



LCD, 5,400 lumens, WUXGA, Digital Link

## PT-EZ590/EZ590L

Compact and powerful LCD projectors Designed to light up lecture theaters and conference rooms

### Key Features

LCD, 5,400 lumens, WUXGA

High brightness and high resolution in compact and lightweight body

Dust resistant cabinet and up to 15,000 hours maintenance free Eco Filter

Powered with lens-shift and a wide range of optional lenses

10,000:1 contrast ratio (in high contrast mode)





LCD Projectors  
PT-EZ590/EW650/EX620/EW550/EX520  
PT-EZ590L/EW650L/EX620L/EW550L/EX520L



## PT-EZ590/EZ590L

<https://ap.connect.panasonic.com/p/h/en/products/projectors/pt-ez590ez590l>

<b>Projector type</b>	LCD projector
<b>Display method</b>	Transparent LCD panel (x 3, R/G/B)
<b>Display Device -&gt; Panel size</b>	16.3 mm (0.64"), diagonal (16:10 aspect ratio)
<b>Display Device -&gt; Drive method</b>	Active matrix method
<b>Display Device -&gt; Number of pixels</b>	2,304,000 (1920 x 1200) x 3, total of 6,912,000 pixels
<b>Light output *3</b>	5,400 lm
<b>Light output (ANSI)</b>	5,400 lm
<b>Lamp</b>	320 W UHM lamp x 1
<b>Lamp replacement cycle -&gt; NORMAL</b>	4,000 hours
<b>Lamp replacement cycle -&gt; ECO</b>	5,000 hours *2
<b>Brightness</b>	5,400 lm (Lamp Power: Normal, Dynamic Mode, Iris: OFF, Daylight View: OFF, Auto Power Save: OFF)
<b>Resolution</b>	1920 x 1200 pixels
<b>Contrast Ratio (typ.) *3</b>	10,000:1 (Lamp Power: Normal, Dynamic Mode, Iris: ON, Daylight View: OFF, Auto Power Save: OFF)
<b>Screen size (diagonal)</b>	1.03-10.57 m (40-400"), 16:10 aspect ratio
<b>Lens</b>	PT-EZ590:1.8 x powered zoom (throw ratio 1.22-2.26:1), powered focus F 1.6-2.2, f 17.1-31.7 mm PT-EZ590L:Optional powered zoom/focus lenses and fixed-focus lens
<b>Lens shift -&gt; Vertical(from center of screen)</b>	±60 % (powered)
<b>Lens shift -&gt; Horizontal(from center of screen)</b>	±30 % (powered)
<b>Keystone correction range *5</b>	Vertical: ±25 °, horizontal: ±30 °
<b>Installation</b>	Ceiling/floor, front/rear
<b>Power supply</b>	100-240 V AC, 50/60 Hz
<b>Maximum power consumption *1</b>	484 W (0.5 W with Standby Mode set to Eco*1, 12 W with Standby Mode set to Normal); 444 W with Lamp Power set to Normal, 325 W with Lamp Power set to Eco
<b>Standby power consumption -&gt; Normal</b>	12W
<b>Standby power consumption -&gt; ECO</b>	0.5W
<b>Power consumption</b>	484 W (0.5 W with Standby Mode set to ECO, 12 W with Standby Mode set to Normal); 444 W with Lamp Power set to Normal, 325 W with Lamp Power set to Eco
<b>Cabinet materials</b>	Molded plastic (PC + ABS)
<b>Filter</b>	Included
<b>Operation noise -&gt; Normal *3</b>	35 dB [NORMAL]
<b>Operation noise -&gt; Eco *3</b>	29 dB [ECO]
<b>Dimensions (W x H x D)</b>	PT-EZ590 : 498 x 145*6 x 398.3 mm (19 19/32" x 5 11/16"*6 x 15 11/16") (with supplied lens)PT-EZ590L : 498 x 145*6 x 358 mm (19 19/32" x 5 11/16"*6 x 14 3/32") (with supplied lens)
<b>Dimensions -&gt; Width (including protruding parts)</b>	498 mm (19 19/32")
<b>Dimensions -&gt; Height (including protruding parts)</b>	145 mm (5 11/16")
<b>Dimensions -&gt; Depth (not including protruding parts)</b>	PT-EZ590:398.3 mm (15 11/16")PT-EZ590L:358 mm (14 3/32")
<b>Weight *7</b>	PT-EZ590:Approx. 8.4 kg (18.5 lbs) (with supplied lens)PT-EZ590L:Approx. 7.7 kg (17.0 lbs) (without lens)
<b>Operating environment -&gt; Operating temperature *8</b>	0-45 °C (32-113 °F)
<b>Operating Environment -&gt; Operating humidity (No condensation)</b>	20-80 % (no condensation)
<b>Applicable software</b>	Logo Transfer Software, Multi Monitoring Control Software, Early Warning Software
<b>Body Colour</b>	White
<b>Gross Dimensions (W x H x D in mm)</b>	EZ590U/EZ590EJ/EZ590LU/EZ590LEJ: 657 x 558 x 311 mm EZ590E/EZ590A/EZ590LE/EZ590LA: 644 x 545 x 288 mm
<b>Gross Weight (Kg)</b>	EZ590EJ: 13.8 kg(30.4 lbs) EZ590E: 12.5 kg(27.5 lbs)
<b>NFC</b>	<a href="https://docs.connect.panasonic.com/projector/products/smartpjcontrol/regional.html#regional">https://docs.connect.panasonic.com/projector/products/smartpjcontrol/regional.html#regional</a>
<b>EAN</b>	EZ590E: 5025232838424 EZ590EJ: 5025232838431 EZ590A: 5025232838455
<b>Active 3D</b>	No
<b>SDM</b>	No

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**Footnote Description**

1. When Standby Mode is set to Eco, network functions such as power on over LAN will not operate. Also, only certain commands can be received for external control using the serial terminal.
2. This is the maximum value when the lamp is turned on for 2 hours and off for 0.25 hours. If the lamp is turned on more frequently or kept on for a long time, lamp replacement cycle will be reduced. Usage environment affects the duration of the lamp.
3. Measurement, measuring conditions, and method of notation all comply with ISO 21118 international standards.
4. Input signals that exceed supported resolution will be converted.
5. With the supplied lens. Value differs when the correction for both directions is operated.
6. With legs at shortest position.
7. Average value. May differ depending on models.
8. At altitudes below 1,400 m (4,593 ft) above sea level. Operating temperature range is 0 °C to 40 °C (32 °F to 104 °F) when used at altitudes from 1,400 m to 2,700 m (4,593 ft to 8,858 ft) above sea level. Also, if ambient temperature exceeds 40 °C (104 °F) (35 °C [95 °F] at high altitude), lamp power automatically switches to Eco to in order to protect the projector.