Lumenwerx

Greenwerx

DESIGNING LIGHT WITH PURPOSE

About

Lumenwerx is a leading architectural lighting manufacturer with over 45,000 installations across North America. Since 2014, we've been designing and building intelligent lighting and control solutions that meet the highest standards of performance, precision, and design. Our 230,000 sq. ft. facility houses fully integrated design, engineering, and production teams, and in 2025, we expanded with a U.S. production site in New Jersey.

With a team of 750+ professionals—including more than 40 engineers and designers—we're known for our **innovation**, **fast lead times**, and **unmatched customization capabilities**. From concept to completion, we support your vision with lighting solutions that deliver lasting impact.

Sustainability is core to our approach. At Lumenwerx, sustainability is at the heart of our **Greenwerx Initiative**, guiding eco-conscious practices across every stage of our operations—from design and material selection to manufacturing. Through energy-efficient technologies, circular design principles, and a growing portfolio of products with environmental certifications, we're committed to reducing our footprint while helping clients meet their sustainability goals.

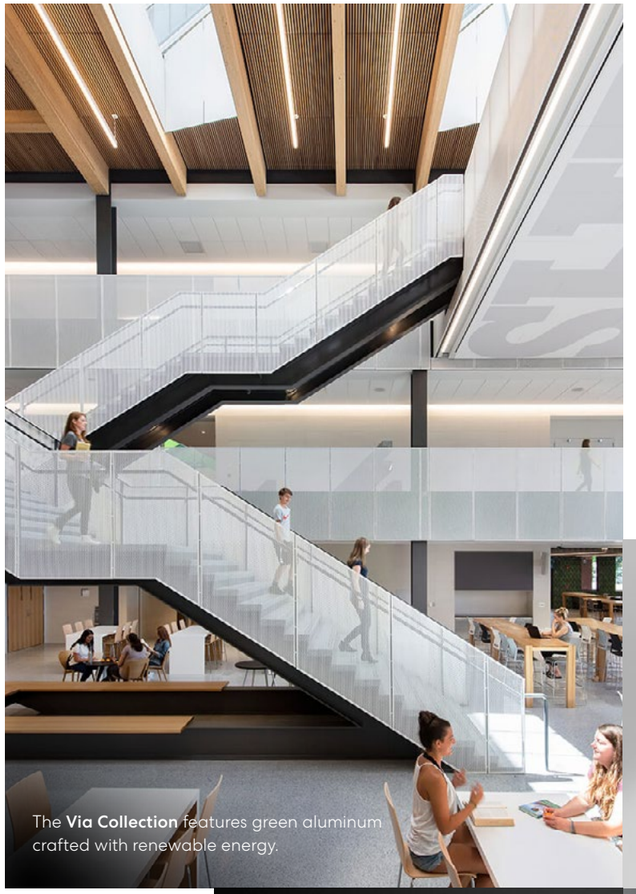
YEAR FOUNDED
2014

EMPLOYEES
750+

CLEAN ENERGY
100% Powered Green Energy

PRODUCT PORTFOLIO
500+
Products Developed

LUMINAIRE COMPOSITION
50–80%
Recycled Content

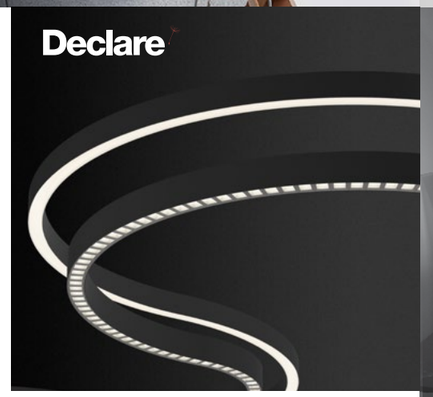


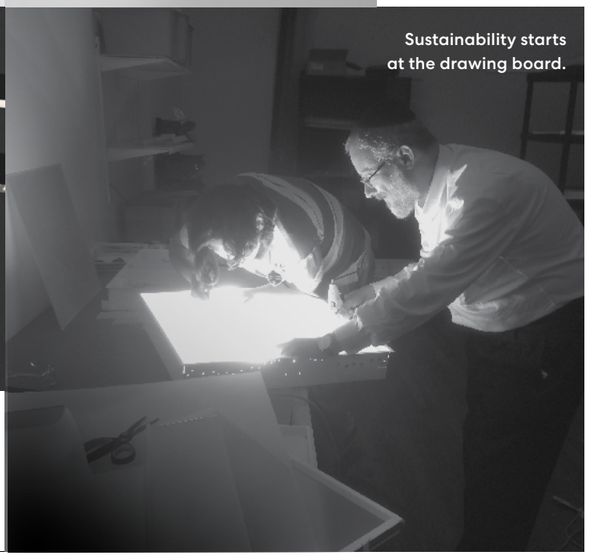
The **Via Collection** features green aluminum crafted with renewable energy.

Sustainability isn't a feature. It's part of our foundation.

Aera Collection
is a versatile point-source line, packed with options, advanced technologies, and both Energy Star and Declare Label certifications.

Curvia Collection
contains a minimum of 50% recycled content and is certified with a Declare Label.





Our Greenwerx Initiative

GREENWERX LABEL

At Lumenwerx, sustainability is at the very foundation of our Greenwerx Initiative, ensuring we prioritize eco-friendly practices throughout our operations, from product design to manufacturing.

