



## PRODUCT DATA SHEET COOL-LITE® SKN 144 II

COOL-LITE® SKN 144 II is a high-performance solar control coating that features an extremely low solar factor, allowing it to keep the maximum amount of heat out, without completely cutting off natural light.

### Benefits

In double-glazing, COOL-LITE® SKN 144 II blocks as much as 77% of incident solar radiation whilst providing the interior with 41% of natural light\*.

This translates into:

- **Energy savings** by reducing air-conditioning costs during sunny periods.
- **Increased daylight**, all year around by making wider glazing possible.
- **Aesthetic** with neutral color tint and subtle level of reflection.

\*in standard 6/12/6mm configuration, with coating on #2, according to NFRC

### Applications

COOL-LITE® SKN 144 II is ideal for offices, hotels, restaurants, schools and many other commercial buildings and can be installed in many glazing applications:

- Curtain walling
- Exterior structural sealant glazing
- Exterior bolted glass assemblies
- Cladding of external walls
- Overhead and atria glazing.

### Processing

In order to achieve its performances and aesthetics, COOL-LITE® SKN 144 II must be:

- Tempered, compatible with Heat Soak Test
- Edge deleted prior to assembling
- Assembled into an insulated glazing unit
- Positioned on the face 2 (inside the IGU)

\*Please contact us for more details

### Performance

Average performance data are based on NFRC standards for center-of-glass only in the glazing configuration 6mm | 12mm | 6mm with coating on surface #2.

	SUBSTRAT	Visible Light Transmittance (VLT%)	Solar Heat Gain Coefficient (SHGC)	Shading Coefficient (SC)	Light to Solar Gain (LSG)	External Light Reflectance LRe [%]	Internal Light Reflectance LRI [%]	Ug-Value*Winter [W/m2K]			U-Value Btu/(h.ft2.F)	
								1/2" air	1/2" air (R)	5/8" (16mm) argon	1/2" air	5/8" Argon
COOL-LITE® SKN 144 II	Planilux®	41	0.23	0.26	1.8	20	15	1.64	0.61	1.42	0.29	0.25

\*This product is also available on PLANICLEAR®, DIAMANT® and ORAE® substrates. Please contact us for more details.