## Panasonic CONNECT



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)





## PT-EZ590/EZ590L

https://ap.connect.panasonic.com/sg /en/products/projectors/ptez590ez590l

Resolution 1920 x 1200 pixels  Contrast Ratio (typ.) *3 10,000:1 (Lamp Power: Normal, Dynamic Mode, Iris: ON,Daylight View: OFF, Auto Pow Save: OFF)  Screen size (diagonal) 1,03-10.57 m (40-400"), 16:10 aspect ratio  PT-EZ590:1.8 x powered zoom (throw ratio 1.22-2.26:1), powered focus F 1.6-2.2, f 31.7 mm		
Display Device > Panel size	Projector type	LCD projector
Display Device - Number of pixeles		Transparent LCD panel (x 3, R/G/B)
Deptate   Device - Number of pixels   5,400 lm	Display Device -> Panel size	16.3 mm (0.64″), diagonal (16:10 aspect ratio)
Light output (1*12**)	Display Device -> Drive method	Active matrix method
Light output (ANS) *4		2,304,000 (1920 x 1200) x 3, total of 6,912,000 pixels
Lamp replacement cycle - NORMAL Lamp replacement cycle - SCO Sovie : OFF Brightness Save : OFF) Resolution 1920 x 1200 pixels Contrast Ratio (typ.) **3 10,000:1 (Lamp Power: Normal, Dynamic Mode, Iris: OFF, Daylight View: OFF, Auto Posave: OFF) Screen size (diagonal) 1,03-10,57 m (40-400"). 16:10 aspect ratio Lens PrEZ5901-Dptional powered zoom/focus lenses and fixed-focus lenses and fixed-focus lenses and fixed-focus lenses and fixed-focus lenses shift-> Vertical: ±25 **, horizontal: ±30 ** Users shift-> Vertical: from center of screen) Lens shift-> Horizontal(from center of screen		·
Lamp replacement cycle > NORMAL   4,000 hours   Lamp replacement cycle > ECO   5,000 hours   5,400 im (Lamp Power: Normal, Dynamic Mode, Iris: OFF, Daylight View; OFF, Auto Power Service   Resolution   1920 x 1200 pixels   1,000:1 (Lamp Power: Normal, Dynamic Mode, Iris: ON, Daylight View; OFF, Auto Power Service   1,000:1 (Lamp Power: Normal, Dynamic Mode, Iris: ON, Daylight View; OFF, Auto Power Service   1,000:1 (Lamp Power: Normal, Dynamic Mode, Iris: ON, Daylight View; OFF, Auto Power Service   1,000:1 (Lamp Power: Normal, Dynamic Mode, Iris: ON, Daylight View; OFF, Auto Power Service   1,000:1 (Lamp Power: Normal, Dynamic Mode, Iris: ON, Daylight View; OFF, Auto Power Service   1,000:1 (Lamp Power: Normal, Dynamic Mode, Iris: ON, Daylight View; OFF, Auto Power Service   1,000:1 (Lamp Power: Autority)   1,000	Light output (ANSI) *4	5,400 lm
Lamp replacement cycle -> ECO Brightness 5,000 Inu(Lamp Power; Normal, Dynamic Mode, Iris; OFF, Daylight View; OFF, Auto Po Save; OFF) Resolution 1920 x 1200 pixels 10,000:11 lamp Power; Normal, Dynamic Mode, Iris; ON,Daylight View; OFF, Auto Power Save; OFF) Screen size (diagonal) 1,03-1,05.7 m (40-400"), 16:10 aspect ratio 1,0	·	· · · · · · · · · · · · · · · · · · ·
September   Sept		
Resolution 1920 x 1200 pixels  Contrast Ratio (typ.) *3 10,000:1 (Lamp Power: Normal, Dynamic Mode, Iris: ON,Daylight View: OFF, Auto Pow Save: OFF)  Sereen size (diagonal) 10,31-05.7 m (40-400" ), 16:10 aspect ratio  Lens   PT-EZ590:1.8 x powered zoom (throw ratio 1.22-2.26:1), powered focus F 1.6-2.2, f 31.7 mm		·
Contrast Ratio (typ.) *3  10,000:1 (Lamp Power: Normal, Dynamic Mode, Iris: ON, Daylight View: OFF, Auto Pow Save: OFF  Screen size (diagonal)  1,03-10.57 m (40-400"), 16:10 aspect ratio  PT-EZ590:1.8 x powered zoom (throw ratio 1.22-2.26:1), powered focus F1.6-2.2, f 31.7 mm  PT-EZ590L'Optional powered zoom/focus lenses and fixed-focus lens  Lens shift-> Vertical(from center of screen)  Lens shift-> Horizontal(from center of screen)  Lens shift-> Lens shift-	Brightness	5,400 lm (Lamp Power: Normal, Dynamic Mode, Iris: OFF, Daylight View: OFF, Auto Power Save: OFF)