We are committed to reducing our environmental footprint by utilizing energy-efficient materials, minimizing waste, leading upcycling projects, and using 100% renewable energy sources.

Our luminaires are environmentally responsible, meeting Red List Free or Red List Declared standards, with multiple Declare Labels published for transparency. Our products also conform to LEED and WELL Building Standard certification program requirements.

By integrating sustainability into every aspect of our business, we strive to create a brighter future for generations to come.

Product Design & Innovations

Supply Chain & Product Composition

Manufacturing & Clean Energy

Product Maintenance & End-Of-Life

Our Corporate Responsibility

Lumenwerx is a corporate member of the International Living Future Institute (ILFI) and is part of the LCA (Life Cycle Assessment) Incubator of the Green Light Alliance. These organizations are devoted to establishing deep green sustainability in the construction and lighting industry, which perfectly resonates with our company's core values and objectives.

Our next aim is to publish our contribution to the United Nations' 17 Sustainable Development Goals (UN SDGs) and continue advancing our efforts to reduce emissions while transparently reporting our progress toward Net Zero.

Curvia Seal Collection, IP65

Our Commitment to High Standards

At Lumenwerx, we design with people and the planet in mind—prioritizing human-centric lighting, material transparency, and the reduction of hazardous substances.

Our luminaires are engineered to meet or exceed the requirements of leading green building standards and product certifications. This commitment to responsible manufacturing is reflected in a growing list of recognized labels, including Declare, ENERGY STAR®, JA8 Title 24, and alignment with LEED, the WELL Building Standard, and the Living Building Challenge (LBC).

All electronic components used in our luminaires—including drivers, LEDs, and LED boards—are RoHS compliant, reflecting our dedication to safe, high-quality, and environmentally responsible lighting solutions.

We continue to publish Declare Labels across our product families, with submissions underway on a rolling basis.

