Tomorrow. Today

When SONTE Film is off, the polymer dispersed liquid crystals are jumbled randomly causing light to disperse and unable to penetrate SONTE Film resulting in an opaque state.

When SONTE Film is switched on, the polymer liquid dispersed crystals align allowing light to penetrate and giving SONTE Film the transparent state.

APPLICATION

- Residential

Windows, screens, doors, **skylights**, sliding/folding doors, optical shutter, bathroom/shower enclosures, hurricane resistant window**s**...

- Commercial

Windows, **skylights**, sliding/folding doors, optical shutter, cosmetic/specialty counters/shops/**b**outiques, conference room, office & boardroom partition screen, advertising displays...

- Industrial

Skylights, doors, machinery screening...

- Hospitality

Hotel room privacy screen, bathroom & bedroom privacy protection, **sun facing** windows, doors, conference center windows & **skylights**, bar**s** & restaurant**s**, balconies...

- Healthcare

Nurseries, emergency rooms, ICUs, operating rooms...

- Education

Class room partition, white board, **projector screen**...

- Security

Entrance foyer, teller & cash counting screen**s**...

- Vehicles (Trains, Buses, Planes, Limos)

Driver privacy**/sun** protection, security screens...

- Retail & Showroom

Vanity screens, feature screens, projection windows...

- Projection

Internal high resolution **front/**rear projection screens...

SECURITY & SAFETY

- Protect occupants / interiors from the effect of harmful UV rays
- Reduce interior temperatures
- Control glare
- Decrease noise pollution from entering your house
- Provides lamination effect to your windows for added storm protection

HIGHLIGHT

- Wi-Fi connectivity
- Privacy protection
- UV/IR Protection
- High Light Transmittance
- Energy-Saving
- DIY friendly

ADVANTAGE & BENEFIT

- Instant on privacy control
- Protection from sun damage to skin
- Exceptional optical quality that reduce glare & eye strain
- Reduced fading of carpets, furniture and protects valuables
- Energy savings on cooling & lighting costs
- Ambient temperature control
- Aesthetically pleasing
- High durability
- Efficient use of space in the built up environment
- Low maintenance cost
- High contrast for use as front & rear projection screen

![SONTE logo]

SPECIFICATION

Product	SONTE Digital Shade
Model No.	SF001C01
Color	Milky White
Thickness	0.5 ± 0.02 mm
Dimension	Up to 1200mm x 4000mm
Operation	Transparent **when** on
	Opaque **when** off
Light Transmittance	> 76% (ON)
	>50% (OFF)
Haze Coefficient	< 8% (ON)
	>90% (OFF)
UV Absorption Index	>95%
IR Absorption Index	>80% (OFF)
Switching Time	<40 milliseconds
Driving Voltage	**up to** 70V AC
Frequency	50 / 60Hz
Consumption	<5W /M^2 (ON)
Operating Temperature	-20 ℃ - 70 ℃
Storage Temperature	-15℃ - 50 ℃,
	<70% RH
Product Life	**Over** 10 years **if used** indoors

NB: SONTE **LLC** reserves the right, without notification, to make changes in product specification or performance.