Reliable, affordable, high-value LED video walls

Christie® Core Series II LED tiles offer a reliable and affordable option for video wall applications. Available in a range of pixel pitches, Core Series II is ideal for permanent indoor applications where budget is a factor, from public spaces and corporate venues, to industry and government command and control rooms.

Core LED includes our ADA-compliant direct-mount system, which provides a sleek form factor and eliminates the need for a costly mounting frame. Redundant on-board power as well as front-serviceability makes Core LED easy to install and maintain. Like all Christie LED, we back Core Series II with industry-leading warranties, support, and leasing programs—giving you the ultimate peace of mind.

Key features
› Available in a range of pixel pitches—from 0.9mm to 2.5mm
› 24/7 operation
› Simple, concealed cable design
› Redundant on-board power
› Full-front access for easy installation and service
› ADA-compliant direct-mount system
› Scales to common resolutions including HD and 4K
› Powered by our E510 or the E600 controller for simple system design and enhanced processing that can deliver 4K@60Hz, HDR10 and low-brightness enhancements
### Technical specifications

**LED009-C2-I**
- **Display technology**
  - Pixel pitch: 0.9 mm
- **Pixel configuration**: 3-in-1 (1 red 1 green 1 blue)
- **Pixel density**: 1,137,777 pixels/m²
- **Maximum calibrated brightness**: 800 nits (cd/m²)
- **Aspect ratio**: 16:9
- **Contrast ratio (full field)**: 5000:1 @ 1 Lux, 2000:1 @ 10 Lux
- **Viewing angle**: 160ºH, 160ºV
- **Refresh rate**: >3840 Hz
- **Color temperature**: 2700K-9600K
- **Display colors**: 4.39 trillion (14-bit)
- **Color space**: 97% NTSC coverage
- **Signal inputs**
  - E510 controller: DVI (HDCP), HDMI (HDCP), 3G-SDI
- **Power**
  - Power consumption per tile: 78W Typical, 235W Maximum
- **Heat output per tile**: 266 BTU/hr Typical, 802 BTU/hr Maximum
- **Environment**
  - Operating temperature: 32-104°F (0-40°C)
  - Operating humidity: 10-90% non-condensing
  - Storage temperature: 14-122°F (-10-50°C)
  - IP rating: 30
  - LED lifespan: 100,000 hours (typical)
  - Runtime: 24/7
- **Physical**
  - Tile dimensions: 23.62 x 13.29 x 1.5” (600 x 337.5 x 38mm)
  - Tile resolution: 640 x 360 pixels
  - Tile weight: 14.33 lbs (6.5kg)
  - Tile area: 1.28 ft² (0.023m²)
  - Total installed weight: TBD
- **Cabinet design**: Die-cast aluminum
- **Certifications¹**: CE (includes EMC), FCC, IC; CB, cULus/cCSAus/cETLus/cTUVus, RCM

**LED012-C2-I**
- **Display technology**
  - Pixel pitch: 1.25 mm
- **Pixel configuration**: 3-in-1 (1 red 1 green 1 blue)
- **Pixel density**: 640,000 pixels/m²
- **Maximum calibrated brightness**: 800 nits (cd/m²)
- **Aspect ratio**: 16:9
- **Contrast ratio (full field)**: 5000:1 @ 1 Lux, 2000:1 @ 10 Lux
- **Viewing angle**: 160ºH, 160ºV
- **Refresh rate**: >3840 Hz
- **Color temperature**: 2700K-9600K
- **Display colors**: 4.39 trillion (14-bit)
- **Color space**: 97% NTSC coverage
- **Signal inputs**
  - E600 controller: HDMI 2.0 (HDCP), DisplayPort 1.2 (HDCP), Dual DVI-D (HDCP)
- **Power**
  - Power consumption per tile: 61W Typical, 182W Maximum
- **Heat output per tile**: 208 BTU/hr Typical, 620 BTU/hr Maximum
- **Environment**
  - Operating temperature: 32-104°F (0-40°C)
  - Operating humidity: 10-90% non-condensing
  - Storage temperature: 14-122°F (-10-50°C)
  - IP rating: 30
  - LED lifespan: 100,000 hours (typical)
  - Runtime: 24/7
- **Physical**
  - Tile dimensions: 23.62 x 13.29 x 1.5” (600 x 337.5 x 38mm)
  - Tile resolution: 480 x 270 pixels
  - Tile weight: 20.55 lbs (9.3kg)
  - Tile area: 1.5 ft² (0.137m²)
  - Total installed weight: TBD
- **Cabinet design**: Die-cast aluminum
- **Certifications¹**: CE (includes EMC), FCC, IC; CB, cULus/cCSAus/cETLus/cTUVus, RCM