Declare

COMPLIANT WITH JA8 TITLE 24

ENERGY STAR

RoHS COMPLIANT

INTERNATIONAL WELL BUILDING INSTITUTE™

U.S. GREEN BUILDING COUNCIL LEED USGBC

LIVING BUILDING CHALLENGE

EPD®
THE INTERNATIONAL EPD® SYSTEM

Sustainability with Circular Design

The **Greenwerx Initiative** structures our environmental strategy around **four key pillars**, each grounded in the principles of circular design—**minimizing waste, extending product life, enabling repair and reuse, and reducing environmental impact across the entire life cycle.** These pillars are:

1- PRODUCT DESIGN & INNOVATION

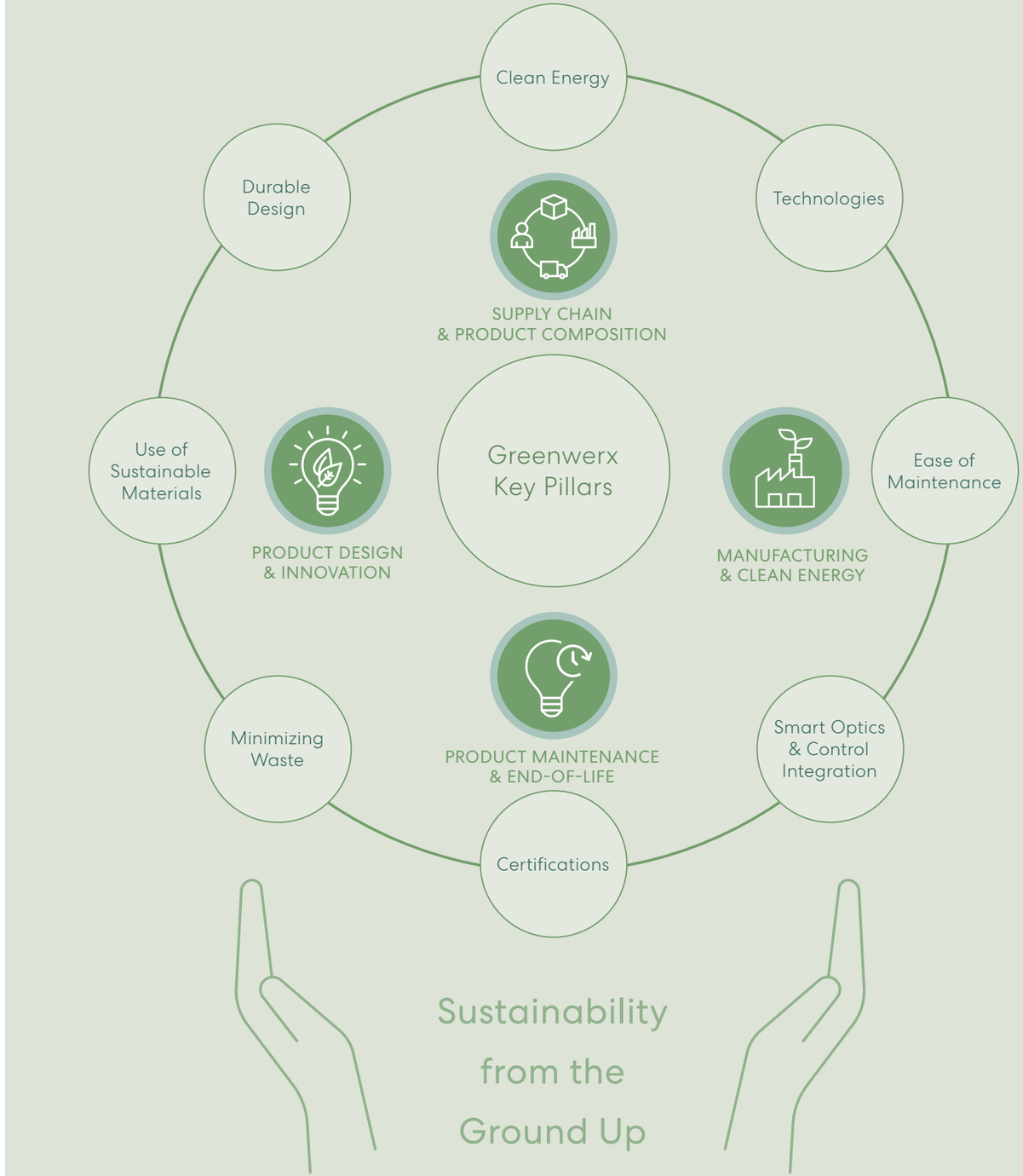
2- SUPPLY CHAIN & PRODUCT COMPOSITION

3- MANUFACTURING & CLEAN ENERGY

4- PRODUCT MAINTENANCE & END-OF-LIFE

From initial design to end-of-life, we engineer lighting solutions with the future in mind—prioritizing durability, material health, energy efficiency, and serviceability at every step.

