



**TRICORNE**  
PREMIUM LED

# Acoustically Transparent HDR LED *The Ultimate Cinema Screen*



## Future of Cinema Experience Cinematic Brilliance Like Never Before

Breathtaking visuals. Pristine audio. Tricorne's ultra-thin, acoustically transparent cinema LED screen is DCI-certified for SDR, HDR, and 3D—built for theaters of any size from 7m (23 feet). With a floor-to-ceiling, wall-to-wall display, experience cinema that's brighter, sharper, and more immersive than traditional projection. Effortlessly upgrade your existing auditorium. Seamlessly replace outdated setups with Tricorne LED.

The future of cinema is here. Step into next-gen HDR performance with long-life LED.



ACOUSTICALLY  
TRANSPARENT



DCI-P3



HIGH  
DYNAMIC RANGE



HIGH  
GRAY SCALE



HIGH  
CONTRAST RATIO



SCALABLE



DIVERSIFIED  
APPLICATIONS

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Perfect for the auditorium of sizes from 7m to 30m+

# Key Features

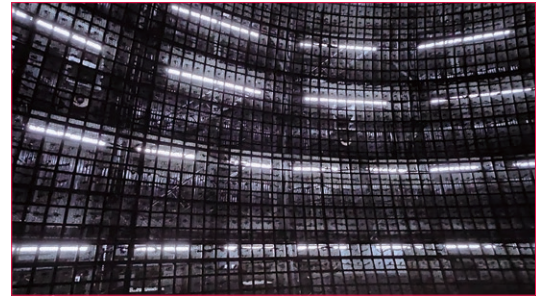
## ► Acoustically Transparent Perforated Design

- **Full Sound Transmission:**  
Engineered for speakers behind the LED.
- **Universal Compatibility:**  
Supports conventional cinema speaker system layouts and is compatible with immersive audio formats.
- **Total Reflection Elimination:**  
Complies with acoustic design standards. The screen's sound-transmitting perforations absorb and eliminate noise, delivering cleaner, purer audio quality.



## ► Seamless Modular Design

- **Floor-to-Ceiling and Wall-to-Wall:**  
Perfect for the Auditorium. Designed with modular and scalable adaptability to deliver resolutions that exceed conventional size limits.



## ► Unmatched Visual Excellence

- **Outstanding Visuals:**  
Ultra-wide DCI-P3 color gamut, HDR (High Dynamic Range) and HFR (High Frame Rate).
- **Self-Illuminating Properties:**  
High brightness, high grayscale levels, and superior contrast ratio, deliver top-tier visual performance.



# Specifications

| Model                               | TC0704-33  | TC0832-40  | TH1024-25   | TC1024-50   | TH1408-33   | TC1408-33   | TC1664-40 | TC2048-50    |
|-------------------------------------|--|------------|-------------|-------------|-------------|-------------|-----------|--------------|
| Dimension (m)                       | 7.04 x 3.6   | 8.32 x 4.5 | 10.24 x 5.4 | 10.24 x 5.4 | 14.08 x 7.2 | 14.08 x 7.2 | 16.64 x 9 | 20.48 x 10.8 |
| Pixel Pitch (mm)                    | 3.3  | 4          | 2.5         | 5           | 3.3         | 3.3         | 4         | 5            |
| Weight (Without Frame) (t)          | 0.7  | 1.0        | 1.4         | 1.4         | 2.5         | 2.5         | 3.7       | 5.4          |
| Weight (Including Frame) (t)        | 1.5  | 2.1        | 3.0         | 3.0         | 5.1         | 5.1         | 7.5       | 11.0         |
| Brightness (cd/m <sup>2</sup> )     | 300 nits   |            |             |             |             |             |           |              |
| Contrast Ratio                      | 60,000:1   |            |             |             |             |             |           |              |
| Idle Power Consumption (KW)         | 1.3  | 1.6        | 3           | 2.0         | 4.4         | 4.4         | 5.7       | 7.3          |
| 48 nits Content Maximum Power (KW)  | 1.6  | 2.0        | 3.6         | 2.6         | 5.6         | 5.6         | 7.4       | 9.7          |
| 300 nits Content Maximum Power (KW) | 3.4  | 4.7        | 7.8         | 6.6         | 13.0        | 13.0        | 18.2      | 25.6         |
| Viewing Angle                       | 160° (vertical) / 160° (horizontal)  |            |             |             |             |             |           |              |
| Gray Scale (bit)                    | 16   |            |             |             |             |             |           |              |
| Alternative Content Interface       | HDMI 2.1   |            |             |             |             |             |           |              |
| 3D (Optional)                       | Active Shutter 3D  |            |             |             |             |             |           |              |
| Temperature                         | Operating Temperature Range: 0°C~+40°C<br>Non-Operating Temperature Range: -10°C~+50°C<br>Storage Temperature Range: -20°C~+50°C   |            |             |             |             |             |           |              |
| Humidity                            | Operating Humidity Range: 10%~70% RH (non-condensation)<br>Non-Operating Humidity Range: 5%~70% RH (non-condensation)<br>Storage Humidity Range: 10%~90% RH (non-condensation) |            |             |             |             |             |           |              |