

PowerLite® 3LCD Projectors for SMART Board® Interactive Whiteboards

Projectors

Education

PowerLite 580

XGA resolution
For SMART Board M680 and 880
77" maximum image size

PowerLite 585W

WXGA resolution
For SMART Board M685 and 885
87" maximum image size



PowerLite 585W for SMART shown

SMART Board-compatible ultra short-throw projectors for the BYOD classroom.

Specially designed to work with SMART Board interactive whiteboards —

Easily connect and control your projector via the SMART Extended Control Panel (ECP)¹

Compatible with SMART Notebook® collaborative learning software and SMART Ink® tools

Large, engaging presentations, even in small spaces — ultra short throw distance saves space; minimal shadows and glare

Far more accurate color with Epson® — 3LCD, 3-chip technology for 3x Higher Color Brightness² and up to 3x Wider Color Gamut³ than competitive DLP projectors

Look for two numbers:

3200 to 3300 lumens⁴ Color Brightness for more accurate, vivid color

3200 to 3300 lumens⁴ White Brightness for well-lit rooms

Incredible image quality — available in native XGA and WXGA resolution

Convenient collaboration for BYOD classrooms — wirelessly share⁵ and compare students' work from multiple devices, simultaneously, with Moderator device management software⁶

Manage projectors and present remotely — easy network connectivity; software included



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Note: Projected image simulated.

SMART Board-compatible projectors for the BYOD classroom.

Specially designed to work with SMART Board interactive whiteboards⁷, these bright, short-throw projectors offer the perfect choice for classroom collaboration. Featuring convenient wireless performance (wireless module sold separately) and long-lasting lamps, they provide the ease of use teachers want, plus the low total cost of ownership they need.

	PowerLite 530 for SMART V11H673320	PowerLite 580 for SMART V11H604320	PowerLite 585W for SMART V11H602320
Color Brightness ⁴	3200 lumens	3200 lumens	3300 lumens
White Brightness ⁴	3200 lumens	3200 lumens	3300 lumens
Resolution	XGA	XGA	WXGA
Throw Ratio	0.55, short throw	0.31, ultra short throw	0.27, ultra short throw

Projector replacements for existing SMART Board interactive whiteboards ¹				
	Short throw	Ultra short throw		
SMART Board interactive whiteboards	PowerLite 530 for SMART V11H673320	PowerLite 580 for SMART V11H604320	PowerLite 585W for SMART V11H602320	SMART Cable Adapter Kit (sold separately)
SBM680 (77")	●	●		●
SBM685 (87")			●	●
SB880 (77")	●	●		●
SB885 (87")			●	●
Replaces SMART models	UF70, UF75, UF65, U100	UF70, UF75, UF65, U100	UF70w, UF75w, UF65w, U100w, UX60, UX80	
Epson projector mount	Epson wall mount (ELPMB45); or adapter plate for SMART Mount arm is available (CHF#WBAUF1)	Epson wall mount included with projector	Epson wall mount included with projector	

Epson projectors for new SMART Board all-in-one interactive whiteboard systems [*]			
	Short throw	Ultra short throw	
SMART Board interactive whiteboards	PowerLite 530 for SMART V11H673320	PowerLite 580 for SMART V11H604320	PowerLite 585W for SMART V11H602320
SBM680E (77")	●	●	
SBM685E (87")			●
SB880E (77")	●	●	
SB885E (87")			●

^{*}SMART Board not included. SMART Boards are available through authorized SMART resellers and distributors.

Specially designed for SMART



Compatible with SMART Board interactive whiteboards.

Specifically designed to work with SMART Board interactive whiteboards⁷, these projectors support the SMART Extended Control Panel (ECP)¹, which means you can control projector power, volume and input selections from your board. When bundled with a compatible SMART Board (sold separately), this integrated solution offers SMART Notebook collaborative learning software, plus SMART Ink tools, which allow teachers to create engaging and interactive learning experiences. Make learning fun with SMART Notebook's subject-specific functionality, easy integration with mobile devices, and thousands of pieces of pre-created content.