Ecana Collection, Declare Label Certified

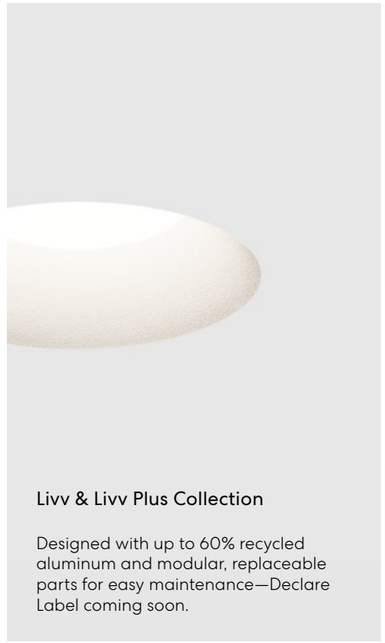


Product Design & Innovation

We create luminaires for longevity, flexibility, and performance. Designed to be durable, modular, and serviceable, our products use recycled and recyclable materials, with replaceable LED boards and driver options.

For Declare Red List Free projects, we offer modified luminaires featuring PVC-free wire casing and alternative materials where needed.

We lead in light quality, glare control, and integration with advanced controls, ensuring our innovations are both human-centric and resource-conscious.



Livv & Livv Plus Collection

Designed with up to 60% recycled aluminum and modular, replaceable parts for easy maintenance—Declare Label coming soon.

Ubik Collection

Low-glare design with UGR as low as 6 and efficacy up to 145 lm/W, with Declare Label certification.

Aera Collection

Modular, replaceable parts that support easy maintenance and long-term use, with Declare Label, California Title 24 JA8 and ENERGY STAR® certification.

ECO-CONSCIOUS PRODUCT DESIGN

Durability
- Products engineered to withstand time and use
- Long-lasting, high-performance components

Maintainability
- Field-serviceable luminaires
- Designed for easy access and reduced maintenance

R&D of New Technologies
- Innovation in optics, controls, and thermal performance
- Focus on sustainable materials and circular design

Use of Recycled and Recyclable Materials
- Includes recycled aluminum and plastics

Designed to Minimize Environmental Impact
- Engineered with the entire product lifecycle in mind, from concept to end of life

QUALITY OF LIGHT

Human Centric Lighting
- Full Spectrum LED
- Bios LED
- Tunable White Solution

Complete Light Engine Flexibility
- Custom solutions available

Glare Control
- UGR as low as 1
- WELL Building UGR compliant

Innovative Optic Designs

Patented Technologies

PERFORMANCE & CONTROL OPTIONS

High-performance Efficacy
- Across all luminaire types, ensuring optimal light output and energy savings

Thermal Management Innovations
- For sustained performance and extended component lifespan

Compatibility and Integration
- With 10+ control platforms, including Lutron, nLight, Casambi and more

A multitude of Control Options for Intelligent building requirements
- Including 0-10V, DALI-2, PoE, Bluetooth, and wireless systems

CERTIFICATIONS & RATINGS

- ETL
- Declare Label
- Energy Star
- California Title 24 JA8
- RoHS Compliant

Supply Chain & Product Composition

We take a rigorous, transparent approach to sourcing and material selection. From suppliers to components, every aspect of our process is evaluated for sustainability, safety, and compliance with the highest industry standards. Our products support green building certifications and contribute to healthier, lower-impact environments.

