

DP4K-32B

Ultra-bright Enhanced 4K DLP Cinema® projector for screens up to 32m (105ft)



The Barco DP4K-32B is an ultra-bright Enhanced 4K cinema projector for screens up to 32m (105ft). Featuring Texas Instruments' 1.38" DLP Cinema® chip, the new DP4K-32B is specifically designed to ensure a razor-sharp movie experience on premium cinema screens.

Ultra-sharp image quality

The DP4K-32B combines this ultra-sharp image quality with an easy-to-use modular design, exceptional long lifetime and lowest cost of ownership.

Vibrant color accuracy

The top-of-the-line DP4K-32B brings stunning images in Enhanced 4K resolution (4,096 x 2,160), combined with ultimate brightness and vibrant color-accuracy time after time.

Ultimate brightness

Thanks to its highly efficient optical design and patented DMD cooling system, the DP4K-32B is the brightest cinema projector in its class – your guarantee for an unequalled, premium cinema experience.

BARCO

Visibly yours

Technical specifications

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|------------------------------------|--|
| Digital MicroMirror Device™ | 3 x 1.38" DC4K dark metal devices |
| Native resolution | 4,096 x 2,160 pixels |
| Housing | Hermetically sealed DMDs and optical assembly |
| Lamp | 3kW - 7kW (Xenon lamp) |
| Light Output | 33,000 lumens (6.5 kW lamp) |
| Screen size | Up to 32m / 105 ft wide |
| Contrast ratio | 2,000:1 |
| Digital Video Inputs | Slot for 2 x SMPTE 292M inputs or 4K Integrated Media Block 2 x DVI input both selectable as single and dual link |
| Control I/O | Ethernet, 8x GPIO, Serial RS232 |
| Prime Lenses | 1.13 - 1.31 1.27 - 1.86 1.45 - 2.13 1.63 - 2.53 1.95 - 3.26 2.53 - 4.98 equivalent throw ratios for 4K 1.38" DMD |
| Projector Diagnostics | via PC touch panel via Communicator control software via SNMP agent |
| Power Requirements | 3W+N+PE 230/400V 16A 50-60Hz or 3W+PE 208V 27A 50-60Hz 30,000 BTU/hr (with 6.5kW - 7kW lamp) |
| Dimensions | 604(H) x 754(W) x 1129(D) mm 23.78(H) x 29.69(W) x 44.45(D) inch NB.: min. 5 cm of air inlet spacing required at the bottom of projector |
| Weight | 141 kg (311 lbs) |
| Ambient temperature | 35°C / 95°F Max. |
| Exhaust airflow | 350 CFM |
| Standard Features | CLO (Constant Light Output) Powerful SNMP agent Motorized/memorized lens (focus, zoom & shift) HDCP support Full 2K triple flash 3D Advanced patented DMD cooling |
| Options | 4K Integrated Media Block ACS-2048 3D add-ons Touch panel Pedestal |