EPSON®

PowerLite® 775F

1080p 3LCD Ultra Short Throw
Lamp-Free Laser Display

The bold, bright, flexible display solution for impactful digital signage.

Best-in-Class Color Brightness[1] with 3-chip 3LCD technology — 4,100 lumens of color and white brightness[2]

Incredible image quality — Full HD 1080p resolution for amazing clarity and readability

No lamps to replace ever — solid-state, 30,000-hour (ECO mode), virtually maintenance-free laser light source[3]

Easily programmable with the built-in media player — which includes templates, effects, color filters and customizable options; playlist and playback functions allow for seamless content management for single or multiple PowerLite projectors

Built-in wireless networking with enterprise-level security — additionally, you can connect with Miracast®, which supports software-free, peer-to-peer wireless connectivity

Easily project wall-sized images — built-in edge blending and split screen[4] features for easy, scalable projection

Convenient ultra short throw design — displays large, true-to-life images up to 150" from less than two feet away

Simple, flexible installation — 360-degree placement capabilities; mount or place the projector in any position, from landscape to portrait

Easy access and maintenance — with remote management and control tools

Flexible display — 16:9 display with additional support for ultra wide 16:6 and 21:9 format makes the display ideal for large, multi-device, split screen images[4]

www.epson.com/education
www.epson.com/digitalsignage

Specifications

Projection System RGB liquid crystal shutter projection system

Driving Method Poly-Silicon TFT Active Matrix

Pixel Number 2,073,600 dots (1920 x 1080) x 3

Color Brightness² Color Light Output: 4,100 lumens

White Brightness² White Light Output: 4,100 lumens

Aspect Ratio 16:9 (native); 16:6, 4:3, 16:10, 21:9

Image Size (Projection Distance)

Without Mount:
49" – 123" (12.8" – 35.2") 4:3
60" – 150" (12.8" – 35.2") 16:9
55" – 139" (12.8" – 35.2") 16:10
56" – 140" (12.8" – 35.2") 16:6
57" – 142.5" (12.8" – 35.2") 21:9

With ELPMB62 Mount:
58" – 117" (15.5" – 33.6") 4:3
71" – 143" (15.5" – 33.6") 16:9
65" – 132" (15.5" – 33.6") 16:10
66" – 133" (15.5" – 33.6") 16:6
67" – 135" (15.5" – 33.6") 21:9

Display Resolution 1080p (1920 x 1080)

Light Source Laser Diode

Laser Light Source Life³
Normal Mode: Up to 20,000 hours
Extended Mode: Up to 30,000 hours

Throw Ratio Range 0.25 (Zoom: Wide), 0.35 (Zoom: Tele)

Size (Projected Distance)
60" – 150" [12.8" – 35.2"] (Zoom: Wide) 16:9
56" – 140" [12.8" – 35.2"] (Zoom: Tele) 16:6

Keystone Correction Manual Vertical: ±3 degrees;
Horizontal: ±3 degrees

Dynamic Contrast Ratio Over 2,500,000:1

Color Reproduction Up to 1.07 billion colors

Foot Adjuster
Vertical: -0.8 to +0.8 degrees
Horizontal: -0.8 to +0.8 degrees

Modes
Dynamic, Presentation, Cinema, sRGB, DICOM SIM, Multi-Projection

Projection Lens

Type Digital zoom, Focus (manual)

F-Number 1.6

Focal Length 3.7 mm

Zoom Ratio 1.00 – 1.35 (digital zoom)

Software

In addition to compatibility with Epson's standard suite of software, this product has a direct playback function via USB.
Works with:
- Epson® Projector Content Manager Software (visit our support pages for the latest version)
- Epson Creative Projection App⁵