SUSTAINABLE SUPPLY CHAIN

Material Sourcing
- Every element of our supply chain is evaluated for environmental impact, from pre- to post-production.
- Ongoing assessment of suppliers' commitment to sustainable practices.
- Priority given to partners who align with our environmental and ethical sourcing standards.

Use of Certified and Recyclable Materials
- Aluminum with 50%+ recycled content, produced using low-carbon, hydroelectric energy—the most sustainable options available today.
- Recycled plastics integrated across components and packaging to minimize environmental impact and material waste.
- The Acoutix Collection uses acoustic felt made from recycled PET bottles—zero VOC, flame-retardant, and inherently sustainable.
- Packaging uses FSC-certified cardboard and recycled content.

PRODUCTS ARE FREE OF TOXIC OR HAZARDOUS MATERIALS

Red List Compliance
- Components vetted for chemical content
- 18 product families carry Red List Approved Declare Labels.
- Modified products available for Declare Red List Free status.

RoHS & Material Health
- All drivers, LEDs, and boards are RoHS compliant.

RECYCLING PROGRAM

Minimizing Waste
- Metals, Papers, Plastics, and Electrical Components are recycled in the factory and office spaces.

Acoustix Collection

With 20+ product family members, the Acoutix Collection features acoustic felt made from recycled PET—zero VOC, flame retardant, and available in over 30 curated colorways. Image featuring Folia.

Manufacturing & Clean Energy

Our manufacturing approach is powered by renewable energy and guided by efficiency, waste reduction, and regional accountability. From energy use to packaging, every aspect is designed to lower our environmental footprint while ensuring quality and consistency.

RENEWABLE ENERGY

Headquarters (Office and Factory)
- 100% powered by clean hydroelectric energy
- Operations run entirely on renewable sources to reduce carbon emissions

NORTH AMERICAN PRODUCTION

- Designed, manufactured, assembled in North America
- North American production supports faster lead times and reduced transportation impact
- Dedicated regional support

SUSTAINABLE PACKAGING

- All cardboard is FSC-certified
- We limit the use of plastics to essential applications only, using recycled content exclusively

WASTE REDUCTION

- In-house program reduces waste across factory and office spaces
- Scrap materials from production are sorted and recycled to minimize landfill use

Product Maintenance & End-of-life

Via Collection
- Declare Label Certified
- Via Seal rated up to IP66 and IK08

Product Maintenance

Our products are designed to be field-serviceable, allowing for simple part replacement without removing or discarding the entire fixture. This approach not only reduces material waste but also lowers maintenance costs and supports ongoing lighting system upgrades—ideal for evolving building needs. This includes:

- Driver replacement
- LED board replacement
- Other modular components

End-of-Life Program (Launching 2025)

In 2025, we will introduce a formal End-of-Life Program to help clients responsibly retire Lumenwerx products.

