



SMARTVISION



## C-THRU LED VIDEO SCREEN | BLACK SERIES

The SACO Smartvision C-THRU is an innovative LED video screen system using state-of-the-art electronics in a light weight and open frame design. This see-through media system can be used in front of a performer or staging elements, or even combined together to fully benefit from the latest in live media layering techniques.

Based on SACO's proprietary V-Stream communication protocol, the C-THRU is fully compatible with SACO's S-LINE media touring solutions and SACO's line of video processors and video-enabled Shockwave light fixtures.

### DEEP COLOR

SACO's proprietary V-STREAM high-speed, high-resolution video pixel control 16-bit data sampling for silky smooth gradients, with 65,536 shades per color

### OPEN SPACE

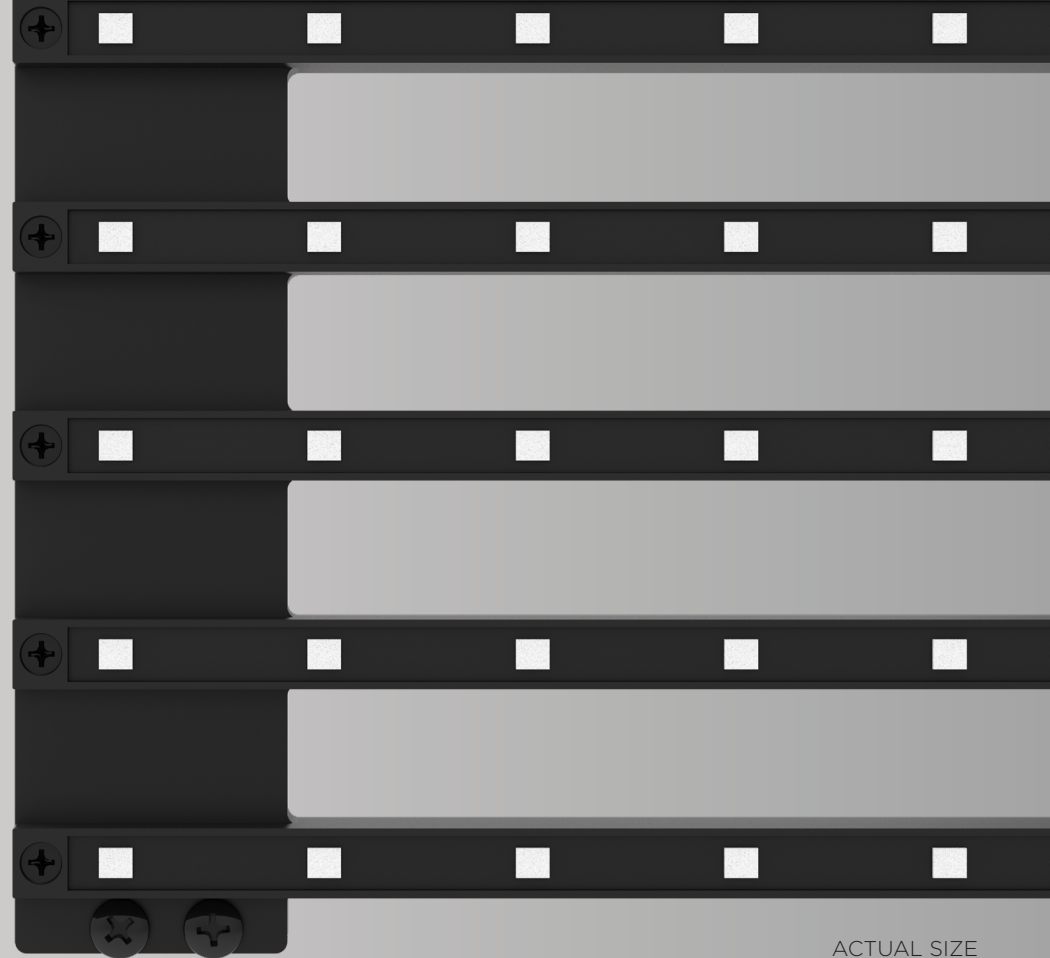
78% open frame design for "out of thin air" media experience  
Stack and layer tiles for deep and dynamic effects

