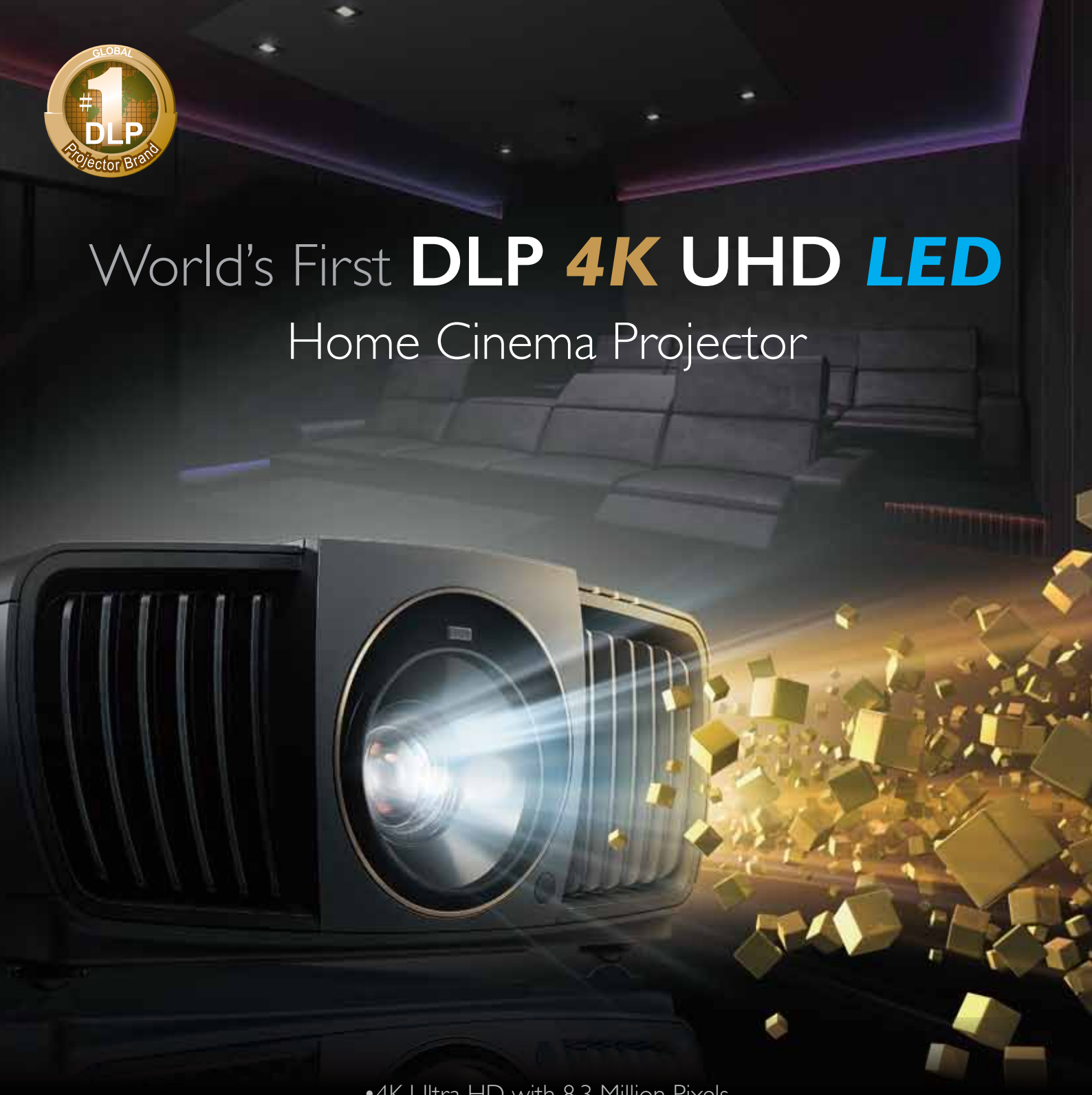
GLOBAL #1 DLP Projector Brand

World's First DLP 4K UHD LED

Home Cinema Projector



- 4K Ultra HD with 8.3 Million Pixels
- Superb CinematicColor DCI-P3 Color Accuracy
- ColorSpark HLD LED Technology for a New Level of Brightness for Well-Lit Environments
- H/V Lens Shift & Big Zoom Lens for Installation Flexibility
- Instant On/Off and Lamp Maintenance Free

4K ULTRA HD

X12000

BenQ

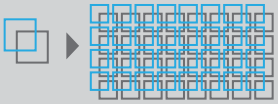
Because it matters

X12000

Home Cinema Projector

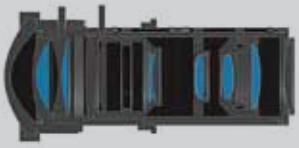
4K UHD True 8.3 Million Pixel Performance for Perfect Pictures with Subtle Details

X12000 harnesses the advanced DLP 4K UHD DMD with 2716 x 1528 (4.15 million) micromirrors to achieve 4K UHD specification, utilizing XPR fast-switching technology via dual-position precision optical actuator with state-of-the-art image processing to double the resolution, reaching 3840x2160 with 8.3 million distinct pixels for each frame, four times the resolution of Full HD 1080p.

