



# Orlando

## LEED

### Orlando Contributions to LEED®

Minimize impact. Maximize investment. Orlando™ is durable and adaptable so it will keep working for you through many years of change. Orlando 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 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™ Contributions to LEED® 2009

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



## Energy & Atmosphere

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

Credit 2	<b>Construction Waste Management</b> <i>Orlando packing materials include cardboard, polyethylene film and wood, all of which are easily recycled in many markets.</i>	1-2 points
Credit 3.2	<b>Materials Reuse --- Furniture and Furnishings</b> <i>Orlando products are designed to be easily moved, refurbished if desired, and reused, contributing to this point on future projects.</i>	1 point
Credit 4	<b>Recycled Content</b> <i>Orlando products may contribute to this point as a typical installation contains 3% post-consumer and 79% pre-consumer recycled content.</i>	1-2 points
Credit 5	<b>Regional Materials</b> <i>Orlando products may contribute to this point depending on the project location. Orlando is manufactured in Big Rapids, Michigan.</i>	1-2 points
Credit 7	<b>Certified Wood</b> <i>Orlando components can be specified with FSC materials through specials.</i>	1 point

## Indoor Environmental Quality

Credit 3.2	<b>Construction IAQ Management Plan --- Before Occupancy</b> <i>Low-emitting Orlando products reduce emissions during construction and flush-out.</i>	1 point
Credit 4.5	<b>Low-Emitting Materials --- Systems Furniture and Seating</b> <i>Orlando is SCS Indoor Advantage Certified. SCS is an acceptable compliance path for LEED CI credit EQ 4.5. Equivalent to Greenguard certification.</i>	1 point
Credit 6.1	<b>Controllability of Systems --- Lighting</b> <i>Orlando individual task lights provide direct control of lighting levels.</i>	1 point
Credit 8.1	<b>Daylight and Views --- Daylight</b> <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	<b>Daylight and Views - Views for Seated Spaces</b> <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

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**Innovation & Design Process**

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

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



## Energy & Atmosphere

Credit 1	<b>Optimize Energy Performance</b> <i>Orlando 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	<b>Construction Waste Management</b> <i>Orlando packing materials include cardboard, polyethylene film and wood, all of which are easily recycled in many markets.</i>	1-2 points
Credit 3	<b>Materials Reuse</b> <i>Orlando 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	<b>Recycled Content</b> <i>Orlando may contribute to this point as a typical installation contains 3% post-consumer and 79% pre-consumer recycled content.</i>	1-2 points
Credit 5	<b>Regional Materials</b> <i>Orlando products may contribute to this point depending on the project location. Orlando is manufactured in Big Rapids, Michigan.</i>	1-2 points
Credit 7	<b>Certified Wood</b> <i>Orlando components can be specified with FSC materials through specials.</i>	1 point

## Indoor Environmental Quality

Credit 3.2	<b>Construction IAQ Management Plan --- Before Occupancy</b> <i>Low-emitting Orlando products reduce dust and emissions during construction and flush-out.</i>	1 point
Credit 6.1	<b>Controllability of Systems --- Lighting</b> <i>Orlando individual task lights provide direct control of lighting levels.</i>	1 point
Credit 8.1	<b>Daylight and Views --- Daylight</b> <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	<b>Daylight and Views --- Views</b> <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	<b>Innovation Credit for Low Emitting Furniture</b> <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 casegoods are SCS certified as low emitting and may contribute to earning this innovation credit.</i>	1 point
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# Orlando<sup>®</sup> Contributions to LEED<sup>®</sup> 2009

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



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## Energy & Atmosphere

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Credit 1	<b>Optimize Energy Efficiency Performance</b> <i>Orlando 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	<b>Sustainable Purchasing --- Durable Goods</b> <i>Orlando contains more than 20% post-industrial recycled content. FSC materials are also available through specials.</i>	1-2 points
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## Indoor Environmental Quality

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Credit 2.2	<b>Controllability of Systems --- Lighting</b> <i>Orlando individual task lights provide direct control of lighting levels.</i>	1 point
Credit 2.4	<b>Daylight and Views</b> <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

# Orlando<sup>®</sup> Contributions to LEED<sup>®</sup> 2009

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



## Energy & Atmosphere

Credit 1	<b>Optimize Energy Performance</b> <i>Orlando 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	<b>Construction Waste Management</b> <i>Orlando packing materials include cardboard, polyethylene film and wood, all of which are easily recycled in many markets.</i>	1-2 points
Credit 3	<b>Materials Reuse</b> <i>Orlando products are designed to be easily moved, refurbished if desired, and reused, contributing to this point on future projects.</i>	1 point
Credit 4	<b>Recycled Content</b> <i>Orlando may contribute to this point as a typical installation contains 3% post-consumer and 79% pre-consumer recycled content.</i>	1-2 points
Credit 5	<b>Regional Materials</b> <i>Orlando products may contribute to this point depending on the project location. Orlando is manufactured in Big Rapids, Michigan.</i>	1-2 points
Credit 6	<b>Certified Wood</b> <i>Orlando components can be specified with FSC materials through specials.</i>	1 point

## Indoor Environmental Quality

Credit 8.1	<b>Daylight and Views --- Daylight</b> <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	<b>Daylight and Views --- Views</b> <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