Interfaces

3x HDMI®
1x Analog VGA 15-Pin (in)
1x RCA Composite
1x Analog VGA 15-Pin (input/monitor out)
3x Stereo Mini In
1x Stereo Mini Out
1x RS-232C Control Port
1x USB Type-A (powered 5 V, 2 A)
1x USB Type-A for Wireless Adapter
2x USB Type-B (USB display with audio)
1x Wired LAN RJ-45
Wireless Support for Built-In WLAN Adapter: Wireless 802.11 b/g/n/ac
IEEE 802.11 b (2.4 GHz): 11 Mbps*
IEEE 802.11 g (2.4 GHz): 54 Mbps*
IEEE 802.11 n (2.4 GHz): 72.2 Mbps*
IEEE 802.11 a (5 GHz): 54 Mbps*
IEEE 802.11 n (5 GHz): 150 Mbps*
IEEE 802.11 ac (5 GHz): 325 Mbps*

Other

Speaker
16 W monaural

Operating Temperature 32 °F to 104 °F (0 °C to 40 °C) (20% – 80% humidity, no condensation)

Power Supply Voltage 100 V – 240 V AC ±10%, 50/60 Hz

Power Consumption
Normal Mode: 277 W
Quiet Mode: 214 W, Quiet Mode Extended: 208 W
Standby Mode: 2.0 W
Energy-Saving Mode: 0.5 W

Fan Noise
Normal Mode: 37 dB
Quiet Mode: 27 dB

Security Enterprise-Level Security Encryption

Country of Origin China

Dimensions (W x D x H)

Projector (Including Feet) 14.1" x 6.4" x 15.6"

Weight 12.5 lb

Remote Control

Features Source Search, HDMI, Computer, USB, LAN, ID, Default, User, E-Zoom, Color Mode, Aspect, A/V Mute, Split, Freeze, Home, Auto, ESC, Menu, Volume, User, Right, Left, Up, Down Arrows

Operating Angle
Front: Right/Left: -30 to +30 degrees
Upper/Lower: 0 to +60 degrees
Rear: Right/Left: -55 to +55 degrees
Upper/Lower: +75 to +15 degrees

Operating Distance 20 ft (6 m)

*These modes and actual data throughputs depend on supported wireless mode of source devices and/or environmental conditions.

Eco Features

RoHS compliant
End-of-life options available⁶
Epson America, Inc. is a SmartWay® Transport Partner⁷

Limited Warranty and Service

Warranty Three-year limited or 20,000 hours, whichever comes first, in the U.S. and Canada

Service Whole unit exchange, usually Next-Business-Day⁸
Toll-free telephone support, Monday through Friday

Epson Connection℠
Pre-Sales Support (U.S. and Canada): 800-463-7766
Website: www.epson.com

Epson Preferred℠ Plus Extended Service Plan⁹

1-Year Next-Business-Day Whole Unit Exchange⁸   EPPEXPF1
2-Year Next-Business-Day Whole Unit Exchange⁸   EPPEXPF2
(available for up to a total of 5 years of continuous coverage)

What's Included

PowerLite 775F, Quick Setup Guide, projector remote control, 2x AA batteries, 6' power cord, projector feet

Ordering Information

PowerLite 775F	V11HA83120
Ultra Short Throw Wall Mount (white)	V12HA06A05
Wireless LAN Adapter (ELPAP11)	V12H005A02
Air Filter	V13H134A60

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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 October 2019 – September 2020. 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 No required maintenance for the light source for up to 30,000 hours (Extended Mode) or 20,000 hours (Normal Mode). 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. | 4 Consult your user manual for split screen input combinations. | 5 Internet connection required for download. Data usage fee may apply. | 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. | 8 Expedited shipping not available in all areas. Orders must be placed and processed by 1 p.m. Pacific Time, Monday through Friday, excluding holidays. See limited warranty or service plan for details. | 9 Product comes with a 3-year limited warranty with the option to purchase Extended Service Plans up to a total of 5 years of continuous coverage. Extended Service Plan can be purchased at any time that you are covered under an Epson limited warranty or Epson Extended Service Plan. See individual service plan for details.

Learn more about how our products can empower your institution. Visit us at **www.epson.com/digitalsignage**

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