atelje Lyktan



SUPERDUPERTUBE

Design by Snøhetta

From hemp to lamp

More than just an evolution of our classic luminaire, the Supertube, the Superdupertube represents our commitment to sustainability and material exploration. Just as the Supertube in the 1970s was groundbreaking for its time, the Superdupertube is a tool for navigating towards a circular economy.

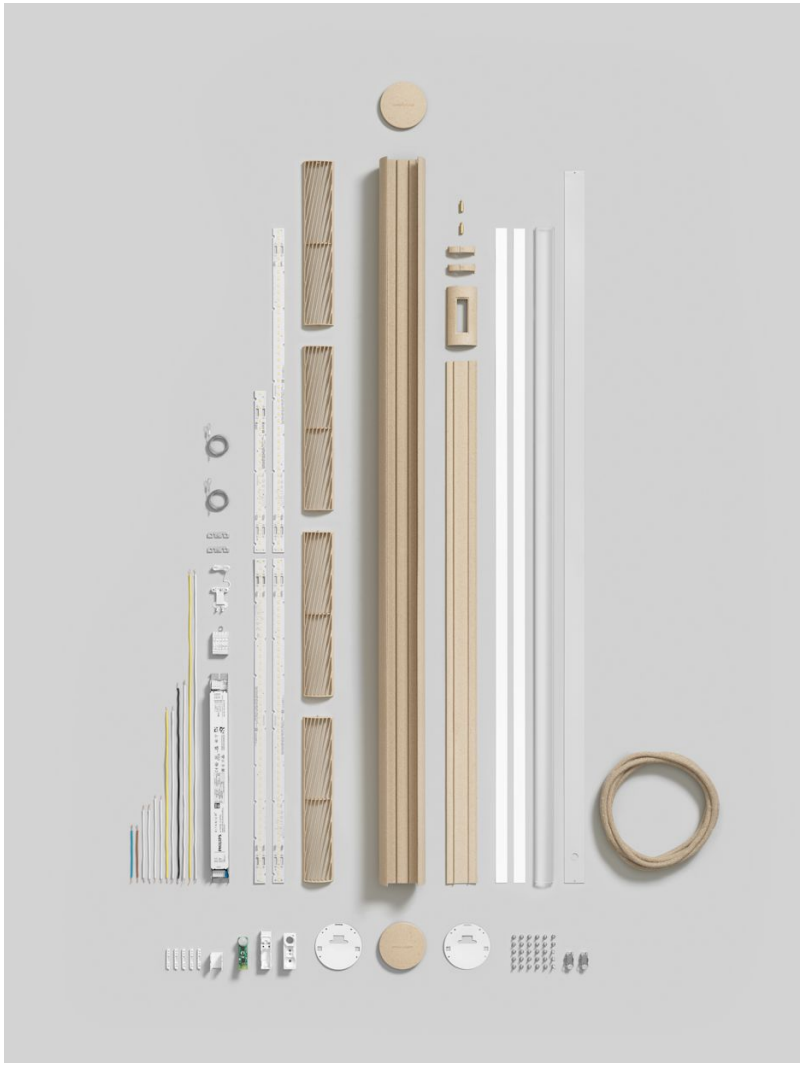
Together with Snøhetta, we have refined every aspect of the product - from design to manufacturing - to minimize its environmental footprint. We have carefully considered every step in the lifecycle, from raw materials to recycling. The Superdupertube is not just a product; it is a statement of our commitment to sustainability and responsibility.







Natural



Technical specifications

Material	Frame, end caps and louvre in bio-based polymer consisting of hemp fibre, wood cellulose, PLA from sugar cane and lime (the mineral lime is not defined as bio). The hemp fibre gives the material its strength and durability. The material is compostable. When incinerated, there is no net emission of carbon dioxide. Gasket to prevent light leakage in cardboard. Wire locks in untreated brass. Suspension in painted metal. Cable cover in natural coloured pure linen. Diffusors in acrylic glass.
Installation	Supported from wire with 1.5 m wire with friction lock. Suspension system adjustable vertically and diagonally. Two suspensions supplied with luminaire length 1143-1708 mm, three suspensions supplied with luminaire length 2373 mm.
Connection	Supplied with 3 m halogen-free cable with plug (3G0.75 mm²) or flying leads (2x0,75mm² Organic response and Pulldim, 4x0.75 mm² for DALI). Optional quick connector is selected in configurator.
Light source	Including LED light source, colour temperature 3000K or 4000K. Colour rendering CRI min. 90 or 80. Lifespan with CLO: L100 50 000 or L100 100 000H.
Energy classification	This product contains a light source of following energy efficiency class Light source with CRI and CT 830/840/940 - Class C Light source with CRI and CT 930 - Class D
Driver	Equipped with LED driver that regulates the light with amplitude modulation creating a flicker-free light. Dimming 1-100%. The luminaire is equipped with 2 ballasts/2 DALI addresses. The luminaire is delivered as standard with pre-programmed Constant Lumen Output (see ´CLO Information´ under downloads for more information) . It is also possible to get a `smart´ driver that collects data regarding energy consumption and performance if you choose the intelligent lighting control solution Organic Response. Choice in configurator.
Other	The Superdupertube comes in a colour created by the natural and bio-based content of the material. For this reason, variations in tone may occur in the material. For colouring, an addition of non-bio-based polymer is currently required which prevents composting of the material and increased climate footprint. Therefore we do not offer this option.
EPD	The EPD gets you a clear picture of the luminaire's total environmental impact. You can find the document under downloads, or visit the EPD hub website to find all our EPD:s - Read the EPD





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