

Enjoy a **different** view: Save energy in every season.



## High Efficiency **Energy Savings.**

Other window film technologies can help you save energy. But because EnerLogic's patent-pending low-e coating delivers **energy efficiency in every season**, no other film can match its annual savings. EnerLogic technology is "always on" and offers superior savings with far better clarity: Doubling the energy and carbon-emission savings of darker, more reflective films<sup>1</sup>.

Neutral Window Film  
Reflective Window Film  
Standard Low-E Film  
**LLumar EnerLogic**



Euros (€) saved per square metre of floor space

## An Upgrade that **Pays for itself.**

In fact, EnerLogic outperforms most of the alternatives in terms of payback. Because the cost to upgrade a building with EnerLogic is typically much less than the cost involved with other upgrades, your return on investment comes even faster<sup>2</sup>.

“ The **greenest** energy is the energy you never use. ”

Ray Kollar, President & General Manager Solutia Inc., Performance Films

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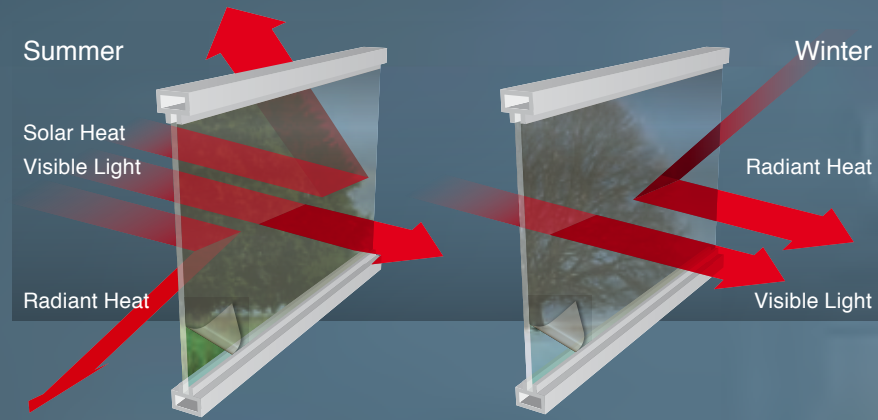


<sup>1</sup> Savings based on a typical large commercial building.  
<sup>2</sup> Includes HVAC and control-system upgrades, insulation, and air sealing. Source: LBNL Report 52320, Jan 2005, and internal studies.  
Product: LLumar EnerLogic LEP 35 SR CDF

LLumar **EnerLogic**™   
All-season Insulation Window Film Series

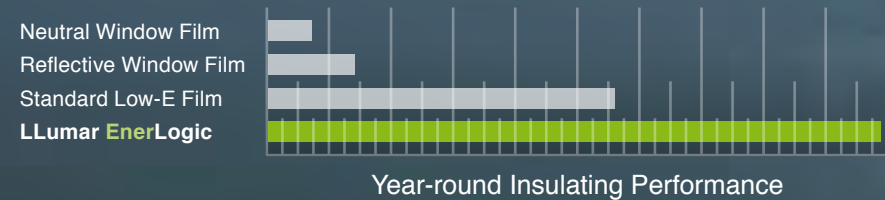
# High Performance - year-round.

EnerLogic helps to keep the summer heat out and helps to lock the heat inside in winter: The perfect balance of energy efficiency, comfort, and cost savings - all-season, year-round.



EnerLogic provides unparalleled glass-insulating capabilities - no other window film even comes close. With its patent-pending low-e technology, EnerLogic has the best insulating performance of any window film available.

Improving a window's insulating properties provides year-round energy savings. When you compare how much EnerLogic improves insulating performance to other film technologies, you clearly see that EnerLogic is in a class by itself<sup>3</sup>.



“ A **Milestone** in saving resources and costs. ”

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<sup>3</sup> Based on percentage improvement in average annual insulating properties of 6mm glass with film as compared to the same glass without film.

Product: LLumar EnerLogic Series **LEP 35 SR**  
CDF

LLumar **EnerLogic**<sup>TM</sup>  
All-season Insulation Window Film Series

## High Efficiency Performance.

-  Patent-pending, low-e coating directs solar and radiant heat back to its source for substantial energy savings.  
**Provides a perfect balance** of energy efficiency, comfort and cost savings - **all year long**.  
**Upgrades the annual insulating performance** of single and double-pane windows<sup>4</sup>.
-  **Significant improvement of working conditions** due to a high reduction in solar heat gain and glare.  
**Fully compatible** with high efficiency lighting (low iridescence).
-  **Achieves over 10% savings** on year round commercial building energy costs.  
**Excellent anti-UV protection:** Reduces fading of textiles, furniture, and works of art.  
**Scratch resistant coating:** Increased longevity & easy cleaning.  
**15 years manufacturer-backed warranty.**

## Technical Specification.<sup>7</sup>

Glass type	Single <sup>5</sup>	Double <sup>6</sup>
Solar Energy Transmission	20 %	18 %
Solar Energy Reflection	48 %	41 %
Solar Energy Absorption	32 %	41 %
Visible Light Transmission	32 %	29 %
Visible Light Reflection (External)	47 %	47 %
Visible Light Reflection (Internal)	28 %	29 %
UV Transmission	<1 %	<1 %
g Value (Coefficient of Total Energy Transmission)	0,25	0,32
Total Solar Energy Rejected	75 %	68 %
Glare Reduction	64 %	66 %
Emissivity	0,07	0,07
U-Value (EN 673 W/m <sup>2</sup> K)	3,4	2,0

Emissivity  
**0,07**

“ This featured **Benefits** are more than clear. ”

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<sup>4</sup>Based on glazing U values according to EN 673.  
<sup>5</sup>4 mm clear single glazing.  
<sup>6</sup>4/16/4 mm clear double glazing, air filled.  
<sup>7</sup>All data determined according to EN 410 and EN 673.

Product: LLumar EnerLogic Series LEP 35 SR CDF

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All-season Insulation Window Film Series