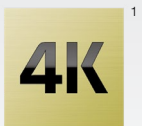


Epson QL7000 4K HDR High-Lumen 3LCD Laser Projector

Projectors

4K High-Lumen Projection



Reimagine Projection.

Stunning Picture Quality — 4K Display Technology¹ with HDR10² produces a full 8.29 million pixels on-screen for an exceptionally clear 4K UHD experience

Immersive Big Screen Entertainment — Up to 10,000 lumens³ of color brightness (IDMS Rated)⁴ and up to 10,000 lumens³ of white brightness (ISO Rated)⁴ 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 HDR10² content

Impressive HDR — Full 10-bit HDR color processing accepts 100% of the HDR source information to faithfully reproduce HDR, HDR10² 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[®] 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[®] and Crestron[®] 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[®] 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 Technology¹ 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 Brightness⁴ 10,000 lumens (IDMS Rated)
White Brightness⁴ 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 Life⁵
 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 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
HDR² 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
 22.8" x 7.5" x 22.4"
 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 ConnectionSM

Pre-Sales Support: U.S.: 800-463-7766, Canada: 800-807-7766
 Website: U.S.: www.epson.com, Canada: www.epson.ca

Limited Warranty 3-year limited warranty in U.S. and Canada

Service Programs Extra CareSM Home Service Program, Private LineSM 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 available⁶

Epson America, Inc. is a SmartWay[®] Transport Partner⁷

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

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 | 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/m³ 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 | 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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