Sare: OFF)  Screen size (diagonal)  Lens  PT-EZ5901: 18.x powered zoom (throw ratio 1.22-2.26:1), powered focus F 1.6-2.2, f 31.7 mm PT-EZ5901-Optional powered zoom/focus lenses and fixed-focus lens  Lens shift -> Vertical(from center of screen)  Lens shift -> Vertical(from center of screen)  Lens shift -> Horizontal(from center of screen)  Keystone correction range  Installation  Ceiling/floor, front/rear  Power supply  100-240 V AC, 50/60 Hz  Maximum power consumption -> 12W  Standby power consumption -> 12W  Standby power consumption -> ECO  Standby power set to Normal, 325 W with Lamp Power set to ECO  Tell power set to Normal, 325 W with Lamp Power set to ECO  Standby power consumption -> ECO  Standby power consumption -> ECO  Standby power set to Normal, 325 W with Lamp Power set to ECO  Tell power set to Normal, 325 W with Lamp Power set to Normal, 325 W with Lamp Power set to ECO  Tell power set to Normal, 325 W with Lamp Power set to ECO  Tell power set to Normal, 325 W with Lamp Power set to ECO  Tell power set to Normal, 325 W with Lamp Power set to ECO  Tell power set to Normal, 325 W with Lamp Power set to ECO  Tell power set to Normal, 325 W with Lamp Power set to ECO  Tell power set to Normal, 325 W with Lamp Power set to ECO  Te	Resolution	1920 x 1200 pixels
Lens hift-> Vertical(from center of screen)  Lens shift-> Vertical(from center of screen)  Lens shift-> Vertical(from center of screen)  Lens shift-> Horizontal(from center)  Lens shif	Contrast Ratio (typ.) *3	10,000:1 (Lamp Power: Normal, Dynamic Mode, Iris: ON,Daylight View: OFF, Auto Power Save: OFF)
31.7 mm   PT-EZ590L*Optional powered zoom/focus lenses and fixed-focus lens	Screen size (diagonal)	1.03–10.57 m (40-400"), 16:10 aspect ratio
Lens shift -> Vertical(from center of ±60 % (powered)  screen)  Lens shift -> Horizontal(from center of screen)  Lens shift -> Horizontal(from center of screen)  Lens shift -> Horizontal(from center of screen)  Vertical: ±25 °, horizontal: ±30 °  Installation	Lens	PT-EZ590:1.8 x powered zoom (throw ratio 1.22–2.26:1), powered focus F 1.6–2.2, f 17.1–
Lens shift -> Vertical(from center of screen)  Lens shift -> Horizontal(from center of screen)  Keystone correction range  New supply  100-240 VAC, 50/60 Hz  Maximum power consumption ** 7* 8* 484 W (0.5 W with Standby Mode set to Eco*1, 12 W with Standby Mode set to Normal, 325 W with Lamp Power set to Normal, 325 W with Lamp Power set to Eco  Standby power consumption -> 12W  Normal  Standby power consumption -> 12W  Normal  Standby power consumption ** 484 W (0.5 W with Standby Mode set to Eco*1, 12 W with Standby Mode set to Normal, 325 W with Lamp Power set to Normal, 325 W with Standby Mode set to Normal, 326 W with Standby Mode set to Nor		31.7 mm
Lens shift -> Horizontal(from center of screen)   ±30 % (powered)   50 screen		PT-EZ590L:Optional powered zoom/focus lenses and fixed-focus lens
Lens shift -> Horizontal(from center of screen)  Keystone correction range  Vertical: ±25 °, horizontal: ±30 °  Installation  Celling/floor, front/rear  Power supply  100-240 V AC, 50/60 Hz  Maximum power consumption *7*8 8 484 W (0.5 W with Standby Mode set to Eco*1, 12 W with Standby Mode set to Normal, 325 W with Lamp Power set to Normal, 325 W with Lamp Power set to Eco  Standby power consumption -> ECO  Molded plastic (PC + ABS)  Filter  Included  Operation noise -> Normal *3  Sta (B (NORMAL)  Operation noise -> Normal *3  Sta (B (NORMAL)  Operation noise -> Sco *3  29 dB (ECO)  Dimensions (W x H x D)  PT-EZ590: 498 x 145*6 x 398.3 mm (19 19/32" x 5 11/16*6 x 15 11/16") (with supplend lens)  PT-EZ590: 498 x 145*6 x 398.3 mm (19 19/32" x 5 11/16*6 x 14 