

Triple Bottom Line to showcase new sustainable lighting 'ALVIS' at Scandinavia's largest international furniture fair

Triple Bottom Line (Head office: Suginami-ku, Tokyo; Representative: Satoshi Yanagisawa), a design studio specialising in industrial design with a focus on generative design, will exhibit its new sustainable lighting product ALVIS at the Stockholm Furniture Fair 2023, which will be held from 7 February 2023 as part of Stockholm Design Week.



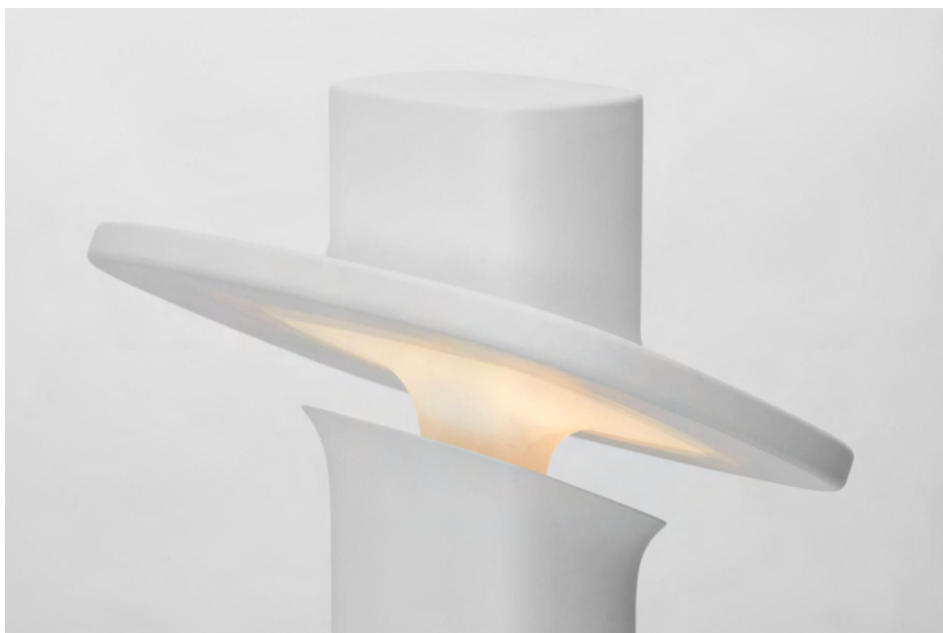
The Stockholm International Furniture Fair is the largest international furniture fair in Scandinavia, held every February in Sweden, focusing on interior products for the home and public spaces. Triple Bottom Line will have a stand as an invited designer in the "Green House" area, where only 32 designers from all over the world have been curated to exhibit and showcase their new lighting products.

●ALVIS is a lighting concept that asks what "brightness" really means.

ALVIS is a lighting system composed of the minimal elements of "brightness" itself, reflecting Triple Bottom Line's latest research into sustainability. Design is a process of visualisation that gives physical appearance to an ambiguous concept and questions the significance of its existence. ALVIS is a design that asks the question: what is 'brightness'?



We believe that the design of "brightness" is not embodied in the latest lighting technology or the difficulty of manufacturing diffusing materials, but rather in the poetic experience achieved by communicating between light and those around it.



Launched at this time, the Alvis is manufactured using a laser-sintering process that uses more than 70% recycled nylon powder. This eliminates wasted material and reduces weight by more than 60% compared to conventional materials such as metals and ceramics.

Due to the material properties of nylon is a resin, it cannot be used as it is for lighting fixture housings, which have strict thermal requirements.

So we focused on traditional materials such as plaster and diatomaceous earth, which have been used for many years as fire and heat resistant materials in conventional architecture, and developed a method of applying them to the surface of the resin.

[Exhibit information]

Dates: 7-11 February 2023 (local time)

Venue: Stockholm, Sweden

Place of exhibition: Green House - C05:48

Website: <https://www.stockholmfurniturefair.se/>

●What lighting does Triple Bottom Line create?

Triple Bottom Line previously presented EAU and Botanical Drip at Spazio Rossana Orlandi during Milan Design Week as part of the Trans-Nature project, which is inspired by 'nature' and expresses various elements of the natural world through forms. The project is inspired by 'nature' and expresses various features of the natural world as design.

The company has also taken on the challenge of creating a range of lighting products, such as the 'Tranquillum' at the Singapore International Furniture Fair 'Design Star', for which only 10 Asian designers were curated.

Each piece reflects a story of light and shadow through the calculated design of the company's representative, Satoshi Yanagisawa.



[EAU](#)



[Botanical Drip](#)



[Tranquillum](#)

About the design studio Triple Bottom Line

Industrial designer Satoshi Yanagisawa, who has worked for the UK design studios Therefore Design Consultancy and Ross Lovegrove Studio, began working under the name Triple Bottom Line in 2014. 2020. He established own Limited Liability Company (LLC).

He has been working with companies and research institutes on product production and research and development using generative design that utilises AI. In recent years, he has also been working with Autodesk Inc. to spread the use of generative design.

In addition to winning a Good Design Award for a product using AI in a joint development with Denso Corporation, the company has received numerous national and international design awards, including the CES Innovation Award, the iF Design Award and the Good Design Award.

<http://triplebottomline.cc/>