**LED015-C2-I**
- **Display technology**
  - Pixel pitch: 1.5625 mm
- **Pixel configuration**: 3-in-1 (1 red 1 green 1 blue)
- **Pixel density**: 409,600 pixels/m²
- **Maximum calibrated brightness**: 800 nits (cd/m²)
- **Aspect ratio**: 16:9
- **Contrast ratio (full field)**: 5000:1 @ 1 Lux, 2000:1 @ 10 Lux
- **Viewing angle**: 160ºH, 160ºV
- **Refresh rate**: >3840 Hz
- **Color temperature**: 2700K-9600K
- **Display colors**: 4.39 trillion (14-bit)
- **Color space**: 97% NTSC coverage
- **Signal inputs**
  - E600 controller: HDMI 2.0 (HDCP), DisplayPort 1.2 (HDCP), Dual DVI-D (HDCP)
- **Power**
  - Power consumption per tile: 59W Typical, 176W Maximum
- **Heat output per tile**: 189 BTU/hr Typical, 594 BTU/hr Maximum
- **Environment**
  - Operating temperature: 32-104°F (0-40°C)
  - Operating humidity: 10-90% non-condensing
  - Storage temperature: 14-122°F (-10-50°C)
  - IP rating: 30
  - LED lifespan: 100,000 hours (typical)
  - Runtime: 24/7
- **Physical**
  - Tile dimensions: 23.62 x 13.29 x 1.5” (600 x 337.5 x 38mm)
  - Tile resolution: 384 x 216 pixels
  - Tile weight: 18.96 lbs (8.6kg)
  - Tile area: 1.5 ft² (0.137m²)
  - Total installed weight: TBD
- **Cabinet design**: Die-cast aluminum
- **Certifications¹**: CE (includes EMC), FCC, IC; CB, cULus/cCSAus/cETLus/cTUVus, RCM

**LED018-C2-I**
- **Display technology**
  - Pixel pitch: 1.875 mm
- **Pixel configuration**: 3-in-1 (1 red 1 green 1 blue)
- **Pixel density**: 284,266 pixels/m²
- **Maximum calibrated brightness**: 800 nits (cd/m²)
- **Aspect ratio**: 16:9
- **Contrast ratio (full field)**: 5000:1 @ 1 Lux, 2000:1 @ 10 Lux
- **Viewing angle**: 160ºH, 160ºV
- **Refresh rate**: >3840 Hz
- **Color temperature**: 2700K-9600K
- **Display colors**: 4.39 trillion (14-bit)
- **Color space**: 97% NTSC coverage
- **Signal inputs**
  - E600 controller: HDMI 2.0 (HDCP), DisplayPort 1.2 (HDCP), Dual DVI-D (HDCP)
- **Power**
  - Power consumption per tile: 58W Typical, 174W Maximum
- **Heat output per tile**: 189 BTU/hr Typical, 594BTU/hr Maximum
- **Environment**
  - Operating temperature: 32-104°F (0-40°C)
  - Operating humidity: 10-90% non-condensing
  - Storage temperature: 14-122°F (-10-50°C)
  - IP rating: 30
  - LED lifespan: 100,000 hours (typical)
  - Runtime: 24/7
- **Physical**
  - Tile dimensions: 23.62 x 13.29 x 1.5” (600 x 337.5 x 38mm)
  - Tile resolution: 320 x 180 pixels
  - Tile weight: 14.33 lbs (6.5kg)
  - Tile area: 1.28 ft² (0.023m²)
  - Total installed weight: TBD
- **Cabinet design**: Die-cast aluminum
- **Certifications¹**: CE (includes EMC), FCC, IC; CB, cULus/cCSAus/cETLus/cTUVus, RCM

**LED025-C2-I**
- **Display technology**
  - Pixel pitch: 2.5 mm
- **Pixel configuration**: 3-in-1 (1 red 1 green 1 blue)
- **Pixel density**: 160,000 pixels/m²
- **Maximum calibrated brightness**: 800 nits (cd/m²)
- **Aspect ratio**: 16:9
- **Contrast ratio (full field)**: 5000:1 @ 1 Lux, 2000:1 @ 10 Lux
- **Viewing angle**: 160ºH, 160ºV
- **Refresh rate**: >3840 Hz
- **Color temperature**: 2700K-9600K
- **Display colors**: 4.39 trillion (14-bit)
- **Color space**: 97% NTSC coverage
- **Signal inputs**
  - E600 controller: HDMI 2.0 (HDCP), DisplayPort 1.2 (HDCP), Dual DVI-D (HDCP)
- **Power**
  - Power consumption per tile: 32W Typical, 97W Maximum
- **Heat output per tile**: 109 BTU/hr Typical, 331 BTU/hr Maximum
- **Environment**
  - Operating temperature: 32-104°F (0-40°C)
  - Operating humidity: 10-90% non-condensing
  - Storage temperature: 14-122°F (-10-50°C)
  - IP rating: 30
  - LED lifespan: 100,000 hours (typical)
  - Runtime: 24/7
- **Physical**
  - Tile dimensions: 23.62 x 13.29 x 1.5” (600 x 337.5 x 38mm)
  - Tile resolution: 240 x 135 pixels
  - Tile weight: 14.33 lbs (6.5kg)
  - Tile area: 1.28 ft² (0.023m²)
  - Total installed weight: TBD
- **Cabinet design**: Die-cast aluminum
- **Certifications¹**: CE (includes EMC), FCC, IC; CB, cULus/cCSAus/cETLus/cTUVus, RCM

**Certifications¹**
- CE (includes EMC), FCC, IC; CB, cULus/cCSAus/cETLus/cTUVus, RCM

**Warranty**
- Three years parts and labor standard limited warranty, and extended warranty option available for a one-time fee at time of purchase. Contact an authorized Christie representative for full details.

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¹ Certain of the listed certifications may be pending and not yet issued. For the current status of the listed certifications, please contact an authorized Christie representative.