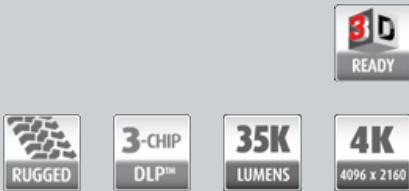


# HDQ-4K35

35,000 lumens, 4K, 3-chip DLP projector



- Supports native 4K content at 60Hz frame rate
- Rugged and fully integrated design
- Internal power supply, rental frame, no external chimney fan

Offering a brightness level of 35,000 center lumens, the HDQ-4K35 projector is capable of showing native 4K content at 60 Hz frame rates. It features a unique integrated design with internal power supply, rental frame and no external chimney fan. What's more, the HDQ-4K35 is fully ready to be combined with Barco's groundbreaking 4K screen management system, which allows native 4K projector blending.

### Stunning images

Thanks to its 4K (4,096 x 2,160) resolution, 60 Hz frame rate, Xenon 6.5kW lamp and high-contrast optical engine, the HDQ-4K35 delivers razor-sharp images to boost live events with stunning visuals in vibrant, rich colors. Rental companies that already own a fleet of HDQ-2K40 projectors can reuse their XLD lenses for the HDQ-4K35 projector or opt for dedicated 4K lenses if higher lens shifts are needed to achieve the right image.

### A perfect match for E2

Offering native 4K input and output, the Barco E2 image processor is the only screen management system on the market able to manage a 32 projector blend using the HDQ-4K35 with refresh rates up to 60 Hz.

### Designed for the road

Perfect for a multitude of rental & staging applications, the HDQ-4K35 boasts a unique integrated design with internal power supply, rental frame and no external chimney fan. Designed with the road in mind, the HDQ-4K35 comes with a rugged metal chassis to withstand the challenging conditions of continuous shipping.

**PRODUCT SPECIFICATIONS****HDQ-4K35**

|  |   |
|--|---|
| Projector type                                 | 4K 3-chip DLP digital projector   |
| Technology                                     | 1.38" DMD™ x3   |
| Resolution                                     | 4,096 x 2,160   |
| Brightness                                     | 35,000 center lumens / 33,000 ANSI lumens*  |
| Contrast ratio                                 | 2,000:1 (standard)  |
| Brightness uniformity                          | 90%   |
| Aspect ratio                                   | 1,896   |
| Lens type                                      | XLD / XLD HD (4K lens)  |
| Lenses   | lenses fixed 0.72; 0.9 zoom lenses starts at 1.3: 1 till 7.2 :1(check lens calculator for full details) |
| Optical lens shift                             | Vertical: +/-70% / Horizontal: +/-30% depending on the lens type shift can be inferior                  |
| Color correction                               | P7  |
| Lamps  | 6.5 kW xenon  |
| Lamp lifetime                                  | 500 Hrs   |
| Transport with lamp                            | No  |
| Lamp house, quick replace                      | Yes   |
| Customer bulb replace                          | Yes   |
| Lamp warranty (field replace/ factory replace) | 90 days, 300 hours / pro rata 300 hours   |
| 3D   | ready   |
| Inputs   | 2 x DP 1.1 only (2 x 2,048 by 2,160)<br>HDMI ready; 3GHDSI ready  |
| Sealed DLP™ core                               | Standard  |
| Optical dowsner                                | Standard  |
| Orientation                                    | table - side (portrait)   |
| WARP   | external optional MCM warp  |
| Integrated web server                          | yes (projector control board)   |
| Optional Inputs                                | NA  |
| Input resolutions                              | Up to 4K 60p  |
| Software tools                                 | DC Communicator   |
| Network connection                             | 10/100 base-T, RJ-45 connection   |
| Power requirements                             | 200-240V /380-400V@50-60Hz  |
| Max. power consumption                         | 8,000W  |
| Noise level (typical at 25°C/77°F)             | 61 dB(A)  |
| Operational ambient temperature                | 0-35°C / 32°-104°F  |
| Operational humidity                           | 0-80% (non condens)   |
| Dissipation BTU                                | Max. 27,331 BTU/h   |
| Dimensions (WxLxH)                             | 1,025 x 1,320 x 900mm / 40.35 x 51.96 x 35.43 inches  |
| Weight   | 210kg (462.97lbs)   |
| Shipping Dimensions                            | (LxWxH) 1,522 x 1,242 x 1,215 mm / 59.92 x 48.90 x 47.83 inches   |
| Shipping Weight from Factory                   | 270kg (595.25lbs)   |
| Standard accessories                           | Power cord; adjustable frame/ clamps  |

**PRODUCT SPECIFICATIONS****HDQ-4K35**

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|                       |  |
|-----------------------|--|
| <b>Certifications</b> | Compliant with UL60950-1 and EN60950-1 complies with FCC rules & regulations, part 15 Class A and CE EN55022 Class A, RoHS |
| <b>Warranty</b>       | 3 years standard, extendable up to 5 years   |
| <b>*</b>              | +/- 10%  |

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**Last updated: 31 Mar 2017**

Technical specifications are subject to change without prior notice. Please check [www.barco.com](http://www.barco.com) for the latest information.