### BUILT TO LAST

Sturdy construction, for both indoor and outdoor use  
Machined high-grade aluminum

### MODULAR

Connect multiple C-THRU screens under one header  
Create custom shapes or curves using specialized staging elements

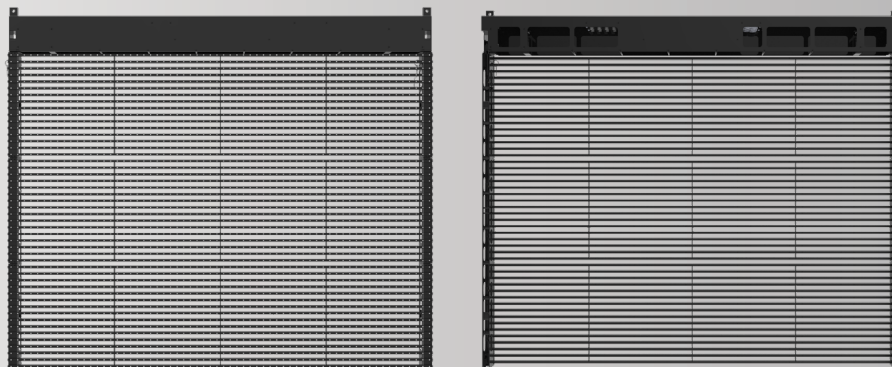


ACTUAL SIZE

SACO



## FEATURES GUIDE



### PHYSICAL

CONSTRUCTION	Machined high grade 6061-T6 aluminum frame Injected polymer LED carriers Sturdy black oxide coated steel hardware Black silicone electronics potting (temp range -49°F to 392°F, -45°C to 200°C) Front and rear access for serviceability
MOUNTING	Connect 3 modules to form a complete sheet section Up to 8 sheet sections be suspended and powered from one Header
DIMENSIONS	Module section: 70.6" wide x 17.6" high (1792mm x 446mm) Sheet section: 70.6" wide x 52.8" high (1792mm x 1338mm) Header: 70.6" wide x 6.1" high (1792mm x 155mm)
SURFACE FINISH	Frame in standard brushed black anodized finish
WEIGHT	2.5lb/ft² average (12.2kg/m²)

### THERMAL

HEAT CONTROL	Use of entire housing's surface area for passive heat dissipation
OPERATING TEMP	32°F to 131°F (0°C to 55°C)

### ELECTRICAL

INPUT VOLTAGE	Header: 170-280VAC Video module: 12-48VDC
POWER	200W Maximum @ full white (per module) 600W Maximum @ full white (per sheet)
HEADER LIMIT	Connect maximum 8 sheets per Header

### LIGHT OUTPUT

PIXEL TYPE	High brightness 3-in-1 LEDs by Nichia
PIXEL PITCH	1.1" (28mm)
PIXEL COUNT	64px wide x 16px high = 1024px (per module) 64px wide x 48px high = 3072px (per screen section composed of 3 modules)
COLOR DEPTH	16-bit High Color per channel (65,536 shades per channel) 48-bit Deep Color per pixel (281 trillions shades per pixel)
VIEWING ANGLE	Beam angle: 110° Field angle: 160°
TRANSPARENCY	78%
WHITE BALANCE	3500-9500K (Adjustable)
WHITE LUMINOSITY	4,200 nits