3/32") (with supplied lens)  Dimensions -> Width (including parts)  Dimensions -> Depth (not including protruding parts)  Dimensions -> Depth (not including protruding parts)  PT-EZ590: 498 x 145*6 x 398.3 mm (19 19/32" x 5 11/16*6 x 14 3/32") (with supplied lens)  PT-EZ590: 498 x 145*6 x 358 mm (19 19/32" x 5 11/16*6 x 14 3/32") (with supplied lens)  Dimensions -> Depth (not including protruding parts)  PT-EZ590: 498 x 145*6 x 358 mm (19 19/32" x 5 11/16*6 x 14 3/32") (with supplied lens)  PT-EZ590: 498 x 145*6 x 358 mm (19 19/32" x 5 11/16*6 x 14 3/32") (with supplied lens)  PT-EZ590: 498 x 145*6 x 358 mm (19 19/32" x 5 11/16*6 x 14 3/32") (with supplied lens)  PT-EZ590: 498 x 145*6 x 358 mm (19 19/32" x 5 11/16*6 x 14 3/32") (with supplied lens)  PT-EZ590: 498 x 145*6 x 358 mm (19 19/32" x 5 11/16*6 x 14 3/32") (with supplied lens)  PT-EZ590: 498 x 145*6 x 358 mm (19 19/32" x 5 11/16*6 x 14 3/32") (with supplied lens)  PT-EZ590: 498 x 145*6 x 358 mm (19 19/32" x 5 11/16*6 x 14 3/32") (with supplied lens)  PT-EZ590: 498 x 145*6 x 358 mm (19 19/32" x 5 11/16*6 x 14 3/32") (with supplied lens)  PT-EZ590: 498 x 145*6 x 358 mm (19 19/32" x 5 11/16*6 x 14 3/32")	•	±60 % (powered)
Keystone correction range         Vertical: ±25 °, horizontal: ±30 °           Installation         Ceiling/floor, front/rear           Power supply         100–240 V AC, 50/60 Hz           Maximum power consumption *** ** ** 848 W (0.5 W with Standby Mode set to Eco*1, 12 W with Standby Mode set to Normal ** 9           Standby power consumption -> CO         12W           Standby power consumption -> ECO         0.5W           Power consumption         484 W (0.5 W with Standby Mode set to ECO, 12 W with Standby Mode set to Normal, 325 W with Lamp Power set to Normal, 325 W with Lamp Power set to Normal, 325 W with Lamp Power set to Normal, 325 W with Standby Mode set to Normal, 326 W with Standby Mode set to		
Installation  Ceiling/floor, front/rear  Power supply  10-240 VAC, 50/60 Hz  Maximum power consumption ** ** ** 444 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  Standby power consumption ** ECO  As a W (0.5 W with Standby Mode set to ECO, 12 W with Standby Mode set to Normal) W with Lamp Power set to Normal, 325 W with Lamp Power set to Eco  Cabinet materials  Molded plastic (PC + ABS)  Filter  Included  Operation noise -> Normal **3  35 dB [NORMAL]  Operation noise -> Eco **3  29 dB [ECO]  Dimensions (W x H x D)  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)  Dimensions -> Weight (including parts)  Dimensions -> Height (including protruding parts)  Dimensions -> Depth (not including protruding parts)  PT-EZ590: Approx. 8.4 kg (18.5 lbs) (with supplied lens)PT-EZ590L-Approx. 7.7 kg (17.6 with utlens)  Operating environment -> Operating temperature **11  Operating Environment -> Operating temperature **11  Operating Environment -> Operating without lens)  Applicable software  Logo Transfer Software, Multi Monitoring Control Software, Early Warning Software  Footnote Description  **1. When Standby Mode is set to Eco, network functions such as power on over will not operate. Also, only certain commands can be received for external cusing 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 till lamp replacement cycle will be reduced. Usage environment affects the du of the lamp.  3. Measurement, measuring conditions, and method of notation all comply with 2118 international standards.	· · · · · · · · · · · · · · · · · · ·	<u> </u>
Power supply    Maximum power consumption ** 7** 844 W.(0.5 W. with Standby Mode set to Eco*1, 12 W. with Standby Mode set to Normal 9	Keystone correction range	·
