

LUMENWERX  
Committed to Sustainability



LIVING  
BUILDING  
CHALLENGE™



LEED  
LEADERSHIP IN ENERGY & ENVIRONMENTAL DESIGN



# LUMENWERX



## Our Promise

Lumenwerx prides itself in providing our customers with high quality, human-centric products free of hazardous ingredients. We are committed to sustainable development, and we do everything we can to reduce the environmental footprint of our operations and inventory. We are in the process of acquiring Declare label certification for approximately 80% of our offering, and we are a current International Living Future Institute (ILFI) Corporate Member of the Living Future global community, which is devoted to transforming the building industry through the holistic lens of climate, health, and equity.





## Living Building Challenge 4.0 (LBC 4.0)

The LBC 4.0 calls for the integration of special parts to avoid the use of Red List chemicals or to conform to 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 to 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 declaration and chemical breakdown in a document indicating LBC Red List Free or LBC Red List Declared status in accordance with LBC 4.0.





## 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/m<sup>2</sup>, 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.





# LEED

LEADERSHIP IN ENERGY & ENVIRONMENTAL DESIGN



## 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/m<sup>2</sup>, or 1,000 candela, between 45 degrees and 90 degrees from nadir
4. Red List-free or minimal Red List ingredients



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