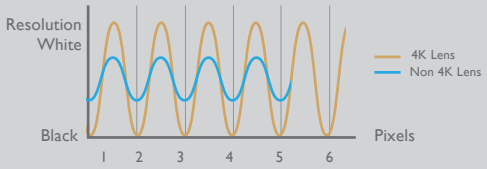


Sophisticated 4K-Optimized Lens System for Pure Clarity

With class-leading lens architecture, X12000's optical engine is specifically designed for spectacular 4K image quality, offering True Zoom function and presenting the best viewing quality with flawless optics.



6-Element Lens With Extra Low Dispersion Coating



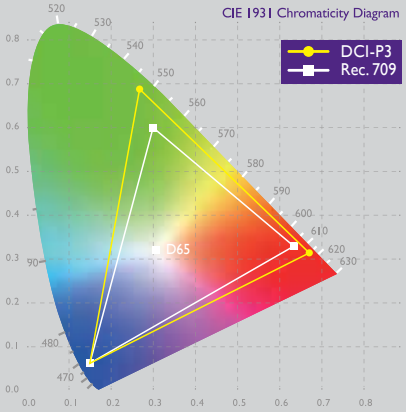
PHILIPS ColorSpark HLD LED technology for a New Level of Brightness and Wider Color Gamut

Compared with current LED technology, the revolutionary Philips ColorSpark HLD LED technology provides a wider color gamut, generates up to 3X brighter front-of-screen performance. Achieving 2,200 lumens for use in bright environments. Coupled with 20,000-hour long maintenance-free lamp life, X12000 delivers long-lasting cinema enjoyment with new LED technology for both powerful brightness and breathtaking color gamut.

ColorSpark

Superb DCI-P3 Color Space for Unmatched Digital Cinema Experience

The combination of ColorSpark HLD LED technology and proprietary BenQ CinematicColor Technology accurately reaches the superwide DCI-P3 color range, significantly greater than the Rec. 709 HDTV color gamut. As defined by the American film industry, DCI-P3 provides far more colors covering a significantly larger portion of the visible spectrum for vibrant cinematic color performance unattainable with lesser color specifications.



Specification

Model	X12000
Highlighted Features	4K UHD Resolution, 8.3 Million Pixels, DCI-P3, ColorSpark HLD LED Technology, ISFccc calibration, 4K Upscaling from 1080p
Projection System	DLP 4K UHD
Resolution	3840 x 2160 with XPR technology
Display Pixels	8.3 million
Brightness (ANSI Lumens)	2200 lm
FOFO Contrast Ratio	50,000:1 with Dynamic Iris
Display Colour	1.07 Billion Colours
Lens	F=2.05~2.37 f=20.54~30.31
Aspect Ratio	16:9
Throw Ratio	1.37 - 2.06(100"@3m)
Image Size (Clear Focus/Maximum)	95"~180" / 300"
Zoom Ratio	1.5:1
Lamp Type	PHILIPS **HLD***
Lamp Mode (Normal/Eco/SmartEco)	**20,000** hours**
Lens Shift	Vertical: ± 65% / Horizontal: ± 27%
Color Space	**DCI-P3** (95% typ.)
Horizontal Frequency	15 - 102KHz
Vertical Scan Rate	23 - 120Hz
Resolution Support	VGA (640x480) to 4K UHD (3840x2160)
Video Compatibility	480i/p 60Hz, 576i/p 50Hz, 720p 50/60Hz, 1080i 50/60Hz, 1080p 24/25/30/50/60Hz, 2160p 24/25/30/50/60Hz
Interface	PC (D-Sub): x 1 HDMI: x 2 (**HDMI 1**:HDMI 2.0 & HDCP 2.2 **HDMI 2**:HDMI 1.4a & HDCP 1.4) USB (Type mini B) x 1 (Service) LAN x 1 RS232 x 1 DC 12V Trigger x 2 IR Receiver x 2 (Front & Back) IR in x 1
Dimensions (L x W x H)	470.7 x 224.9 x 564.7 mm
Weight	18.5 kg
Power Supply	AC100 to 240V, 50 to 60 Hz
Power Consumption	Normal 530W, Eco 290W, Network Standby <3W Standby <0.5W
Audible Noise	31/23 dBA (under Silence mode)
Languages	English/ Spanish/ French (28 Languages)
Picture Mode	*** **ISF Disabled:** Bright / Vivid / Cinema/ DCI-P3/ Game/ User 1/ User 2 **** **ISF Enabled:** Bright / Vivid / Cinema/ DCI-P3/ Game/ User 1/ User 2 / ISF Night / ISF Day
Accessories (Standard)	Lens Cover, Remote Control with Battery, Power Cord (by region), User Manual CD, Quick Start Guide, Warranty Card
Accessories (Optional)	Spare Lamp Kit, Ceiling Mount, Anamorphic lens

* ColorSpark is a trademark of Philips Lighting Holding B.V. ** Lamp life results will vary depending on environmental conditions and usage. Actual product's features and specifications are subject to change without notice. *** Default picture mode is DCI-P3. **** When ISF is enable, default picture mode is ISF Night.

4K ULTRA HD · ColorSpark · CinematicColor DCI - P3 · CinemaMaster Video+ · SmartEco

Dealer's Stamp

BenQ

Because it matters

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