Maximum power consumption *7**8 484 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   12W   Normal   Standby power consumption -> ECO   484 W (0.5 W with Standby Mode set to ECO, 12 W with Standby Mode set to Normal)   Whith Lamp Power set to Normal, 325 W with Lamp Power set to Eco   Cabinet materials   Molded plastic (PC + ABS) Filter   Included   Operation noise -> Normal *3   29 dB [ECO]   Dimensions (W x H x D)   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-EZ590: 498 x 145*6 x 398.3 mm (19 19/32" x 5 11/16"*6 x 14 3/32") (with supplied lens)   PT-EZ590: 498 x 145*6 x 358 mm (19 19/32" x 5 11/16"*6 x 14 3/32") (with supplied lens)   PT-EZ590: 498 x 145*6 x 358 mm (19 19/32" x 5 11/16"*6 x 14 3/32") (with supplied lens)   PT-EZ590: 498 x 145*6 x 358 mm (19 19/32" x 5 11/16"*6 x 14 3/32") (with supplied lens)   PT-EZ590: 498 x 145*6 x 358 mm (19 19/32" x 5 11/16"*6 x 14 3/32") (with supplied lens)   PT-EZ590: 498 x 145*6 x 358 mm (19 19/32" x 5 11/16"*6 x 14 3/32") (with supplied lens)   PT-EZ590: 498 x 145*6 x 358 mm (19 19/32" x 5 11/16"*6 x 14 3/32") (with supplied lens)   PT-EZ590: 498 x 145*6 x 358 mm (19 19/32" x 5 11/16"*6 x 14 3/32") (with supplied lens)   PT-EZ590: 498 x 145*6 x 358 mm (19 19/32" x 5 11/16"*6 x 14 3/32") (with supplied lens)   PT-EZ590: 498 x 145*6 x 358 mm (19 19/32" x 5 11/16"*6 x 14 3/32")   PT-EZ590: 498 x 145*6 x 358 mm (19 19/32" x 5 11/16"*6 x 14 3/32")   PT-EZ590: 498 x 145*6 x 358 mm (19 19/32" x 5 11/16"*6 x 14 3/32")   PT-EZ590: 498 x 145*6 x 358 mm (19 19/32" x 5 11/16"*6 x 14 3/32")   PT-EZ590: 498 x 145*6 x 358 mm (19 19/32" x 5 11/16"*6 x 14 3/32")   PT-EZ590: 498 x 145*6 x 358 mm (19 19/32" x 5 11/16"*6 x 14 3/32")   PT-EZ590: 498 x 145*6 x 358 mm (19 19/32" x 5 11/16"*6 x 14 3/32")   PT-EZ590: 498 x 145*6 x 358 mm (19 19/32" x 5 11/16"*6 x 14 3/32")   PT-EZ590: 498 x 145*6 x 358 mm (19 19/32" x 5 11/16"*6 x 14 3/32"	Installation	Ceiling/floor, front/rear
*9 444 W with Lamp Power set to Normal, 325 W with Lamp Power set to Eco Standby power consumption -> 12W  Normal Standby power consumption -> ECO 0.5W  Power consumption		
Normal		
Power consumption  484 W (0.5 W with Standby Mode set to ECO, 12 W with Standby Mode set to Normal) Wwith Lamp Power set to Normal, 325 W with Lamp Power set to Eco  Cabinet materials  Molded plastic (PC + ABS)  Included  Operation noise -> Normal *3  35 dB [NORMAL]  Operation noise -> Eco *3  29 dB [ECO]  Dimensions (W x H x D)  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)  Dimensions -> Width (including parts)  Dimensions -> Height (including protruding parts)  Dimensions -> Depth (not including protruding parts)  Dimensions -> Depth (not including protruding parts)  PT-EZ590: 498 x 145*6 x 358 mm (19 19/32" x 5 11/16"*6 x 14 3/32") (with supplied lens)  PT-EZ590: 498 x 145*6 x 358 mm (19 19/32" x 5 11/16"*6 x 14 3/32") (with supplied lens)  Dimensions -> Depth (including protruding parts)  PT-EZ590:398.3 mm (15 11/16") PT-EZ590L:358 mm (14 3/32")  Operating environment -> Operating (without lens)  Operating environment -> Operating temperature *11  Operating Environment -> Operating humidity (No condensation)  Applicable software  Logo Transfer Software, Multi Monitoring Control Software, Early Warning Software (Sottware)  1. When Standby Mode is set to Eco, network functions such as power on over will not operate. Also, only certain commands can be received for external cusing 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 ti lamp replacement, measuring conditions, and method of notation all comply with 21118 international standards.	• •	12W
