



Earthright: Herman Miller's Sustainability Strategy

Resource Smart

- Zero Waste
- Net Zero Water
- Net Zero Energy

Eco-inspired Design

- All products designed for the environment
- All products BIFMA level 3 certified
- Closed-loop recycling of used product

Community Driven

- All employees engaged in Earthright
- All suppliers committed to be Resource Smart

Environmental Product Summary Thrive™ Portfolio

Ardea™ Personal Light



Design Story: Supporting Ergonomic Comfort

Providing better, more effective products to connect individuals to their work is one of the key goals of the Thrive Portfolio, whose products include the Ardea Personal Light.

Designed by Yves Behar, the Ardea Personal Light is a task light inspired by nature with minimal impact on the environment.

Ardea uses a mini-compact fluorescent 13-watt bulb, the current standard in energy-efficient lighting. Compact fluorescent bulbs have a life that's about three to four times longer than that of incandescent bulbs, and use about a quarter of the electricity. The light temperature of Ardea's compact fluorescent bulb is bright white at 3,500 kelvin and uses a 120-volt magnetic ballast. The light output of the 13-watt compact fluorescent is 780 lumens—about the same as a 60-watt incandescent bulb.

Herman Miller's Design Protocol

Our commitment to corporate sustainability naturally includes minimizing the environmental impact of each of our products. Our Design for Environment team (DfE) applies environmentally sensitive design standards to both new and existing Herman Miller products.

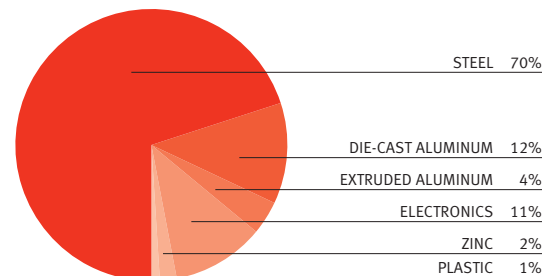
The DfE Design Protocol goes beyond regulatory compliance to thoroughly evaluate new product designs in four key areas:

- *Material Chemistry and Safety of Inputs*—What chemicals are in the materials we specify, and are they the safest available?
- *Disassembly*—Can we take products apart at the end of their useful life, to recycle their materials?
- *Recyclability*—Do the materials contain recycled content, and more importantly, can the materials be recycled at the end of the product's useful life?

- *LCA*—Have we optimized the product based on the entire life cycle?

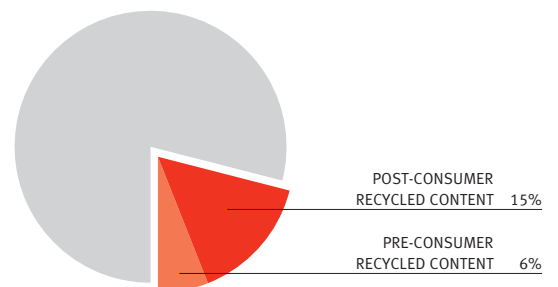
Material Content*

Ardea Personal Light components are constructed from steel, aluminum, electronics, zinc, and plastic.



Ardea is up to 84 percent recyclable based on availability of recycling facilities.

It is comprised of 21 percent recycled materials. This figure breaks down to 15-percent post-consumer and 6-percent pre-consumer recycled content.



- Die-cast aluminum components are typically made from more than 85-percent recycled material and are 100 percent recyclable.



Environmental Product Summary
Thrive™ Portfolio

Ardea™ Personal Light

- Steel components contain approximately 37 percent recycled content and are 100 percent recyclable.
- Most metal components have a powder-coat paint finish that emits negligible volatile organic compounds (VOCs).
- Plastic components are identified with an ASTM recycling code whenever possible to aid in returning these materials to the recycling stream.
- Every material has been scrutinized down to the molecular level.
- *Returnable/Recyclable Packaging*—Packaging materials include corrugated cardboard and a polyethylene plastic bag. These materials are part of a closed-loop recycling system, meaning they can be recycled repeatedly.
 - Whenever possible, shipments between Herman Miller and its suppliers include the use of pallets and other returnable packaging to minimize waste.

It's important to note that no interior furnishings, individually or collectively, can guarantee a specific number of points for LEED certification.

Manufacturing Process

- *ISO* – Ardea is manufactured at an ISO 14001-certified site.

Product Performance

- Designed for minimal material use, reduced energy requirements, easy reconfiguration, and durability.
- Backed by Herman Miller's 5-year, 24/7 warranty.

Corporate Sustainability Policy

For more information on Herman Miller's Corporate Sustainability Policy and other environmental efforts, please visit HermanMiller.com/environment.

Supplier Support

At Herman Miller, we are committed to working closely with our suppliers to reduce our collective impact on the environment. We not only encourage our suppliers to minimize their operations' environmental impacts, but require they assist us in decreasing their facilities' negative environmental effects, as well.

LEED

Herman Miller's Ardea Personal Light may contribute to LEED credits due to its returnable/reusable packaging, durability, pre-consumer recycled content, and post-consumer content. Depending on location, Ardea also may contribute to a LEED Regional Materials credit. Please refer to <http://hermanmiller.com/ecoScore-card> or contact your Herman Miller representative for detailed LEED information.

Herman Miller complies with the Federal Trade commission's Part 260 Guides for the Use of Environmental Marketing Claims.