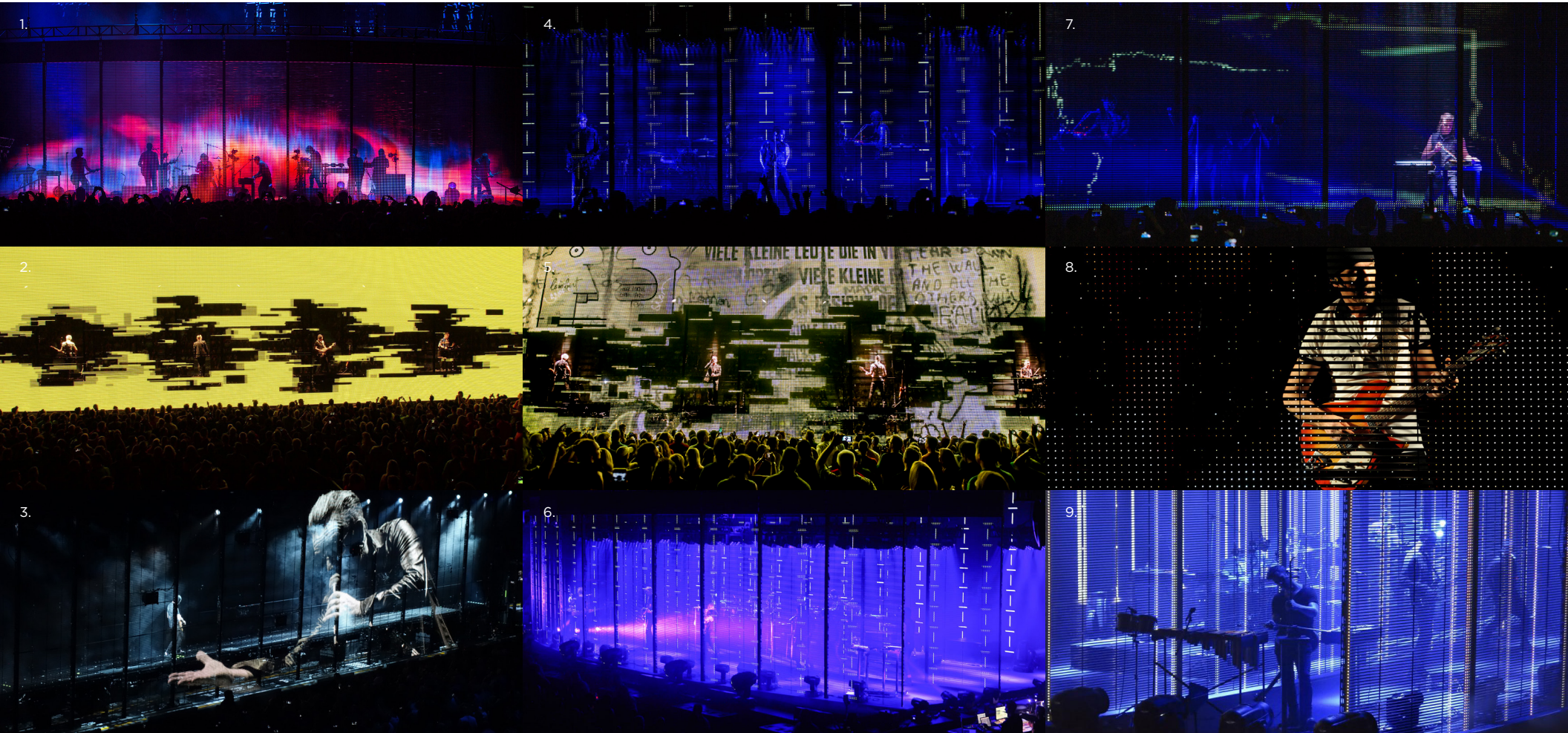
### ADDITIONAL INFORMATION

WARRANTY	5 years
ORIGIN	Designed and made in North America





## APPLICATION PROJECTS



1. Nine Inch Nails Tension Tour 2013  
2. U2 Innocence + Experience Tour 2015  
3. U2 Innocence + Experience Tour 2015

4. Nine Inch Nails Tension Tour 2013  
5. U2 Innocence + Experience Tour 2015  
6. Nine Inch Nails Tension Tour 2013

7. Nine Inch Nails Tension Tour 2013  
8. U2 Innocence + Experience Tour 2015  
9. Nine Inch Nails Tension Tour 2013