Cabinet materials Molded plastic (PC + ABS)  Filter Included Operation noise -> Normal *3 35 dB [NORMAL] Operation noise -> Eco *3 29 dB [ECO]  Dimensions (W x H x D) 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)  Dimensions -> Width (including supplied lens)  Dimensions -> Width (including parts)  Dimensions -> Depth (not including protruding parts)  Dimensions -> Depth (not including protruding parts)  PT-EZ590:398.3 mm (15 11/16")PT-EZ590L:358 mm (14 3/32")  Weight *10 PT-EZ590:398.3 mm (15 11/16")PT-EZ590L:358 mm (14 3/32")  Operating environment -> Operating temperature *11  Operating Environment -> Operating phroity (No condensation)  Applicable software Logo Transfer Software, Multi Monitoring Control Software, Early Warning Software  Footnote Description 1. When Standby Mode is set to Eco, network functions such as power on over will not operate. Also, only certain commands can be received for external cusing 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 till lamp replacement, measuring conditions, and method of notation all comply with 21118 international standards.	Standby power consumption -> ECO	0.5W
Cabinet materials       Molded plastic (PC + ABS)         Filter       Included         Operation noise -> Normal *3       35 dB [NORMAL]         Operation noise -> Eco *3       29 dB [ECO]         Dimensions (W x H x D)       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)         Dimensions -> Width (including parts)       498 mm (19 19/32")         Dimensions -> Height (including parts)       145 mm (5 11/16")         Dimensions -> Depth (not including parts)       PT-EZ590:398.3 mm (15 11/16")PT-EZ590L:358 mm (14 3/32")         Weight *10       PT-EZ590:398.3 mm (15 11/16")PT-EZ590L:358 mm (14 3/32")         Operating environment -> Operating (without lens)       PT-EZ590:398.3 mm (15 11/16")PT-EZ590L:358 mm (14 3/32")         Operating environment -> Operating (without lens)       PT-EZ590:398.3 mm (15 11/16")PT-EZ590L:358 mm (14 3/32")         Operating environment -> Operating (without lens)       0-45 °C (32-113 °F)         Comparing Environment -> Operating (without lens)       20-80 % (no condensation)         Applicable software       Logo Transfer Software, Multi Monitoring Control Software, Early Warning Software will not operate. Also, only certain commands can be received for external cursing 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 till lamp replacement cycle will be reduced. Usage environment affects	Power consumption	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
Filter Included  Operation noise -> Normal *3 35 dB [NORMAL]  Operation noise -> Eco *3 29 dB [ECO]  Dimensions (W x H x D) 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)  Dimensions -> Width (including 498 mm (19 19/32")  protruding parts)  Dimensions -> Height (including 50 mm (19 19/32")  protruding parts)  Dimensions -> Depth (not including 70 mm (15 11/16")  PT-EZ590:398.3 mm (15 11/16")PT-EZ590L:358 mm (14 3/32")  protruding parts)  Weight *10 PT-EZ590:398.3 mm (15 11/16")PT-EZ590L:358 mm (14 3/32")  Operating environment -> Operating (without lens)  Operating environment -> Operating 20-80 % (no condensation)  humidity (No condensation)  Applicable software Logo Transfer Software, Multi Monitoring Control Software, Early Warning Software  Footnote Description 1. When Standby Mode is set to Eco, network functions such as power on over will not operate. Also, only certain commands can be received for external cusing 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 till lamp replacement cycle will be reduced. Usage environment affects the durof the lamp.  3. Measurement, measuring conditions, and method of notation all comply with antitional standards.	Cabinet materials	
