

PowerLite® E20 3LCD Projector



Projectors

Education

Create engaging learning environments with this ultra bright, 3LCD projector.

3-chip 3LCD technology for Best-in-Class Color Brightness¹ — 3,400 lumens of color and white brightness²

Native XGA resolution and 4:3 performance — for vibrant, colorful images

Low-priced, long-lasting lamp — up to 12,000 hours in ECO Mode³

Easy setup and positioning flexibility — 1.0 – 1.35x digital zoom, ± 30 degrees horizontal and vertical keystone correction and horizontal keystone slider

HDMI® connectivity — get HD quality video and audio with a single cable

Built-in 5 W speaker — for engaging projector displays

Screen size up to 350" — with Split Screen⁴ capability for side-by-side viewing



Specifications

Projection System 3LCD, 3-chip technology
Projection Method Front/rear/ceiling mount
Driving Method Poly-silicon TFT Active Matrix
Pixel Number 786,432 dots (1024 x 768) x 3
Color Brightness² Color Light Output: 3,400 lumens
White Brightness² White Light Output: 3,400 lumens
Aspect Ratio 4:3
Native Resolution 1024 x 768 (XGA)
Resize 1280 x 800 (WXGA), 1280 x 960 (SXGA2), 1280 x 1024 (SXGA3) 1366 x 768 (WXGA60-3), 1400 x 1050 (SXGA+), 1440 x 900 (WXGA+)
Lamp Type 210 W UHE
Lamp Life³
 ECO Mode: Up to 12,000 hours
 Normal Mode: Up to 6,000 hours
Throw Ratio Range 1.44 (Zoom: Wide), 1.95 (Zoom: Tele)
Size (Projected Distance) 30" to 350" (0.87 to 10.34 m) (Zoom: Wide)
Keystone Correction
 Vertical: ± 30 degrees (Automatic)
 Horizontal: ± 30 degrees (Slider)
USB Plug 'n Play Projector is compatible with PC and Mac[®] computers
Contrast Ratio Up to 15,000:1
Color Reproduction Up to 1.07 billion colors

Projection Lens

Type Manual focus
F-number 1.44
Focal Length 16.7 mm
Zoom Ratio Digital zoom 1.0 – 1.35

Other

Display Performance NTSC: 480 lines, PAL: 576 lines (depends on observation of the multi-burst pattern)
Input Signal NTSC/NTSC4.43/PAL/M-PAL/N-PAL/PAL60/SECAM
Speaker 5 W (mono)
Operating Temperature 41 ° to 95 °F (5 ° to 35 °C) high altitude, 41 ° to 104 °F (5 ° to 40 °C) low altitude
Power Supply Voltage 100 – 240 V AC ±10%, 50/60 Hz
Power Consumption
 ECO Mode: 235 W
 Normal Mode: 345 W
 Standby: Max 2.0 W
Fan Noise
 ECO Mode: 28 dB
 Normal Mode: 37 dB
Security Kensington-style lock provision, padlock and security anchor bar

Interfaces

1x USB-B
 1x HDMI
 2x Computer/Component
 1x Video
 1x RS-232c
 1x Monitor Out
 Audio 1 & 2
 Audio R & L
 1x Audio Out



Dimensions (W x D x H)

Including Feet 11.8" x 9.8" x 3.6"
Excluding Feet 11.8" x 9.8" x 3.4"
Weight 5.95 lb (2.7 kg)

Remote Control

Features A/V Mute, Freeze, Split, Aspect, Color Mode, Auto, MHL Menu, Volume
Operating Angle
 Right/left: ± 30 degrees
 Upper/lower: ± 15 degrees
Operating Distance 19.7' (6 m)

Eco Features

RoHS compliant
 Recyclable product⁵
 Epson America, Inc. is a SmartWay[®] Transport Partner⁶

Support

Epson ConnectionSM
 Pre-sales support (U.S. and Canada): 800-463-7766
 Internet website: www.epson.com
Service Programs 2-year projector limited warranty, Epson Road Service program, PrivateLine[®] dedicated toll-free support and 90-day lamp limited warranty

What's in the Box

PowerLite E20 projector, power cord, computer cable (VGA), projector remote control, batteries, software CD, Quick Setup Sheet, warranty card

Ordering Information

PowerLite E20 Projector	V11H981020
Genuine Epson Lamp (ELPLP97)	V13H010L97
Replacement Air Filter (ELPAF32)	V13H134A32
Soft Carrying Case (ELPKS70)	V12H001K70
DC-13 Document Camera	V12H757020
DC-21 Document Camera	V12H758020

1 Color brightness measured per IDMS 15.4. Additional colors and picture modes tested. Top-selling Epson 3LCD projectors vs. comparable top-selling 1-chip DLP projectors based on NPD sales data for May 2017 – April 2018. COLOR BRIGHTNESS WILL VARY BASED ON USAGE CONDITIONS. | 2 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. | 3 Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time. | 4 Split Screen feature requires remote control. Consult your user manual for input combinations. | 5 For convenient and reasonable recycling options, visit www.epson.com/recycle | 6 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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