



# Luxous

**Introducing the product family for energy  
saving with maximum light transmission**





# Luxous

Energy saving with maximum light transmission

# The brightest energy saver

Luxous is the name given to our most transparent energy screens. After setting a benchmark in the 80s when first introduced, they continue to get better and better at letting light reach the crop while saving energy and improving the climate in the greenhouse. Their translucent strips and closed structure are effective when in use, but also when not in use – as bundle sizes are unusually small.

Luxous is also useful for slowing down radiated heat loss at the end of the day and at night – reducing the risk of condensation on plants.

## **Where and when you can expect to find Luxous**

Helping to save energy while still transmitting precious daylight, Luxous is typically found in production intensive operations with heating systems. It's often used as part of a multi-screen solution together with a shading screen or – increasingly – with a second Luxous screen for even better climate control.



*“Thanks to Luxous  
I can save energy  
120 hours a week”*



 **Luxous**  
XXXX

Every Svensson screen is identified with four digits – the first two express its shading level, the second two its energy saving value.

You'll find detailed information about all the screens on our website.





## **The benefits of Luxous**

- Energy savings with maximized production thanks to the highest light transmission.
- Less risk of damage to plants as condensation forming on the screen at night is better absorbed.
- Maximum light transmission even when not in use thanks to the smallest bundle sizes.

## **What else you can expect from a Svensson climate screen**

- A long service life – thanks to their resistance to harsh temperatures, Ultraviolet light and the chemicals often used inside greenhouses.
- Small bundle sizes – thanks to our unique knitting techniques. This means that sliding screens from Svensson are easy to handle and don't block out as much light when you fold them away.
- Favorable humidity control – this means that condensation is less likely to form on the underside of an indoor screen and less likely to drop on your plants. So fungal diseases are less of a problem.
- A variety of flame retardancy levels – many of these meet the industry's highest fire safety standards.

## **Take advantage of our experience**

With experience in varied and extreme climates worldwide, it's hard to find people who know more about selecting the right climate screen than we do. There are a number of ways you can take advantage of our experience. Find out more about them by visiting us online – where you'll also discover our Screen Finder.

# Five ways to a better climate

Luxous is one of five climate screen families from Svensson. To explore our products and services for improving growing climates, please visit our website: [www.ludvigsvensson.com](http://www.ludvigsvensson.com)



## Harmony

### High grade light diffusion

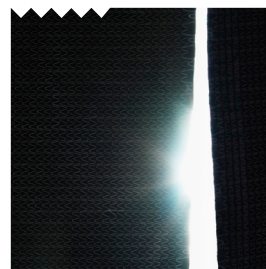
Healthier plants and accelerated production – this is the result of Harmony's gentle approach to managing sunlight. Its white strips scatter sunlight most effectively.



## Luxous

### Energy saving with maximum light transmission

Reduce your heating costs and better manage humidity with Luxous; our most transparent screens that let the light in even when they're not in use as the bundle size is very small.



## Obscura

### From light restriction to total blackout

For greater productivity and control over day-length sensitive plants, Obscura is the answer. And when used to keep supplemental lighting inside the greenhouse, it increases production.



## Solaro

### Ultimate solar protection

Solaro has an open structure which, together with its reflective strips, makes it the ultimate shading screen. Ideal for greenhouses with roof ventilation – and for use externally.



## Tempa

### Dual thermal control

This is the screen that saves the most energy at night, but also doubles as a shading and cooling screen by day. Tempa combines aluminium strips and a closed structure.