Amazing image quality



Voted #1 in Image Quality⁸.

Epson 3LCD projectors display far more accurate color than DLP projectors. For more accurate color, you need both high color brightness (color light output) and a wide range of color (color gamut).

Color brightness is the number of lumens displayed when projecting color. Traditional lumens specifications only measure white brightness, so look for two separate brightness measurements.

Color gamut is the range of colors a projector is capable of reproducing. When the color gamut of a projector is small, colors will be displayed far less accurately.

Epson 3LCD projectors have 3x Higher Color Brightness² and up to 3x Wider Color Gamut³ than DLP projectors.

Specifications

Projection System 3LCD, 3-chip technology
Projection Method Front/rear wall mount
Driving Method Poly-silicon TFT Active Matrix
Pixel Number
 580: 786,432 dots (1024 x 768) x 3
 585W: 1,024,000 dots (1280 x 800) x 3
Color Brightness⁴ Color Light Output
 580: 3200 lumens
 585W: 3300 lumens
White Brightness⁴ White Light Output
 580: 3200 lumens
 585W: 3300 lumens
Aspect Ratio
 580: 4:3
 585W: 16:10
Native Resolution
 580: 1024 x 768 (XGA)
 585W: 1280 x 800 (WXGA)

Resize

640 x 580 (VGA), 800 x 600 (SVGA), 1024 x 768 (XGA/585W only), 1152 x 864 (SXGA), 1280 x 800 (WXGA/580 only), 1280 x 960 (SXGA2), 1280 x 1024 (SXGA3), 1280 x 768 (WXGA 60-1/580 only), 1360 x 768 (WXGA 60-2), 1440 x 900 (WXGA+), 1400 x 1050 (SXGA+), 1600 x 900 (WXGA++)

Lamp Type 245 W UHE

Lamp Life⁹

Up to 6000 hours (ECO Mode)
 Up to 4000 hours (Normal Mode)

Throw Ratio Range

580: 0.31 – 0.42
 585W: 0.27 – 0.37

Size (projected distance)

580: 55.9" to 93.2" (0.348 to 0.597 m)
 585W: 60" to 100" (0.348 to 0.597 m)

Keystone Correction Manual Vertical ± 3 degrees

Keystone Correction Manual Horizontal ± 3 degrees

Mac[®] Connectivity

Projector is Mac compatible via USB, DVI to HDMI[®] or VGA adapter (not included), DP to HDMI or VGA

Contrast Ratio Up to 10,000:1

Color Reproduction Up to 1.07 billion colors

Projection Lens

Type No optical zoom/Manual focus

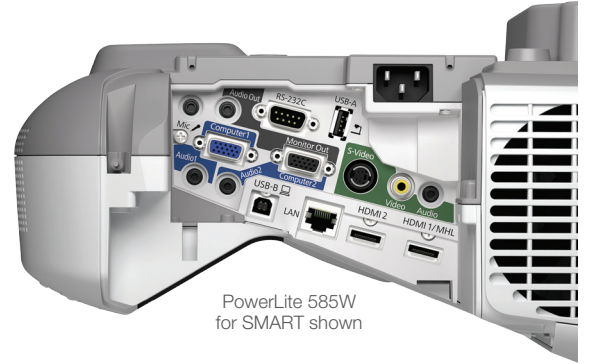
F-number 1.80

Focal Length 3.71 mm

Zoom Ratio Digital zoom 1.0 – 1.35

Interfaces

Computer/component video: D-sub 15 pin x 2
 S-video: Mini DIN x 1
 Composite video: RCA (Yellow) x 1
 Audio in: RCA x 1 (L and R), Mini stereo x 2
 USB (Type B) connector x 1 (USB display, audio and mouse control)
 USB (Type A) connector x 1 (USB memory/document camera)
 HDMI x 2 (1 MHL[®])
 RJ-45 x 1
 Serial: RS-232c x 1
 Monitor out: D-sub 15 pin x 1
 Audio out: Mini stereo x 1
 Microphone: Mini stereo x 1
 Wireless LAN port: 802.11 b/g/n (optional – module sold separately)



