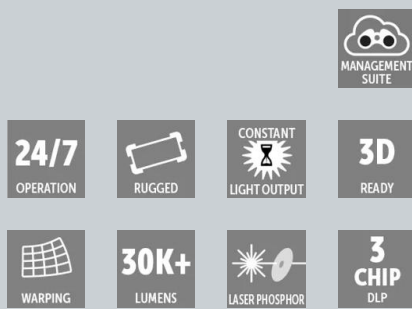


# QDX-4K35

33,000 lumens, 4K UHD, 3-chip DLP laser phosphor large venue projector



- **Stunning experiences thanks to high-brightness images**
- **Next-gen Pulse electronics with more processing power**
- **Durable design for maximized ROI**
- **Access to Barco's cloud-based Insights Management Suite**

Designed to deliver brighter, sharper, and lighter projections with unmatched speed, the QDX ensures immersive visuals that captivate audiences while offering an impressive return on investment.

### Unprecedented image quality

The QDX-4K35 projector boasts ultra-high brightness capabilities of 33,000 lumens, providing clear and vibrant images in any setting. Utilizing the advanced Barco 0.96 DMD chip, it produces stunning 4K picture quality with rich, lavish colors. Enhanced by our patented Pulse electronics, enjoy ultra-fast processing and high bandwidth support up to 8K@60Hz or 4K@240Hz for smoother images and sharper pixels.

### Maximized ROI

The QDX is the world's most compact and lightest projector in its category, with everything at hand to maximize your ROI. It integrates seamlessly with your existing Barco equipment, including rental frames, flight cases, and TLD+ lenses. Fully compatible with Barco's smart peripherals and software tools, it ensures maximum return on your investment.

### High Reliability

Built for longevity, the QDX projector maintains its stunning brightness and image quality over time. Its modular design allows for easy maintenance, and its advanced air filter system ensures reliable performance even in the harshest environments.

## Product specifications

## QDX-4K35

### General specifications

|                                    |  |
|------------------------------------|--|
| Notes                              | The specifications in this document are preliminary  |
| Projector type                     | WUXGA 3-chip DLP digital projector   |
| Technology                         | 0.96" DMD™ x3  |
| Resolution                         | 3840 x 2400 (4K UHD)   |
| Brightness                         | 33000 center lumens*   |
| Contrast ratio                     | 2.200:1  |
| Optical lens shift                 | Vertical: up to -150% to +130% (motorized)<br>Horizontal: up to +/-50% (motorized)<br>with lens memory on TLD+ lenses        |
| Light source                       | Blue+Red laser phosphor with inorganic phosphor wheel  |
| Brightness uniformity              | 95%  |
| Light source lifetime              | 20000 hrs (100% power, DynaBlack® off)   |
| Color correction                   | Yes  |
| Optical dowser                     | Laser switching /optional external   |
| Aspect ratio                       | 16:10  |
| Lens type                          | TLD+   |
| Lens range                         | TLD+: 0.37:1 ; 0.65-0.85:1 ; 0.8-1.16:1 ; 1.25 -1.6:1 ; 1.5-2.0:1 ; 2.0-2.8:1 ; 2.8-4.5:1 ; 4.5-7.5:1 ; 7.5-11.5:1           |
| Color space                        | REC 709 +  |
| Orientation                        | 360°   |
| Sealed DLP™ core                   | Standard   |
| Inputs                             | HDMI™ 2.1 (HDCP 2.2 -HDR10)/ DP1.4 (HDCP 1.3) RJ45 Ethernet / RS232 / USB(5v) / 12V out/ BNC 3D sync in-out                  |
| Input resolutions                  | Including and up to:<br>4096 x 2160 @ 240Hz<br>3840 x 2400 @ 240Hz<br>7680 x 4320 @ 60Hz                                     |
| Processing                         | Pulse electronics  |
| Web browser                        | Yes  |
| Picture-by-picture                 | Two sources simultaneously   |
| CLO (constant light output)        | Yes  |
| DMX 512                            | Yes  |
| Image processing                   | Embedded warp & blend  |
| Keystone correction                | Yes  |
| Standby power                      |  |
| Software tools                     | Pulse Toolset + Android app + iOS app + IMS  |
| Control                            | DMX (optional), XLR wired (optional) + IR, RJ45, Wifi (optional), GSM (optional)   |
| 3D                                 | Active eye wear<br>3D stereo formats: 1xHDMI™ 1xDP or Quad DP(optioN/AI) top/ bottomsequential multi pipe. 1920x1200 @ 120Hz |
| 24/7 operation                     | Yes  |
| BTU per hour                       | Max 9584 BTU/h   |
| Operating temperature              | 0-40°C / 32°-104°F (reduce power > 40°C)   |
| Optional Inputs                    | Quad DP1.2 // Fiber SFP // HDBaseT/ HDMI™/ Quad-3G/ 12G/ DMX/ remote CTRL // HDBaseT   |
| Storage temperature                | -10°C to 60°C  |
| Operating humidity                 | 0-80% (no condense)  |
| Storage humidity                   | 5 -90% RH  |
| Network connection                 | 10/100 base-T RJ-45 connection Wifi (opt)  |
| Dimensions (WxLxH)                 | 660 x 830 x 350 mm / 25.98 x 32.67 x 13.77 inches  |
| Weight                             | 79kg / 174 lbs   |
| Shipping weight                    | 91kg / 200 lbs   |
| Power requirements                 | 120-160V (reduced power)20A / 200-240V (+/-10%) 32A 50-60Hz  |
| Power consumption                  | At 230v: 2560W typical/ 2800W max<br>At 120v: 2200W typical/ 2300W max   |
| Noise level (typical at 25°C/77°F) |  |
| Shipping dimensions (WxLxH)        | 800 x 1200 x 660 mm / 31.49 x 47.24 x 25.9 " incl. palet   |
| Safety class                       | Laser Safety Class: RG3 Class 2  |
| Standard accessories               | Power cord wireless / XLR wired rugged remote control  |
| Certifications                     | Compliant with UL60950-1 and EN60950-1 complies with FCC rules & regulations part 15 Class A and CE EN55032 Class A Rohs     |
| Warranty                           | 3 years  |
| *Note                              | * Brightness levels +/-10%   |

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