

## About the Manufacturer

Eastman Chemical Company is a leading manufacturer and marketer of high performance films for automotive and architectural applications with one of the largest and most integrated manufacturing sites in the world, located in Martinsville, Virginia.

Eastman, through its window film business creates and manufactures products that improve the efficiency and performance of glass. Eastman offers one of the industry's widest arrays of film technologies, produced in a clean-room environment to ensure optimum quality.

With more than 55 years of experience in film production and technology, Eastman is dedicated to continuously investing in machinery, technology, and employee training to remain at the forefront of the industry.

LLumar® window films are distributed to nearly 100 countries worldwide. Production capabilities include color dyeing, sputtering, metallizing, solution-coating, laminating, and slitting. To help ensure our products are of the highest quality, we inspect our films using advanced testing equipment and procedures.

Our Quality Policy states that Performance Films Europe has a quality management system which complies with, and is accredited to, ISO 9001 : 2008: Certified in Europe by SGS United Kingdom Ltd. (Société Générale de Surveillance), certificate no. GB95/5381.



**EASTMAN**



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**Helios** Solar Control Exterior Window Films

# Seamless glazing optimization



New!  
Up to 1.83m

**72"**  
roll width



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## Seamless glazing optimization

### NEW: 72" width – Expanded comprehensive protection.

With modern glazing systems becoming increasingly sophisticated, this can present a challenge for the installation of high performance window film. Frequently, films need to be applied in sections on wide windows resulting in unattractive seams and joins.

We at LLumar have found the solution to this problem, with the **introduction of a 72" (183 cm) width** version of our market leading Helios external films.

The advantages are obvious: It's easier to apply a wider width window film to most pane sizes, with no unnecessary joins, leaving a perfect finish on the glass. Installation time is shortened and waste reduced, saving both money and resources.

This extra wide film comes with all features you appreciate from the standard Helios solar control and safety ranges; Comfort, glare reduction, UV protection and many more.

**See all advantages of our extra wide Helios Sun Protection Window Film for yourself and enjoy comprehensive "widescreen" protection.**



**Helios** Solar Control Exterior Window Films

### Helios is a smart retrofit solution for glazing optimisation.

LLumar Helios films are designed for commercial and residential applications where damaging UV rays, heat and glare are problems, energy efficiency is important or for a fresh a new look. Helios exterior window films are applied to the exterior of existing glazing and are more compatible to even modern glazing systems than interior installations as it intercepts the sun's energy before it enters the building.

Exterior window film is exposed to the weather constantly. The Helios exterior coating technology is designed to protect the integrity of the film against weathering. The film is scratch-resistant, repels water (hydrophobic), repels oil (oleophobic) and has a UV protection of 99%. In addition, extensive weather testing allows us to provide significantly longer manufacturer backed warranties than our earlier generations of exterior window film technology. (Please refer to warranty documentation for specific details.)

### Why Helios Solar Control Exterior Window Films?

- **Energy savings & comfort**  
Helps reduce cooling energy consumption and improves occupant comfort with temperature control, which helps maintain productivity in warmer months\*.
- **Glare reduction**  
Excellent glare reduction makes computer and television screens easier to see.
- **UV protection**  
Window film can help reduce fading of furnishings, flooring and in-store merchandise by blocking harmful UV rays from penetrating the glass.
- **Compatibility**  
Window film is compatible with most existing low-e coatings or tinted and insulated systems.
- **Durability**  
Outstanding durability (shown by an internal 3,000 hours accelerated weathering test) that leads the industry and is proven with extensive testing, and backed by extensive manufacturer's warranty\*\*.
- **Aesthetics**  
Outstanding optical properties, from design upgrade to minimal impact on visual appearance to meet your project needs.

\* Referring to the LLumar study at the University of Padua, Italy. Benefits vary depending on building size, glazing area, geography, etc. For more information please contact your sales representative.

\*\* Please refer to warranty documentation for specific details.