- Recommendations for recycling or proper disposal
- Take-Back Program

The Lumenwerx Standard

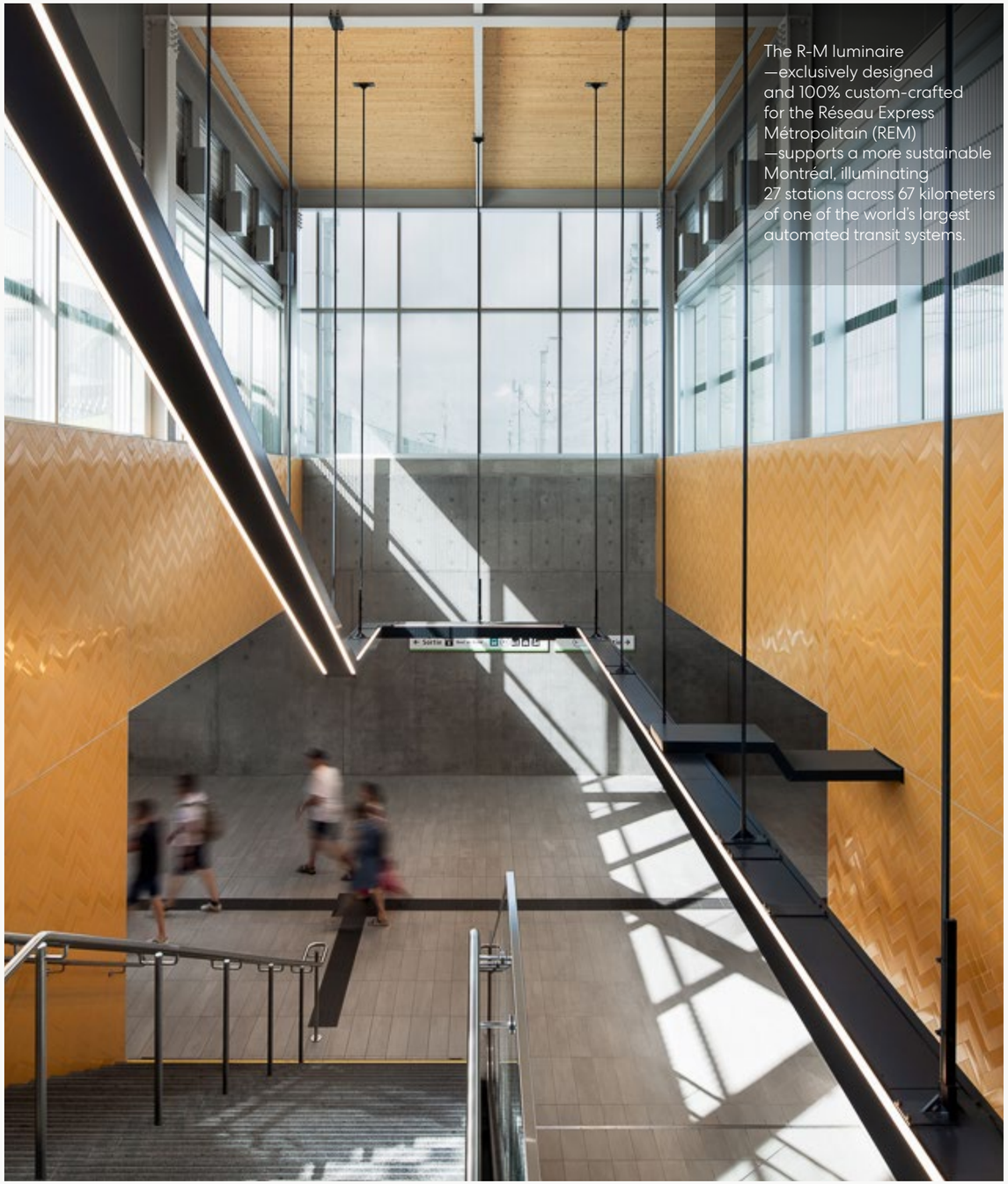
Innovative by Design
Cutting-edge architectural lighting with advanced optics, controls, modularity and unmatched customization capabilities.

Sustainability Built In
Declare-certified products, Red List-free options, and 100% renewable-powered manufacturing.

Fast & Reliable
High-capacity, North American production ensures short lead times and dependable delivery.

Local Support
Responsive, knowledgeable service—from specification to installation. Fast acting customer service with dedicated regional support.

Designed and Manufactured in North America.
End-to-end North American manufacturing with agile local support.



The R-M luminaire —exclusively designed and 100% custom-crafted for the Réseau Express Métropolitain (REM) —supports a more sustainable Montréal, illuminating 27 stations across 67 kilometers of one of the world's largest automated transit systems.

Réseau Express Métropolitain (REM)
Consortium: Lemay, Bisson Fortin and Perkins+Will

Lighting Landmarks

We are trusted by leading global institutions across tech, healthcare, education, retail, and transportation. From Google and Microsoft to Harvard and JFK International Airport, our partnerships reflect our ability to deliver lighting solutions at scale across diverse applications.

