACES packing materials include cardboard, polyethylene film and wood, all of which are easily recycled in many markets.</i>	1-2 points
Credit 3	Materials Reuse <i>PLACES products are designed to be easily moved, refurbished if desired, and reused, contributing to this point on future projects.</i>	1 point
Credit 4	Recycled Content <i>PLACES may contribute to this point as a typical installation contains 14% post-consumer and 35% pre-consumer recycled content.</i>	1-2 points
Credit 5	Regional Materials <i>PLACES may contribute to this point depending on the project location. Steel, which is a primary material in PLACES, is purchased from steel mills in Northern Indiana. PLACES product is then manufactured in Holland, Michigan.</i>	1-2 points
Credit 6	Certified Wood <i>PLACES components, with the exception of wood trim, can be specified with FSC certified wood veneers.</i>	1 point

Indoor Environmental Quality

Credit 8.1	Daylight and Views --- Daylight <i>Variation of panel heights, selection of vision glazing, and proper orientation of components provides access to daylighting and preservation of view corridors.</i>	1 point
Credit 8.2	Daylight and Views --- Views <i>Variation of panel heights, selection of vision glazing, and proper orientation of components provides access to daylighting and preservation of view corridors.</i>	1 point