PowerLite 585W for SMART shown

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 16 W (mono)

Operating Temperature 41 ° to 95 °F (5 ° to 35 °C)

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

Power Consumption

376 W (Normal Mode), 280 W (ECO Mode)

4.3 W Standby (Communication On)

0.33 W Standby (Communication Off)

Fan Noise

35 dB (Normal Mode)

28 dB (ECO Mode)

Security Kensington[®]-style lock provision, padlock and security cable hole, password protect function

Dimensions (W x D x H)

Including Feet 14.4" x 14.8" x 7.6"

Excluding Feet 14.4" x 14.8" x 6.1"

Weight 11.7 lb

Remote Control

Features Source search, video, LAN, computer, USB, power, aspect, color mode, volume, e-zoom, A/V Mute, freeze, menu, page up and down, help, auto, mouse functions, user, esc

Operating Distance Front/rear: 19.7 ft (6 m)

Eco Features

RoHS compliant

Recyclable product¹⁰

Epson America, Inc. is a SmartWay[®] Transport Partner¹¹

Support

The Epson ConnectionSM

Pre-sales support: U.S. and Canada 800-463-7766
www.epson.com

Service Programs

Two-year projector limited warranty, Epson Road Service program, PrivateLine[®] dedicated toll-free support and 90-day limited lamp warranty

What's in the Box

PowerLite 580 or 585W projector for SMART, wall mount, 15' power cord, 16' computer cable (VGA), projector remote control, batteries, user manual CD, projector software CDs, Quick Setup Sheet, installation guide, template sheet, null modem serial cable

Ordering Information

PowerLite 580 for SMART	V11H604320
PowerLite 585W for SMART	V11H602320
Genuine Epson lamp 580/585W	V13H010L80
Replacement air filter	V13H134A40
PowerLite Pilot [™] 2 (ELPCB02)	V12H614020
Active speakers (ELPSP02)	V12H467020
Wireless 802.11 b/g/n LAN unit (ELPAP07)	V12H418P12
Quick wireless connection USB key (ELPAP08)	V12H005M08
Epson DC-06 document camera (ELPDC06)	V12H321005
Epson DC-12 document camera (ELPDC12)	V12H594020
Epson DC-21 document camera (ELPDC21)	V12H758020

1 Existing SMART Board M680, 880, M685 and 885 installations require the SMART Cable Adapter Kit. | 2 Color brightness (color light output) measured in accordance with IDMS 15.4. Color brightness will vary depending on usage conditions. The projectors used by a third-party lab for measuring color brightness were leading Epson 3LCD business and education projectors and leading 1-chip DLP projectors, based on NPD sales data for June 2013 through May 2014 and PMA Research sales data for Q1 through Q3 2013. | 3 Gamut volume of leading Epson business and education projectors compared to leading 1-chip DLP projectors, based on NPD data for June 2013 through May 2014. Volume is measured in 3D in the CIE L*a*b* coordinate space. | 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 Check your owner's manual to determine if a wireless LAN module must be purchased separately to enable wireless connection on your Epson projector. Epson projectors can be networked either through the Ethernet port on the projector (check model specifications for availability) or via a wireless connection. Not all Epson projectors are able to be networked. Availability varies depending on model. | 6 Moderator feature is part of EasyMP[®] Multi-PC Projection software. | 7 The PowerLite 530 for SMART and PowerLite 580 for SMART are compatible with SMART Board M680 and 880 interactive whiteboards and the PowerLite 585W for SMART is compatible with SMART Board M685 and 885 interactive whiteboards. | 8 Based on TFCinfo: US Projector Brand Customer Perception and Preference Study, Multimedia Projectors 2015. | 9 Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time. | 10 For convenient and reasonable recycling options, visit www.epson.com/recycle | 11 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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