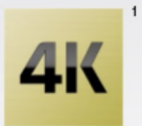


# Epson QL7000 4K HDR High-Lumen 3LCD Laser Projector

Projectors

4K High-Lumen Projection



## Reimagine Projection.

**Stunning Picture Quality** — 4K Display Technology<sup>1</sup> with HDR10<sup>2</sup> produces a full 8.29 million pixels on-screen for an exceptionally clear 4K UHD experience

**Immersive Big Screen Entertainment** — Up to 10,000 lumens<sup>3</sup> of color brightness (IDMS Rated)<sup>4</sup> and up to 10,000 lumens<sup>3</sup> of white brightness (ISO Rated)<sup>4</sup> produce an immersive picture up to 300" in a variety of lighting environments

**Exceptional Color Brightness** — True 3-chip 3LCD and Double Micro-Lens Array technologies deliver exceptionally bright color, significantly improving the performance of HDR10<sup>2</sup> content

**Impressive HDR** — Full 10-bit HDR color processing accepts 100% of the HDR source information to faithfully reproduce HDR, HDR10<sup>2</sup> and HLG (Hybrid Log Gamma) content for an exceptional visual performance. Dynamic Tone Mapping automatically adjusts to the optimal HDR level according to the scene

**Powerful Picture Processing** — Proprietary 32-bit QZX Picture Processor handles real-time color, contrast, frame interpolation and dynamic tone mapping to faithfully reproduce content with exceptional picture detail and black contrast

**Flexible Lens Options** — Compatible with a wide range of powered Epson Precision Lenses, including short and long throw options, to maximize installation flexibility

**High Frame Rate Support** — Supports gaming up to 4K HDR at 120 Hz; Auto Low Latency Mode helps minimize input lag and advanced frame interpolation optimizes content below 120 Hz

**Enhanced Connectivity** — Dual 40 Gbps HDMI<sup>®</sup> 2.1 ports support up to 120 Hz at 4:2:2 in 8-, 10- and 12-bit color modes, including 10- and 12-bit "Deep Color" signals

**Smart Home Control** — Easily integrates into home automation and remote monitoring systems, including Control4<sup>®</sup> and Crestron<sup>®</sup> control systems

**Outstanding Service & Support** — Includes a 3-year limited warranty with full-unit replacement and free technical phone support for the life of the product

**ISF<sup>®</sup> Certified** — The Imaging Science Foundation has been setting standards for the display industry since 1994 and has been dedicated to improving the quality of electronic imaging. Epson shares this passion for image quality and has developed technologies to allow an ISF Certified Technician to professionally calibrate the Epson QL7000 projector to the highest level of image quality



### Specifications

**Projection System** Epson 3LCD  
**Chip Design (Architecture)** 3-chip  
**Light Source** True Laser Diode Array  
**Projection Method** Front, Front-Ceiling, Rear, Rear-Ceiling  
**Product Color** Black or White  
**Driving Method** Poly-Silicon TFT Active Matrix, 1.04" wide panel with Double Micro-Lens Array, 12-bit  
**Output Resolution** 4K Display Technology<sup>1</sup> 3840 x 2160 (dual-axis: 1920 x 1080)  
**Maximum Input Resolution** 4096 x 2160  
**Maximum Refresh Rate** 120 Hz  
**Supported Resolutions** 4K 2160p, 2K Full HD 1080p/i, HD 720p, 576p/i, 480p/i  
**Native Aspect Ratio** 16:9 widescreen  
**Resize Aspect Ratio Support** 1.9:1 (4096 x 2160), 21:9 (2560 x 1080), 4:3 (1600 x 1200), 9:6 (720 x 480), 5:4 (720 x 576); compatible with Normal, Full or Zoom Modes  
**Color Brightness**<sup>4</sup> 10,000 lumens (IDMS Rated)  
**White Brightness**<sup>4</sup> 10,000 lumens (ISO Rated)  
**Contrast Ratio** Up to and over 5,000,000:1, with Dynamic Contrast in Normal or High Speed setting  
**White Balance** Color temp is between 3,200K ~ 10,000K  
**Color Reproduction** Full-color (up to 1.07 billion colors)  
**Size (Projected Distance)** 60" to 300", based on attached Epson High Precision Lens  
**Keystone Correction** Vertical/Horizontal: ± 30 degrees  
**HDR Color Processing** Full 10-bit  
**Epson QZx Picture Processor** Full 12-bit  
**Light Source Life**<sup>5</sup>  
 Normal Mode: Up to 20,000 hours  
 Medium Mode: Up to 20,000 hours  
 Eco Mode: Up to 20,000 hours

### Standard Projection Lens (Sold Separately)

Visit [www.epson.com](http://www.epson.com) for information on optional lenses.

