PowerLite® 3LCD Projectors for SMART Board® Interactive Whiteboards

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

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

Remarkable color accuracy — 3LCD, 3-chip technology delivers high Color Brightness and a wide Color Gamut

Look for two numbers:
3,200 to 3,300 lumens² Color Brightness for more accurate, vivid color
3,200 to 3,300 lumens² White Brightness for well-lit rooms

Incredible image quality — available in native XGA and WXGA resolution

Convenient collaboration for BYOD classrooms — wirelessly share³ and compare students’ work from multiple devices, simultaneously, with Moderator device management software⁴

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

www.epson.com/education
Specially designed to work with SMART Board interactive whiteboards, 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.

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

<table>
<thead>
<tr>
<th>Color Brightness</th>
<th>White Brightness</th>
<th>Resolution</th>
<th>Throw Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td>3,200 lumens</td>
<td>3,200 lumens</td>
<td>XGA</td>
<td>0.55, short throw</td>
</tr>
<tr>
<td>3,300 lumens</td>
<td>3,200 lumens</td>
<td>WXGA</td>
<td>0.31, ultra short throw</td>
</tr>
<tr>
<td>3,300 lumens</td>
<td>3,300 lumens</td>
<td></td>
<td>0.27, ultra short throw</td>
</tr>
</tbody>
</table>

### Projector replacements for existing SMART Board interactive whiteboards

<table>
<thead>
<tr>
<th>SMART Board interactive whiteboards</th>
<th>PowerLite S30 for SMART V11H673320</th>
<th>PowerLite S80 for SMART V11H604320</th>
<th>PowerLite S85W for SMART V11H602320</th>
<th>SMART Cable Adapter Kit (sold separately)</th>
</tr>
</thead>
<tbody>
<tr>
<td>SBM680 (77&quot;)</td>
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<tr>
<td>SBM685 (87&quot;)</td>
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<td>SB880 (77&quot;)</td>
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<td>SB885 (87&quot;)</td>
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<table>
<thead>
<tr>
<th>Replaces SMART models</th>
<th>UF70, UF75, UF65, U100</th>
<th>UF70, UF75, UF65, U100</th>
<th>UF70w, UF75w, UF65w, U100w, U100w, U65w, U900</th>
</tr>
</thead>
</table>

### Epson projector mount

<table>
<thead>
<tr>
<th>Epson wall mount (ELPMB45) or adapter plate for SMART</th>
<th>Epson wall mount included with projector</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mount arm is available (V12H670021)</td>
<td>Epson wall mount included with projector</td>
</tr>
</tbody>
</table>

### Epson projectors for new SMART Board all-in-one interactive whiteboard systems

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<th>SMART Board interactive whiteboards</th>
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<tbody>
<tr>
<td>SBM680E (77&quot;)</td>
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<td>SBM685E (87&quot;)</td>
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*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, these projectors support the SMART Extended Control Panel (ECP), 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.

Epson 3LCD projectors deliver remarkable color accuracy. 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.
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
586W: 1,024,000 dots (1280 x 800) x 3

**Color Brightness**
Color Light Output
580: 3,200 lumens
585W: 3,300 lumens
586W: 3,300 lumens

**White Brightness**
White Light Output
580: 3,200 lumens
585W: 3,300 lumens
586W: 3,300 lumens

**Aspect Ratio**
580: 4:3
585W: 16:10

**Native Resolution**
580: 1024 x 768 (WXGA)
585W: 1280 x 800 (WXGA)

**Resizer**
640 x 580 (VGA), 800 x 600 (SVGA), 1024 x 768 (XGA/S585W only), 1152 x 960 (SXGA), 1280 x 960 (SXGA), 1280 x 1024 (SXGA), 1280 x 768 (WXGA/S585W only), 1360 x 768 (WXGA 60-2), 1440 x 900 (WXGA), 1440 x 1050 (SXGA), 1800 x 900 (WXGA+)

**Lamp Type**
245 W UHE

**Lamp Life**
Up to 6,000 hours (ECO Mode)
Up to 4,000 hours (Normal Mode)

**Throw Ratio Range**
580: 0.31 – 0.42
585W: 0.27 – 0.37

**Size (projector distance)**
580: 55.3” to 93.2” (0.346 to 0.597 m)
585W: 60.1” to 101” (0.346 to 0.597 m)

**Keystone Correction**
Manual Vertical ± 3 degrees
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 10.7 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)

**Other**
**Display Performance**
NTSC: 480 lines, PAL: 576 lines (Depends on observation of the multi-burst pattern)

**Input Signal**
NTSC4.43/PALM-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)
3.3 W Standby (Communication Off)

**Fan Noise**
28 dB (ECO Mode)
35 dB (Normal Mode)

**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

**Eco Features**
RoHS compliant
Recyclable product
Epson America, Inc. is a SmartWay® Transport Partner

Support
Epson Connection™
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 S580 or S585W projector for SMART, wall mount, 15” power cord, projector remote control, batteries, user manual, CD, projector software CDs, Quick Setup Sheet, installation guide, template sheet, null modem serial cable

Ordering Information
PowerLite S580 for SMART
V11H605320
PowerLite S585W for SMART
V11H602320
Genuine Epson lamp 580/S585W
V13H010L80
Replacement air filter
V13H134400
PowerLite Pilot® 2 (ELPBP02)
V12H614020
Active speakers (ELPSK02)
V12H467020
Wireless 802.11 b/g/n LAN unit (ELPAP07)
V12H418P12
Quick wireless connection USB key (ELPPAP08)
V12H005M08
Epson DC-12 document camera (ELPCDC06)
V12H321005
Epson DC-21 document camera (ELPCDC21)
V12H758020

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