

OUR COMMITMENT TO SUSTAINABILITY

PROJECT: CUYAHOGA COMMUNITY COLLEGE METRO CAMPUS CENTER
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PHOTOGRAPH: CHRISTIAN PHILLIPS PHOTOGRAPHY
LEED GOLD CERTIFIED



Because Sustainability is Everyone's Responsibility

At OCL, we're building **sustainable solutions** into everything we do. We're committed to developing solutions that enable high performance buildings, reduce the environmental impact of our own operations and transform how people live and work - more efficiently, comfortably, and safely.

We aspire to be leaders in the lighting industry by operating sustainably, and by helping our customers meet their sustainability goals and requirements. To succeed in this effort, we recognize that sustainability is a responsibility and opportunity shared across our entire organization.

As a part of **Legrand's Corporate Responsibility Roadmap**, OCL is committed to developing sustainable solutions now and for the future. Here are the highlights, divided into **three main focuses: business ecosystem, people, and environment**.

ENVIRONMENT

RoHS 3 Materials Restrictions

RoHS stands for **Restriction of Hazardous Substances**, and impacts the entire lighting industry and many other industries too.

The directive requires manufacturers to minimize the levels of **ten hazardous materials** – lead, mercury, cadmium, hexavalent chromium, PBB, PBDE, DEHP, BBP, DBP, and DIBP – in their products and equipment.

OCL has completed RoHS 3 evaluation and material restrictions for all parts used in thirty-two of our top fixture series.

Look for this icon on OCL spec sheets that meet RoHS Material Restrictions.



This product meets the material restrictions of Article 4 of the RoHS Directive (2011/65/EU), including Commission Delegated Directive 2015/863.

MEETS ROHS MATERIAL RESTRICTIONS AS OF JANUARY 2021

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FIXTURE SERIES

Aro	Glowring	Rev
Astra	Glowstick	Royale
Bamboo	Glowstick Cluster	Solo
Centro	Glowstick Diverge	Stealth
Cirque	Kywet	Tubie
Dash	Levo	Turris
Duo	Liner	Twin
Fabric	Loop	Una
Glowball	Nova	Vega
Glowball Cluster	Odyssey	Westport
Glowball Diverge	Pleatz	

Declare Label Evaluation

A **Declare Label** is a product transparency disclosure that identifies where a product comes from, what it's made of, and where it goes at the end of its life. Simply stated, it's an ingredients label.

OCL's goal is completion of Declare Labels for six fixture series by Q3 2022.

Look for this label on OCL product spec sheets that meet Declare.



DECLARE LABEL STATUS BY Q3 2021

6

FIXTURE SERIES

Solo	Loop
Twin	Glowstick
Glowring	Glowball



ENVIRONMENT

OCL + BIOS: Naturally Brilliant

It's not just about getting more light. Your project needs the right type of light at different times of the day to maximize health, productivity, and well-being. **BIOS SkyBlue™** technology is available in most OCL lighting fixtures to meet the needs of any application and maximize the health impact of the lighting.

THE MODERN DILEMMA

Most of us spend 90% of our time indoors. Our brains are naturally stimulated by and highly sensitive to the daylight signals; sitting indoors, we are not getting enough. Traditional lighting — even typical LED lighting — does not provide the proper light signals our bodies need to optimize our biological clocks and maintain healthy circadian rhythms.

BIOS SkyBlue™ LED Circadian Solutions have been developed based on the latest developments in circadian photo-biological research. With a peak energy emission at 490nm, **BIOS SkyBlue™** is the first circadian light source specifically engineered to align with the key blue sky signals our bodies need. BIOS SkyBlue Solutions provide the highest melanopic ratio for a given color temperature while ensuring comfortable and energy efficient illumination that helps to promote healthy circadian rhythms, allowing you to work more productively, sleep more soundly, and live healthier.

With the industry's high melanopic ratio, meeting **WELL is easy with BIOS**. BIOS SkyBlue™ Generation 2 LED circadian solutions contributes toward the Circadian Lighting Design Feature 54 under the **WELL Building Standard™ v1** and Feature L03 under the **WELL Building Standard v2**.

SkyBlue also meets other features within the WELL Light Concept, including coloring quality offering 81+ CRI and R9 values greater than 90, visual comfort metrics, and higher m/p ratios than traditional LED lighting.

OCL offers BIOS SkyBlue in most of our products. Just look for the BIOS Illuminated icon on OCL spec sheets.



BUSINESS ECOSYSTEM

New Product Development

OCL has integrated Eco Design and Circular Economy best practices into our entire product development process.

Our approval stage gates include input from cross-functional team members at OCL as well as sustainability experts from Legrand. Together we evaluate every opportunity including:

- Risk Assessment for Hazardous Materials **[RoHS 3]**
- Design for the Circular Economy
- Operational and Embodied Carbon Reduction
- Recycled Materials Opportunities
- Durability, Longevity, and Serviceability
- Modularity, Disassembly, and Recyclability
- WELL, FitWel Contribution, Living Building Challenge, LEED v4, and more

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Increasingly, design choices will revolve around eco design and circular economy strategies. Sustainability focused products, processes and services will become the expectation and requirement.



Andrew Schainker
SENIOR PRODUCT DESIGN MANAGER

ENVIRONMENT

Operations & Manufacturing

Our priorities focus on mitigating climate change, preventing pollution, and manufacturing products with the environment in mind.

Key implementations by our Operations Team include:

- Transitioning our factory from 21% landfill diversion to over 60% with goals to increase this in the future
- Shifted our paper recycling to include additional material
- Implemented alternative processing for our mixed plastics
- Developed auditing process of trash bins to remove paper streams before going to landfill
- Partnered with new pallet recycling vendor to increase pallet recyclability

PEOPLE

Professional Growth & Development

OCL owes its long history of innovation and achievement, thanks to the creative thinking of all our people. We welcome enthusiasm, imagination, drive, and ingenuity and in exchange we offer the support and rewards to help our people reach full potential.

This includes cross-functional training, workshops, and projects to educate OCL's people on Eco-Design, Circular Economy, Sustainability, WELL, and more.

OCL remains dedicated to giving back to our community, ensuring our workers are safe and healthy, helping our people develop, and actively striving for diversity and inclusion.

ENVIRONMENT

Initiatives & Organizations We Support

Sustainable products start with transparency

Transparency is moving to the forefront of the product selection and specification process. Leading building sustainability performance mechanisms, such as LEED® and the Living Building Challenge, drive demand for increased product transparency and create incentives for manufacturers to improve their manufacturing operations, product design, and supplier relationships.

At OCL, we are actively integrating sustainability into our processes so we can proudly **contribute to your High-Performance Building initiatives and organizations.**

OCL recognizes and supports the following initiatives:



Legrand is a proud member of the following organizations and groups:





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