



## Low-Carbon Biodegradable Luminaire

Lightly has revolutionized the architectural lighting industry with its innovative family of low-carbon biodegradable luminaires. Our groundbreaking approach lies in the materials used to construct our luminaires, setting new standards for sustainability and performance.

One of our key innovations is the utilization of locally sourced, US-grown materials, specifically Poplar, which significantly reduces our carbon footprint compared to traditional metal and plastic luminaires. By using wood, we've achieved a carbon footprint that is less than half that of conventional luminaires. The luminaires are designed for disassembly and are 95% biodegradable. We employ highly reflective bio-based paint that is non-toxic to the extent that it is safe for consumption. The entire luminaire and power system have received the esteemed Red List Free certification from the International Living Future Institute, affirming that no harsh or toxic chemicals are employed during production. Additionally, our luminaires have undergone a comprehensive Life Cycle Analysis, resulting in the creation of an Environmental Product Declaration which has been verified by ASTM.

Our fixtures are engineered to deliver exceptional performance, boasting efficacy levels of up to 200 lm/w and offering a wide range of beam spreads and mounting options to cater to various applications. With meticulously designed in-house LED engines, we not only meet but exceed all the requirements of the prestigious L-prize.

We offer a versatile range of form-factors and features tailored for general ambient lighting applications, including integration with acoustical panels and continuous runs. Rigorous testing has confirmed the dimensional stability and reliability of our products, even in demanding environments.

Lightly luminaires represent an ideal alternative to traditional lighting solutions, eliminating the need for performance or cost tradeoffs. Notably, our products excel at incorporating organic design elements into any space. Our primary target market is the architectural lighting sector, and our luminaires have already gained traction in offices, schools, institutions, and various other applications where ambient lighting is essential.

At Lightly, we are proud to lead the way in sustainable lighting solutions, offering high-performance luminaires that harmoniously blend form and function while minimizing environmental impact.

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