

THE FIRST LBC COMPLIANT LIGHTING

WHAT IS THE LIVING BUILDING CHALLENGE?

The Living Building Challenge (LBC) is a sustainable building certification program with an underlying commitment to positively impact the built environment with ecologically sound standards.

Declare.

LightArt LA2 Lighting Fixtures with PVC-Free Cable 3form

Final Assembly: Seattle, WA, USA
Life Expectancy: 5+ Years
End of Life Options: Salvageable/Reusable In Its Entirety
Ingredients:

Diffuser: Polymethyl Methacrylate;
Translucent Panel: Polyethylene Terephthalate Glycol; Electronics: Electronical Components*;
Electrical Wiring: Tin, Copper, Polyethylene, Tissue Separator (Cellulose), Polyurethane; Wiring Jacket: Polyethylene Terephthalate;
Optional Cable Screen: Polyethylene Terephthalate;
Housing/Structure: Aluminum; Suspension Cable And Canopy: Steel; Hardware: Nylon, Steel;
Adhesive: 2-Propenoic Acid-2-Cyano-Ethyl Ester; Magnet: Iron, Neodymium, Nickel, Copper, Boron;
Powder Coating: Titanium Dioxide, Barium Sulphate, Aluminum Hydroxide, Aluminum Powder, Mica 2-Ethyl-N,N-bis(2-Ethylhexyl)Hexylamine, Proprietary (0.07%)**

*LBC Temp Exception I10-E2 Small Electrical Components
 **LBC Temp Exception I10-E4 Proprietary Ingredients <1%

Living Building Challenge Criteria:

LTA-0002 EXP. 11/01/2016
 VOC Content: N/A VOC Emissions: N/A

Declaration Status
 LBC Red List Free
 LBC Compliant
 Declared

MANUFACTURER RESPONSIBLE FOR LABEL ACCURACY
 INTERNATIONAL LIVING FUTURE INSTITUTE™ declareproducts.com

WHAT IS DECLARE?

Declare is a commitment to materials transparency. Essentially, it is a nutrition label for architectural and consumer products. More importantly, it is valuable to our clients pursuing Living Building Challenge (LBC), LEED v4, and other green building standards.

READING THE LABEL

PRODUCT INFORMATION

We're proud to say that our LA2 products are the first light fixtures to earn LBC Compliant status. Our products are designed and built in Seattle, and are able to be completely recycled, reused, or salvaged when our clients are finished with them.

INGREDIENTS

Through supply chain innovation, we removed PVC and TGIC to LBC Compliant standards.

We are committed to materials transparency and to continually optimizing the human health and environmental attributes of our products. Through progressive supply chain management and innovative designs, we strive for the highest possible standard.

THREE LEVELS

3. LBC Red List Free -The highest level possible shows that a product's ingredients are 100% disclosed and contain zero "Red List" ingredients, without exception. We are currently working toward achieving this coveted status.

2. LBC Compliant - Products with at least 99% of their ingredients disclosed, but may contain 'Red List' ingredients that fall under an existing, published LBC Exception. Temporary Exceptions may be granted for small portions of electrical or mechanical components and proprietary ingredients.

1. Declared - This label discloses 100% of ingredients, and highlights 'Red List' ingredients not covered by an Exception.

LIGHTART AND DECLARE

LightArt continually seeks to increase the environmental responsibility and human health attributes of our products. As just one example of this commitment, we have pursued and obtained Declare labels for our LA2 light fixtures. We're proud to say that our LA2 fixtures with PVC-free cable are the first light fixtures to earn LBC Compliant status.

HOW WE GOT THERE

LightArt's first pass at Declare revealed that our fixtures contained powder coated parts with a chemical binder called Triglycidyl Isocyanurate (TGIC) and a Polyvinyl Chloride (PVC) jacket on the power cords – both of which have known or suspected hazards, and are listed as chemicals of concern. We knew we could do better.

To provide our customers with a new standard of quality, we diligently sought TGIC-free powder coat and PVC-free power cords. Making these adjustments in our supply chain allowed us to achieve LBC Compliant status – the first light fixtures to ever do so.



Our first LBC compliant installation

MOVING FORWARD

Complex electronic assemblies* (like LED power supplies) contain many small parts from sources currently outside our control. For these and the <1% of proprietary ingredients, we were granted temporary Exceptions in alignment with LBC. Products with Exceptions are not capable of achieving Red List Free classification. However, LightArt is working hard to attain this coveted status.

We are constantly monitoring the latest developments in sustainable products and are ready to make the next leap forward as soon as more responsibly produced components are discovered.



*Excepted components comply with RoHS directives.

QUESTIONS? WE'RE HERE TO HELP!

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