

# Coronis Fusion 6MP LED (MDCC-6230)

6MP diagnostic color display system



- **Fusion display for flexible multi-modality imaging**
- **Barco LED technology to unveil the subtlest details**
- **Intelligent Multi-Sensor Technology for incredible images**

## More shades of gray

Equipped with high-bright LED backlights, Barco's Coronis Fusion 6MP renders more JNDs (Just Noticeable Differences) to help you see more shades of gray. Subtle details become more noticeable more quickly, significantly reducing windowing and leveling time.

## Uniform brightness

ULT-LED removes panel noise and renders uniform DICOM images from center to corner. With I-MST (Intelligent Multi Sensor Technology), front-of-screen, backlight, ambient light and temperature sensors work together seamlessly to optimize image quality and to keep it consistent over time.

## Small footprint, long lifetime

Using power-efficient backlights, Barco's 6MP diagnostic display system is as low in power consumption as it is high in brightness. Additionally, Barco's LED backlights are mercury-free, produce less heat, and last longer, providing a high return on your investment.

## This display system includes:

- A 6MP color flat panel display
- MediCal QAWeb software for automated calibration and Quality Assurance
- A high-speed, high-performance display controller

**Product specificaties****CORONIS FUSION 6MP LED (MDCC-6230)****General specifications**

|                                                    |                                                                                                                                                                                                                                                                                                                                                         |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Scherntechnologie                                  | TFT AM Color LCD Dual Domain IPS-Pro                                                                                                                                                                                                                                                                                                                    |
| Achtergrondverlichting                             | LED                                                                                                                                                                                                                                                                                                                                                     |
| Actief schermformaat (diagonaal)                   | 772 mm (30.4")                                                                                                                                                                                                                                                                                                                                          |
| Formaat actief scherm (H x V)                      | 654 x 409 mm (25.8 x 16.1")                                                                                                                                                                                                                                                                                                                             |
| Beeldverhouding (H:V)                              | 16:10                                                                                                                                                                                                                                                                                                                                                   |
| Resolutie                                          | native 6MP (3280 x 2048)<br>configurable to 2 x 3MP+ (1640 X 2048)<br>configurable to 2 x 3MP (1536 X 2048)                                                                                                                                                                                                                                             |
| Pixelpitch                                         | 0.1995 mm                                                                                                                                                                                                                                                                                                                                               |
| Beeldkleur                                         | Yes                                                                                                                                                                                                                                                                                                                                                     |
| Grijsbeeldvorming                                  | Yes                                                                                                                                                                                                                                                                                                                                                     |
| Kleurondersteuning                                 | 30 bit                                                                                                                                                                                                                                                                                                                                                  |
| Kijkhoek (H, V)                                    | 178°                                                                                                                                                                                                                                                                                                                                                    |
| Uniform Luminance Technology (ULT-LED)             | Yes                                                                                                                                                                                                                                                                                                                                                     |
| Per Pixel Uniformity (PPU-LED)                     | No                                                                                                                                                                                                                                                                                                                                                      |
| Omgevingslichtcompensatie (OLC)                    | Yes                                                                                                                                                                                                                                                                                                                                                     |
| I-Guard                                            | Yes                                                                                                                                                                                                                                                                                                                                                     |
| Maximale luminantie                                | 720 cd/m <sup>2</sup>                                                                                                                                                                                                                                                                                                                                   |
| DICOM-gekalibreerde luminantie (ULT uit)           | 500 cd/m <sup>2</sup>                                                                                                                                                                                                                                                                                                                                   |
| Contrastverhouding (donkere leesruimte, standaard) | 1000:1                                                                                                                                                                                                                                                                                                                                                  |
| Reactietijd (stijgtijd + valtijd)                  | 18 ms                                                                                                                                                                                                                                                                                                                                                   |
| Video-ingangssignalen                              | DVI-D Dual Link (2x), DisplayPort (2x)                                                                                                                                                                                                                                                                                                                  |
| USB-poorten                                        | 1 upstream (endpoint), 3 downstream                                                                                                                                                                                                                                                                                                                     |
| USB-standaard                                      | 2.0                                                                                                                                                                                                                                                                                                                                                     |
| Stroomverbruik (nominaal)                          | 125W                                                                                                                                                                                                                                                                                                                                                    |
| Energiebesparingsmodus                             | Yes                                                                                                                                                                                                                                                                                                                                                     |
| Afmetingen met standaard (B x H x D)               | Portrait: NA<br>Landscape: 731 x 580~676 x 265 mm                                                                                                                                                                                                                                                                                                       |
| Afmetingen zonder standaard (B x H x D)            | Portrait: NA<br>Landscape: 731 x 485 x 141 mm                                                                                                                                                                                                                                                                                                           |
| I-Luminate-knop                                    | No                                                                                                                                                                                                                                                                                                                                                      |
| RapidFrame-technologie                             | No                                                                                                                                                                                                                                                                                                                                                      |
| Nettogewicht met standaard                         | 26.5 kg                                                                                                                                                                                                                                                                                                                                                 |
| Montagestandaard                                   | VESA (100 mm)                                                                                                                                                                                                                                                                                                                                           |
| Bescherming van het scherm                         | Protective, non-reflective glass cover                                                                                                                                                                                                                                                                                                                  |
| Aanbevolen procedures                              | CT, MR, US, DR, CR, NM, Film                                                                                                                                                                                                                                                                                                                            |
| Certificeringen                                    | IEC 60601-1:2005 3RD EDITION ; ANSI/AAMI ES60601-1:2005 + C1:2009 + A2:2010 ; CAN/CSA-C22.2 No. 60601-1:2008 ; IEC 60950-1:2001 1ST EDITION ; DEMKO -EN 60601-1:2006 ; CCC -GB9254-2008 + GB4943-2001 ; KC ; CE 93/42/EEC amended by CE 2007/47/EC ; CE 2004/108/EC ; FCC class B ; ICES-001 level B ; VCCI class B ; MDD class IIb ; FDA 510(k) ; RoHS |
| Meegeleverde accessoires                           | Getting Started Guide<br>Quick-Installation Sheet<br>Video cables (2 x DVI Dual Link, 2 x DisplayPort)<br>Main cables (UK, European (CEBEC/KEMA), USA (UL/CSA; adaptor plug NEMA 5-15P), Chinese (CCC))<br>USB 2.0 cable<br>External power supply                                                                                                       |
| Optionele accessoires                              | NA                                                                                                                                                                                                                                                                                                                                                      |
| Software voor kwaliteitsgarantie                   | MediCal QAWeb                                                                                                                                                                                                                                                                                                                                           |
| Garantie                                           | 5 years                                                                                                                                                                                                                                                                                                                                                 |

**Laatst bijgewerkt: 08 Jul 2024**

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