LIVING BUILDING CHALLENGE

Living Building Challenge 4.0 (LBC 4.0)

The LBC 4.0 calls for the integration of special parts to avoid Red List chemicals or comply with Red List Declared requirements. Any potentially problematic parts in Lumenwerx products—such as wire, lenses, and gaskets—containing Red List ingredients (from Red List CASRN Guide 2021-2) are readily replaced to comply with LBC 4.0. Over 80% of Lumenwerx products are Red List Free, while another 15% are Red List Declared.

LBC 4.0 deems acceptable both Red List Free and Red List Declared products. For cases in which the use of a certain product containing Red List chemicals is unavoidable industry-wide, LBC 4.0 compliance is evaluated on an individual basis.

Upon request, we provide full product declarations and chemical breakdowns in documentation indicating LBC Red List Free or LBC Red List Declared status, in accordance with LBC 4.0.

Malhum
Portland Oregon

LIVING BUILDING CHALLENGE

Lumenwerx meets LBC requirements

This project was driven by the eco-conscious and human-centric Living Building Challenge (LBC) certification program. In this project, we enjoyed an effortless collaboration with the tenant, architect, and lighting designer to fulfill the requirements for LBC certification. We successfully vetted and procured environmentally sustainable parts to replace the traditional ones containing materials deemed non-compliant on the LBC-prescribed Red List.

VIA 2
Malhum
Portland Oregon

INTERNATIONAL WELL BUILDING INSTITUTE™

WELL Standard V2

Lumenwerx can help designers and architects meet the requirements listed in WELL Standard V2, which addresses the impact of interior lighting on human wellness. Features covered include circadian lighting, glare control, and electric light quality. These solutions are dependent upon the lighting design and products selected.

CIRCADIAN LIGHTING

The standard for circadian lighting addressed in Feature L03 of WELL Standard V2 can be met by our fixtures using Bios LED, Full Spectrum, or ChromaWerx DUO, our tunable white color rendering system.

GLARE CONTROL

Lumenwerx luminaires have been tested and verified based on the glare control requirements outlined in Feature L04 of WELL Standard V2. Over 90% of our luminaires qualify on one of the following four categories accepted by WELL:

1. 100% indirect luminaires
2. Luminaires below 16 foot AFF or 5m with a UGR of 16 or lower
3. Luminaires above 16 foot AFF or 5m with a UGR of 22 or lower
4. Fixtures with a luminance of less than 7,000 cd/m2, or 1,000 candela, between 45 degrees and 90 degrees from nadir

ELECTRIC LIGHT QUALITY

Lumenwerx takes into account the characteristics of electric light to be used. Lumenwerx can assist you in meeting the color rendering and flicker management requirements described in Feature L08 of Well Standard V2. Lumenwerx luminaires meet this criteria with all listed driver options when 90 CRI or bios LED is selected.

Leadership in Energy & Environmental Design (LEED)

The Leadership in Energy and Environmental Design (LEED) certification program was created by the United States Green Building Council (USGBC) as a means to designing healthier, environmentally friendlier, and more efficient buildings, homes, and neighborhoods. Projects go through a verification and review process and are awarded points that correspond to four levels of LEED certification: Certified, Silver, Gold, and Platinum. Using energy efficient and sustainable LED products from Lumenwerx can improve a building's score with regard to earning credits towards LEED certification status.

There are four main categories specific to luminaires:

1. Pre- and Post-production recycled content
2. Light trespass from the building and the property line
3. Glare and glare rating on fixtures with a luminance of less than 7,000 cd/m2, or 1,000 candela, between 45 degrees and 90 degrees from nadir
4. Red List-free or minimal Red List ingredients

Project Inspiration:
Selected Works

Lumenwerx

ALWAYS LIGHT
RIGHT

lumenwerx.com
R.01.2026