



Orlando LS

LEED

Orlando LS Contributions to LEED®

Minimize impact. Maximize investment. Orlando™ LS is durable and adaptable so it will keep working for you through many years of change. Orlando LS 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.

Orlando LS 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®

Orlando™ LS Contributions to LEED® 2009

Product Name: Orlando LS Casegoods
 LEED Rating System: LEED 2009 for Commercial Interiors



Energy & Atmosphere

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| Credit 1.1 | Optimize Energy Performance - Lighting Power <i>Orlando LS lighting solutions utilize high efficiency electronic ballasts and energy efficient T5 and T8 lamps.</i> | 1-3 points |
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Materials & Resources

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| Credit 2 | Construction Waste Management <i>Orlando LS packing materials include cardboard, polyethylene film and wood, all of which are easily recycled in many markets.</i> | 1-2 points |
| Credit 3.2 | Materials Reuse --- Furniture and Furnishings <i>Orlando LS 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>Orlando LS products may contribute to this point as a typical installation contains 2% post-consumer and 75% pre-consumer recycled content.</i> | 1-2 points |
| Credit 5 | Regional Materials <i>Orlando LS may contribute to this point depending on the project location. Orlando LS components are manufactured in St. Pie, Quebec. Particleboard, a primary material in Orlando LS, is purchased from mills in Southeastern Quebec.</i> | 1-2 points |

Indoor Environmental Quality

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| Credit 3.2 | Construction IAQ Management Plan --- Before Occupancy <i>Low-emitting Orlando LS products reduce emissions during construction and flush-out.</i> | 1 point |
| Credit 4.5 | Low-Emitting Materials --- Systems Furniture and Seating <i>Orlando LS is Greenguard certified.</i> | 1 point |
| Credit 6.1 | Controllability of Systems --- Lighting <i>Orlando LS accommodates individual task lights providing direct control of lighting levels.</i> | 1 point |
| Credit 8.1 | Daylight and Views --- Daylight <i>Variation of component heights and proper orientation of components provides access to day-lighting and preservation of view corridors.</i> | 1 point |
| Credit 8.2 | Daylight and Views --- Views for Seated Spaces <i>Variation of component heights and proper orientation of components provides access to day-lighting and preservation of view corridors.</i> | 1 point |

Innovation & Design Process

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| Credit 1 | Innovation in Design <i>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. Orlando LS can contribute to achieving this higher level of recycled content.</i> | 1 point |
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Orlando™ LS Contributions to LEED® 2009

Product Name: Orlando LS Casegoods
 LEED Rating System: LEED 2009 for New Construction



Energy & Atmosphere

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

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| Credit 2 | Construction Waste Management <i>Orlando LS 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>Orlando LS 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>Orlando LS may contribute to this point as a typical installation contains 2% post-consumer and 75% pre-consumer recycled content.</i> | 1-2 points |
| Credit 5 | Regional Materials <i>Orlando LS may contribute to this point depending on the project location. Orlando LS components are manufactured in St. Pie, Quebec. Particleboard, a primary material in Orlando LS, is purchased from mills in Southeastern Quebec.</i> | 1-2 points |

Indoor Environmental Quality

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

Innovation in Design

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| Credit 1 | Innovation Credit for Low Emitting Furniture <i>Low emitting furniture may be applied toward an innovation credit for LEED NC following the criteria of LEED-CI EQ Credit 4.5. Orlando LS casegoods are Greenguard certified as low emitting and may contribute to earning this innovation credit.</i> | 1 point |
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Orlando™ LS Contributions to LEED® 2009

Product Name: Orlando LS Casegoods
LEED Rating System: LEED 2009 for Existing Buildings



Energy & Atmosphere

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

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| Credit 2 | Sustainable Purchasing --- Durable Goods <i>Orlando LS contains more than 20% post-industrial recycled content.</i> | 1-2 points |
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Indoor Environmental Quality

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| Credit 2.2 | Controllability of Systems --- Lighting <i>Orlando LS individual task lights provide direct control of lighting levels.</i> | 1 point |
| Credit 2.4 | Daylight & Views <i>Variation of component heights and proper orientation of components provides access to day-lighting and preservation of view corridors.</i> | 1 point |

Orlando™ LS Contributions to LEED® 2009

Product Name: Orlando LS Casegoods
LEED Rating System: LEED 2009 Core and Shell



Energy & Atmosphere

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

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| Credit 2 | Construction Waste Management <i>Orlando LS 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>Orlando LS 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>Orlando LS may contribute to this point as a typical installation contains 2% post-consumer and 74% pre-consumer recycled content.</i> | 1-2 points |
| Credit 5 | Regional Materials <i>Orlando LS may contribute to this point depending on the project location. Orlando LS components are manufactured in St. Pie, Quebec. Particleboard, a primary material in Orlando LS, is purchased from mills in Southeastern Quebec.</i> | 1-2 points |

Indoor Environmental Quality

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| Credit 8.1 | Daylight and Views --- Daylight <i>Variation of component heights and proper orientation of components provides access to day-lighting and preservation of view corridors.</i> | 1 point |
| Credit 8.2 | Daylight and Views --- Views <i>Variation of component heights and proper orientation of components provides access to day-lighting and preservation of view corridors.</i> | 1 point |