

# DP4K-23B

Ultra-bright Enhanced 4K DLP Cinema® projector for screens up to 23m (75ft)



The Barco DP4K-23B is an ultra-bright Enhanced 4K cinema projector for screens up to 23m (75ft). Featuring Texas Instruments' 1.38" DLP Cinema® chip, the new DP4K-23B is specifically designed to ensure a razor-sharp movie experience on premium cinema screens.

#### **Ultra-sharp image quality**

The DP4K-23B 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-23B 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-23B is the brightest cinema projector in its class – your guarantee for an unequalled, premium cinema experience.

**BARCO**

Visibly yours

# Technical specifications

<b>Digital MicroMirror Device™</b>	3 x 1.38" DC4K dark metal devices
<b>Native resolution</b>	4,096 x 2,160 pixels
<b>Housing</b>	Hermetically sealed DMDs and optical assembly
<b>Lamp</b>	1.2kW - 4kW (Xenon lamp)
<b>Light Output</b>	24,500 lumens (4 kW lamp)
<b>Screen size</b>	Up to 23m / 75 ft wide
<b>Contrast ratio</b>	2,000:1
<b>Digital Video Inputs</b>	Slot for 2 x SMPTE 292M inputs or 4K Integrated Media Block 2 x DVI input both selectable as single and dual link
<b>Control I/O</b>	Ethernet, 8x GPIO, Serial RS232
<b>Prime Lenses</b>	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
<b>Projector Diagnostics</b>	via PC touch panel via Communicator control software via SNMP agent
<b>Power Requirements</b>	200-240V 30A 50-60Hz 19,000 BTU/hr (with 4kW lamp)
<b>Dimensions</b>	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
<b>Weight</b>	134 kg (295 lbs)
<b>Ambient temperature</b>	35°C / 95°F Max.
<b>Exhaust airflow</b>	350 CFM
<b>Standard Features</b>	CLO (Constant Light Output) Powerful SNMP agent Motorized/memorized lens (focus, zoom & shift) HDCP support Full 2K triple flash 3D Advanced patented DMD cooling
<b>Options</b>	4K Integrated Media Block ACS-2048 3D add-ons Touch panel Pedestal