

# LEP35 SR CDF EnerLogic 35

Technical data according to EN 410 and EN 673

4 mm single

4 / 16 / 4 mm double

Corrected emissivity of uncoated glass surface

0.837

Solar Energy Transmission, $\tau_e$	22 %	19 %
Solar Energy Reflection, $\rho_e$	46 %	39 %
Solar Energy Absorption, $a_e$	32 %	41 %

Visible Light Transmission, $\tau_v$	34 %	32 %
Visible Light Reflection (External), $\rho_{Ve}$	43 %	44 %
Visible Light Reflection (Internal), $\rho_{Vi}$	25 %	26 %

Ultraviolet Transmission, $\tau_{UV}$	< 1 %
Ultraviolet Rejection	> 99 %

g value	0.26	0.33
Shading Coefficient	0.30	0.38
Total Solar Energy Rejected	74 %	67 %
Glare Reduction	61 %	64 %

U value, single glazing (W/m <sup>2</sup> .K)	3.3	-
U value, double glazing, Air filled (W/m <sup>2</sup> .K)	-	2.0

Emissivity, $\epsilon_n$	0.0376
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Thickness without liner	56 $\mu$
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Film Colour / Appearance	Neutral Gold
Installation position	Interior
Warranty	15 years**

Installation Notes: Edge sealing required if installation is within 10 km of lake, sea, ocean, etc. Special installation guidelines are available and must be followed for this product. Not for use on glazing where condensation may occur.

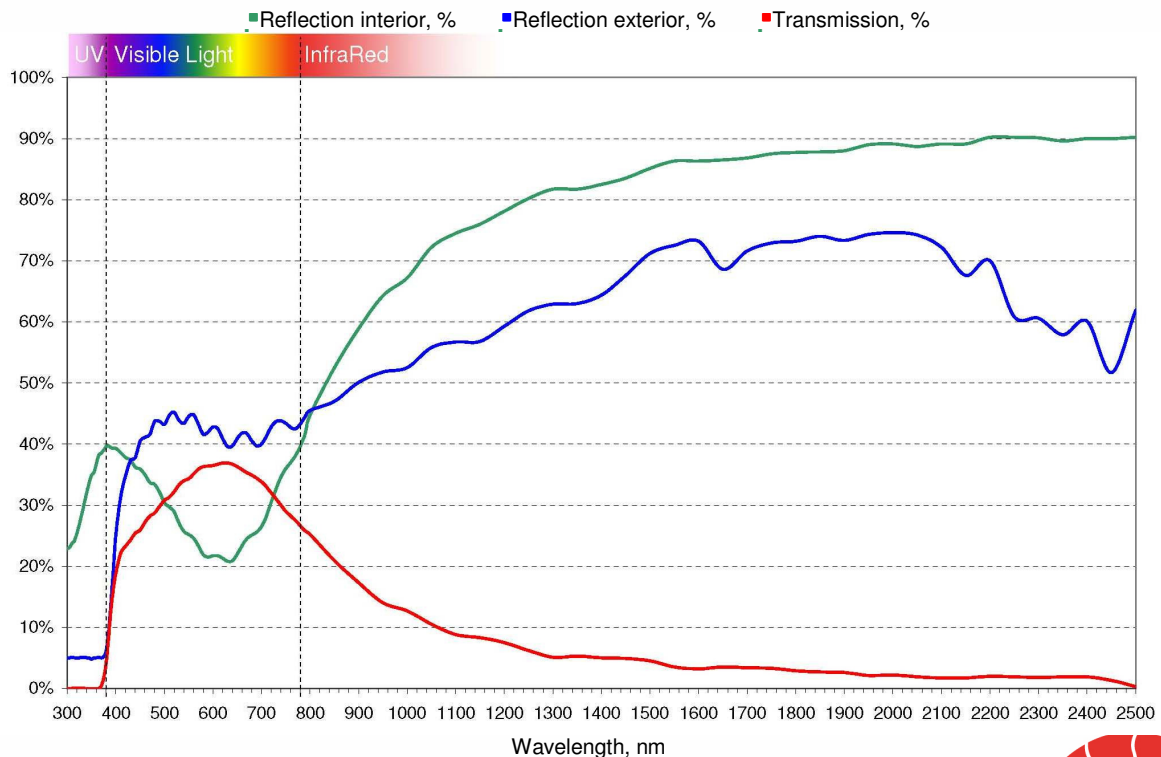
\* Please check the complete Film to Glass Thermal Stress Compatibility Guidelines **before** film installation. \*\* Contact Solutia Performance Films for full details. All values for engineering parameters are determined by the manufacturer and independent testing laboratories.

# LEP35 SR CDF EnerLogic 35

## Features & Benefits

- “Always on” technology gives year round all-season energy savings and carbon emissions reductions
- Over 10 % savings on commercial building energy costs achievable
- Patent-pending, combined super-Low E ( $\epsilon = 0,0376$ ) + solar control coating – directs solar and radiant heat back to its source for substantial energy savings; > 96 % reflection of radiant heat
- Provides a perfect balance of energy efficiency, comfort and cost savings – gives significant improvement in working conditions
- Upgrades the annual insulating performance of single pane glazing to close to double pane glazing
- Reduction in daylight glare allows less use of blinds, giving potential for additional savings in lighting costs
- Ultra-low iridescence (rainbow) makes it fully compatible with many types of lighting, including high efficiency lighting
- Spectrally selective coating allows good visible light transmission with high solar energy rejection
- Dual reflective for ‘one way mirror’ privacy
- Excellent UV protection helps to reduce fading of textiles, furniture, and works of art
- Uniquely designed scratch resistant coating gives increased longevity & easy cleaning
- 15 years manufacturer-backed warranty

## LEP35 SR CDF EnerLogic 35 Spectra



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