



Five ways to a better climate

Obscura 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

2014.01 www.responryck.se



Introducing the product family for light restriction or total blackout



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.





From light restriction to total blackout

Precious sleep for plants – or neighbors

The double layered Obscura screen has been giving plants a good night's rest for over 20 years. It does this by providing total blackout from daylight – up to 99.9 percent. And in the last ten years, single layer Obscura has been preventing supplemental lighting from escaping greenhouses at night. This lets neighbors get a good night's sleep and complies with industry legislation.

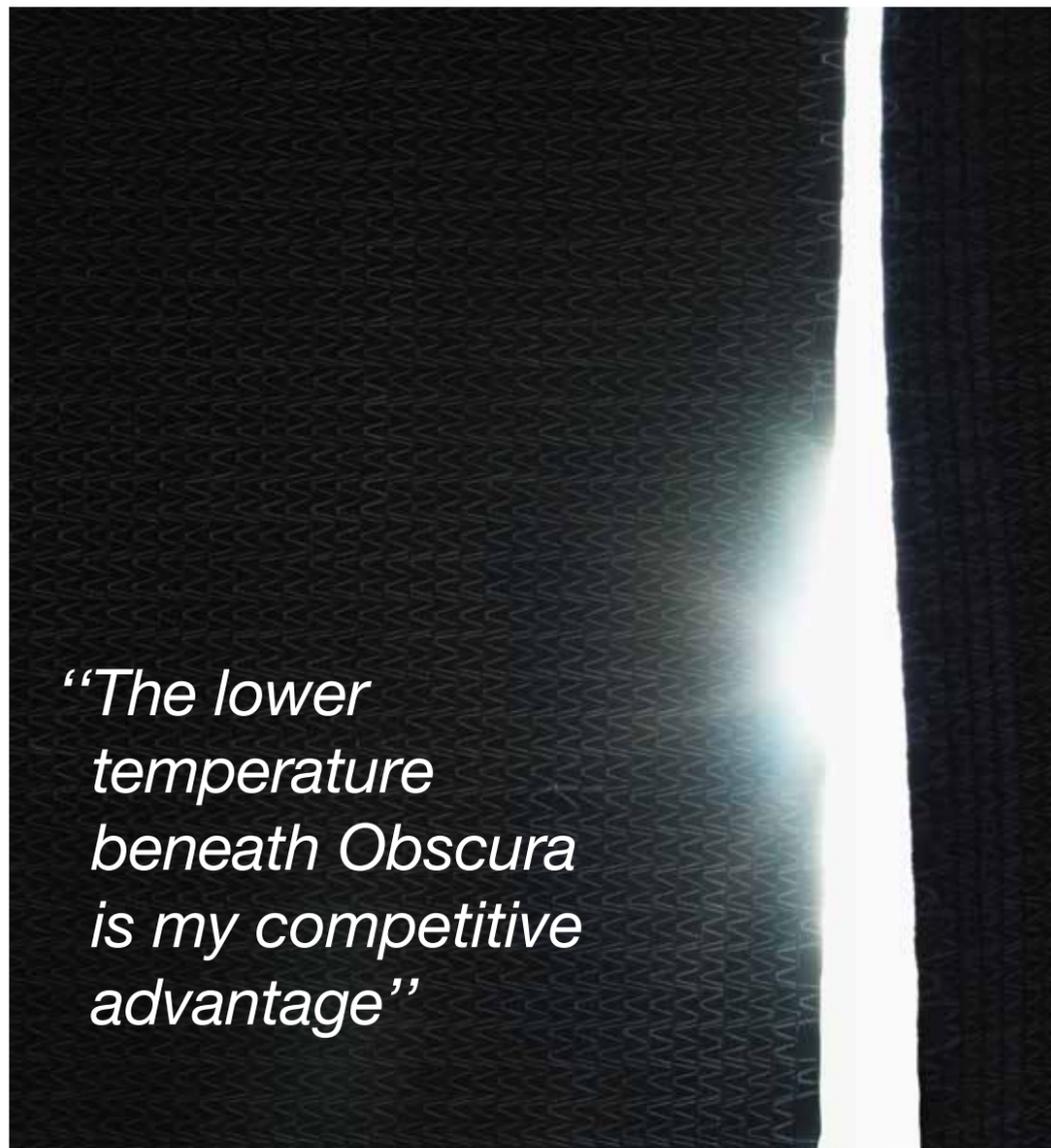
In both cases, the unique knitted structure provides good moisture managing properties.

Twice as versatile

The double layer also allows more options as the top and bottom of the screen can have different surfaces. Aluminium on the top, for example, provides the greatest energy saving at night, whereas white provides better cooling in sunny weather. White is also useful as a bottom layer for intensifying light inside the greenhouse, whereas black is better for absorbing and restricting interior light.

Where and when you can expect to find Obscura

For short-day plants, such as chrysanthemum, Obscura is ideal for delivering flowers in bloom – on time – for important market dates. Obscura is also popular where supplemental lighting is needed and night time light emission is a problem. This has now proven to be a good investment, as the intensified lighting increases productivity.



“The lower temperature beneath Obscura is my competitive advantage”



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 Obscura

- Total control over day length for the most sensitive plants.
- Effective cooling when a reflective upper surface is chosen.
- High energy saving, especially if one layer is aluminium.
- Light emission control that satisfies neighbors and legislation.
- Increased productivity when used with supplemental lighting.
- More uniformity from supplemental lighting in the growing area.
- Good moisture management.

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.