**Standard Lens** ELPLM15 (sold separately)

**Type** Powered shift/focus/zoom

**F-Number** 1.8 – 2.3

**Focal Length** 36.0 mm – 57.4 mm

**Zoom Ratio** Optical Zoom: 1.0 – 1.6

**Throw Ratio Range** 1.52 – 2.47

**Lens Shift**

Vertical: -64 % to +64 %

Horizontal: -16 % to +16 %

### Interfaces

2x HDMI® 2.1 (HDCP 2.3)  
 2x USB Type-A for Content Playback, firmware update and power  
 5 V/2 A, 5 V/0.9 A max power supply only  
 1x USB Type-B (firmware, service)  
 1x LAN RJ45 (control only)  
 1x RS-232c (DB-9)  
 1x 3.5 mm stereo mini audio jack



### Other Features

**Dynamic Range Support** HDR10, HLG  
**HDR<sup>2</sup> Adjustment** 16 steps, real-time  
**Color Modes** Dynamic, Vivid, Cinema, Natural  
**Aspect Adjustment** Yes (Auto/Full/Zoom/Anamorphic Wide/Horizontal Squeeze)  
**Anamorphic Lens Option** Compatible with third-party options; Anamorphic Lens Kit sold separately  
**Frame Interpolation** Input up to 4K at 60 Hz, output up to 4K at 120 Hz  
**Operating Temperature** 41 °F to 95 °F (5 °C to 35 °C)  
**Power Supply Voltage** 100 – 240 V AC ± 10%, 50/60 Hz  
**Power Consumption**  
 Normal Mode: 636 W  
 Quiet/Extended Mode: 328 W  
 Network Standby: 2.0 W  
 Energy Saving: 0.5 W  
**Fan Noise**  
 Normal Mode: 33 db  
 Quiet Mode: 26 db  
**Security** Kensington® security lock port

### Dimensions (W x D x H)

**Projector, Including Feet**  
 22.4" x 22.4" x 7.5"  
 Weight: 46.5 lb  
 Packaging: 33.7" x 27.2" x 14.1"  
 Weight: 64.59 lb

### Remote Control

**Features** Front, Ceiling, Rear Front and Ceiling  
**Operating Distance** 32 ft (10 m)

### Remote Control (continued)

**Operating Angle**  
 Front Right/Left: ± 60 degrees  
 Upper/Lower: +30 to -20 degrees  
 Rear Right/Left: ± 30 degrees  
 Upper/Lower: +50 to +10 degrees

### Support

**Epson Connection<sup>SM</sup>**  
 Pre-Sales Support: U.S.: 800-463-7766, Canada: 800-807-7766  
 Website: U.S.: [www.epson.com](http://www.epson.com), Canada: [www.epson.ca](http://www.epson.ca)  
**Limited Warranty** 3-year limited warranty in U.S. and Canada  
**Service Programs** Extra Care<sup>SM</sup> Home Service Program, Private Line<sup>®</sup> dedicated support (U.S. and Canada only)

### What's Included

QL7000 projector, top cover, cable cover, power cord, remote control with (2) AA batteries, Quick Setup Guide

### Eco Features

RoHS compliant  
 End-of-life options available<sup>6</sup>  
 Epson America, Inc. is a SmartWay<sup>®</sup> Transport Partner<sup>7</sup>

### Ordering Information

QL7000B Projector Black	V11HB46820
QL7000W Projector White	V11HB46920
Air Filter (ELPAF46)	V13H134A46
Ultra Short Throw Lens (ELPLX02S)	V12H004X0B
Middle Throw #2 Zoom Lens (ELPLM15)	V12H004M0F
Middle Throw #3 Zoom Lens (ELPLM10)	V12H004M0A
Middle Throw #4 Zoom Lens (ELPLM11)	V12H004M0B

### Color Space (YCbCr)

Resolution	Refresh Rate (Hz)	4:2:0			4:2:2			4:4:4		
		8-bit	10-bit	12-bit	8-bit	10-bit	12-bit	8-bit	10-bit	12-bit
3840 x 2160	30	Signal does not exist			SDR	HDR*	HDR*	SDR	HDR*	HDR*
3840 x 2160	60	SDR	HDR*	HDR*	SDR	HDR*	HDR*	SDR	HDR*	HDR*
3840 x 2160	120	SDR	HDR*	HDR*	SDR	HDR*	HDR*	SDR	HDR*	-

\* HDR: Support for HDR10 and HLG. For more information, visit [epson.com/hdrcompatibility](http://epson.com/hdrcompatibility)

1 4K resolution enhancement technology shifts each pixel to produce an image on screen, up to the stated specification. | 2 HDR performance available with select third-party devices. For more information, see [www.epson.com/hdrcompatibility](http://www.epson.com/hdrcompatibility) | 3 Lumen values vary depending on lens installed. | 4 Color brightness (color light output) and white brightness (white light output) will vary depending on usage conditions. Color light output measured in accordance with IDMS 15.4; white light output measured in accordance with ISO 21118. | 5 No required maintenance for the light source for up to 20,000 hours. Approximate time until brightness decreases 50% from first usage. Measured by acceleration test assuming use of 0.04 - 0.20 mg/m<sup>3</sup> of particulate matter. Time varies depending on usage conditions and environment. Replacement of parts other than the light source may be required in a shorter period. | 6 For convenient and reasonable recycling options, visit [www.epson.com/recycle](http://www.epson.com/recycle) | 7 SmartWay is an innovative partnership of the U.S. Environmental Protection Agency that reduces greenhouse gases and other air pollutants and improves fuel efficiency.



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### Contact:

