

# PowerLite<sup>®</sup> 530 XGA 3LCD Projector for SMART Board<sup>®</sup> Interactive Whiteboards

## XGA resolution

For SMART Board M680 and 880  
77" maximum image size



## The short-throw XGA projector for SMART Board interactive whiteboards.

### **Specially designed to work with SMART Board interactive whiteboards —**

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

Compatible with SMART Notebook<sup>®</sup> collaborative learning software and SMART Ink<sup>®</sup> tools

**Large, engaging presentations, even in small spaces** — short throw distance saves space; project a 77" image with minimal shadows and glare

**Far more accurate color with Epson<sup>®</sup>** — 3LCD, 3-chip technology for 3x Higher Color Brightness<sup>2</sup> and up to 3x Wider Color Gamut<sup>3</sup> than competitive DLP projectors

### **Look for two numbers:**

3200 lumens<sup>4</sup> Color Brightness for more accurate, vivid color

3200 lumens<sup>4</sup> White Brightness for well-lit rooms

**Incredible image quality** — native XGA resolution and 4:3 format

**Long-lasting, low-cost lamps** — up to 10,000 hours in ECO Mode<sup>5</sup>





Note: Projected image simulated.

## SMART Board-compatible projectors for the BYOD classroom.

Specially designed to work with SMART Board interactive whiteboards<sup>6</sup>, 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
<b>Color Brightness<sup>4</sup></b>	3200 lumens	3200 lumens	3300 lumens
<b>White Brightness<sup>4</sup></b>	3200 lumens	3200 lumens	3300 lumens
<b>Resolution</b>	XGA	XGA	WXGA
<b>Throw Ratio</b>	0.55, short throw	0.31, ultra short throw	0.27, ultra short throw

Projector replacements for existing SMART Board interactive whiteboards <sup>1</sup>				
	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 <sup>*</sup>			
	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")			●

<sup>\*</sup>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 whiteboards<sup>6</sup>, this projector supports the SMART Extended Control Panel (ECP)<sup>1</sup>, 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 Quality<sup>7</sup>.

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 Brightness<sup>2</sup> and up to 3x Wider Color Gamut<sup>3</sup> than DLP projectors.

**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 Brightness<sup>4</sup>** Color Light Output: 3200 lumens  
**White Brightness<sup>4</sup>** White Light Output: 3200 lumens  
**Aspect Ratio** 4:3  
**Native Resolution** 1024 x 768 (XGA)  
**Resize**  
 640 x 480 (VGA), 800 x 600 (SVGA),  
 1152 x 864 (SXGA), 1280 x 800 (WXGA), 1280 x 960  
 (SXGA2), 1280 x 1024 (SXGA3), 1280 x 768 (WXGA 60-1),  
 1360 x 768 (WXGA 60-2), 1440 x 900 (WXGA+),  
 1400 x 1050 (SXGA+), 1600 x 1200 (UXGA)  
**Lamp Type** 215 W UHE  
**Lamp Life<sup>5</sup>**  
 Up to 10,000 hours (ECO Mode)  
 Up to 5000 hours (Normal Mode)  
**Throw Ratio Range** 0.55 – 0.74  
**Size (projected distance)** 50" to 108" (1.27 to 2.74 m)  
**Keystone Correction Manual Vertical** ± 15 degrees  
**Keystone Correction Manual Horizontal** ± 15 degrees  
**Mac<sup>®</sup> Connectivity**  
 Projector is Mac compatible via USB, DVI to HDMI<sup>®</sup> or VGA  
 adapter (not included)  
**Contrast Ratio** Up to 16,000:1  
**Color Reproduction** Up to 1.07 billion colors

**Projection Lens**

**Type** No optical zoom/Manual focus  
**F-number** 1.60  
**Focal Length** 6.4 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** 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**  
 315 W (Normal Mode)  
 230 W (ECO Mode)  
 1.9 W Standby (Communication On)  
 0.22 W Standby (Communication Off)  
**Fan Noise**  
 37 dB (Normal Mode)  
 29 dB (ECO Mode)  
**Security** Kensington<sup>®</sup> security lock port, padlock and security  
 cable hole, password protect function

**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  
 mouse control)  
 USB (Type A) connector x 1 (USB memory/  
 document camera)  
 HDMI x 1  
 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)



**Dimensions (W x D x H)**

**Including Feet** 13.5" x 12.7" x 5.2"  
**Excluding Feet** 13.5" x 12.7" x 3.7"  
**Weight** 8.2 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 Angle**  
 Right/left: ± 30 degrees  
 Upper/lower: 10 to ± 60 degrees  
**Operating Distance** 19.7 ft (6 m)

**Eco Features**

RoHS compliant  
 Recyclable product<sup>9</sup>  
 Epson America, Inc. is a SmartWay<sup>®</sup> Transport Partner<sup>9</sup>

**Support**

**The Epson Connection<sup>SM</sup>**  
 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<sup>®</sup> dedicated toll-free support and 90-day  
 limited lamp warranty

**What's in the Box**

PowerLite 530 projector for SMART, power cord, computer  
 cable (VGA), projector remote control, batteries, user manual  
 CD, projector software CD, Quick Setup Sheet, password  
 protection sticker and lens cover, null modem serial cable

**Ordering Information**

PowerLite 530 for SMART	V11H673320
Genuine Epson lamp	V13H010L87
Replacement air filter	V13H134A47
Short-throw wall mount (ELPMB45)	V12H706020
PowerLite Pilot <sup>™</sup> 2 (ELPCB02)	V12H614020
Active speakers (ELPSP02)	V12H467020
Wireless 802.11 b/g/n LAN unit (ELPAP07)	V12H418P12
Quick wireless connection USB key (ELPAP07)	V12H005M09
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 ECO Mode is up to 10,000 hours. Normal Mode is up to 5000 hours. Lamp life will vary depending upon mode selected, environmental conditions and usage. Lamp brightness decreases over time. | 6 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. | 7 Based on TFCinfo: US Projector Brand Customer Perception and Preference Study, Multimedia Projectors 2015. | 8 For convenient and reasonable recycling options, visit www.epson.com/recycle | 9 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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