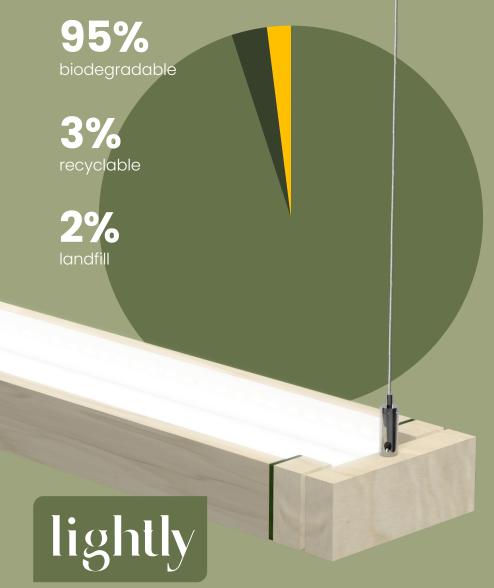
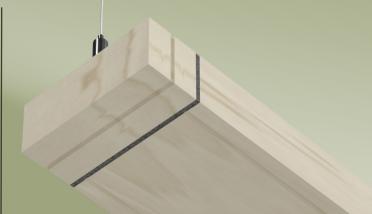
Low-Carbon Biodegradable Luminaire



The Lightly Glow Luminaire is an ambient luminaire made primarily of low-carbon biodegradable materials. By replacing aluminum, steel, and plastic with local Tulip Poplar, we have achieved a reduction in embodied carbon by more than 50%. PET felt has been replaced with 100% wool felt, which is biodegradable, fire resistant, and naturally antimicrobial. The luminaire is certified by the International Living Future Institute as Red List Free.

The performance of the luminaire is unmatched, with an overall **system efficacy which is more than 50%** that of traditional metal and plastic fixtures. By using multiple colors of LEDs, the color-rendering capabilities are near-perfect.

The most innovative and critical feature of the lightly products is the **commercial viability**. In order to transform the market, sustainable and high-performance products must also be **cost-effective**, **scalable**, **and address a large market**. The lightly fixture **costs the same as existing metal mid-tier linear fixtures on the market**.





Sustainable Materials

- Local US Grown Timber
- Biodegradable Wool Felts
- Gelatin Glue



Unmatched Performance

- 170 lm/w+
- CRI 98
- Zero Flicker



Innovative Design

- Addresses Large Market
- Cost-Effective
- Scalable