Operation noise -> Normal *3 35 dB [NORMAL]  Operation noise -> Eco *3 29 dB [ECO]  Dimensions (W x H x D) 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)  Dimensions -> Width (including parts)  Dimensions -> Height (including parts)  Dimensions -> Depth (not including parts)  PT-EZ590:398.3 mm (15 11/16") PT-EZ590L:358 mm (14 3/32")  Weight *10 PT-EZ590:398.3 mm (15 11/16") PT-EZ590L:358 mm (14 3/32")  Operating environment -> Operating (without lens)  Operating environment -> Operating temperature *11  Operating Environment -> Operating 20-80 % (no condensation)  Applicable software Logo Transfer Software, Multi Monitoring Control Software, Early Warning Software  Footnote Description  1. When Standby Mode is set to Eco, network functions such as power on over will not operate. Also, only certain commands can be received for external cusing 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 along till lamp replacement cycle will be reduced. Usage environment affects the du of the lamp.  3. Measurement, measuring conditions, and method of notation all comply with 21118 international standards.	Filter	·
Operation noise -> Eco *3  29 dB [ECO]  Dimensions (W x H x D)  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)  Dimensions -> Width (including parts)  Dimensions -> Height (including parts)  Dimensions -> Depth (not including parts)  Dimensions -> Depth (not including parts)  PT-EZ590:398.3 mm (15 11/16")PT-EZ590L:358 mm (14 3/32")  PT-EZ590:398.3 mm (15 11/16")PT-EZ590L:358 mm (14 3/32")  PT-EZ590:398.3 mm (15 11/16")PT-EZ590L:358 mm (14 3/32")  PT-EZ590:Approx. 8.4 kg (18.5 lbs) (with supplied lens)PT-EZ590L:Approx. 7.7 kg (17.4 (without lens))  Operating environment -> Operating temperature *11  Operating Environment -> Operating parting Environment -> Operating temperature *11  Operating Environment -> Operating turned on for 2 more of 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 till amp replacement cycle will be reduced. Usage environment affects the du of the lamp.  3. Measurement, measuring conditions, and method of notation all comply with 21118 international standards.		
Dimensions (W x H x D)  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)  Dimensions -> Width (including protruding parts)  Dimensions -> Depth (including protruding parts)  Dimensions -> Depth (not including protruding parts)  PT-EZ590:398.3 mm (15 11/16")PT-EZ590L:358 mm (14 3/32")  PT-EZ590:398.3 mm (15 11/16")PT-EZ590L:358 mm (14 3/32")  Weight *10  PT-EZ590:Approx. 8.4 kg (18.5 lbs) (with supplied lens)PT-EZ590L:Approx. 7.7 kg (17.4 without lens)  Operating environment -> Operating temperature *11  Operating Environment -> Operating Protruding (No condensation)  Applicable software  Logo Transfer Software, Multi Monitoring Control Software, Early Warning Software will not operate. Also, only certain commands can be received for external cusing the serial terminal.  2. This is the maximum value when the lamp is turned on for 2 hours and off foo.25 hours. If the lamp is turned on more frequently or kept on for a long till lamp replacement cycle will be reduced. Usage environment affects the du of the lamp.  3. Measurement, measuring conditions, and method of notation all comply with 21118 international standards.	•	
Dimensions -> Width (including protruding parts)  Dimensions -> Height (including protruding parts)  Dimensions -> Depth (not including protruding parts)  PT-EZ590:398.3 mm (15 11/16")PT-EZ590L:358 mm (14 3/32")  PT-EZ590:Approx. 8.4 kg (18.5 lbs) (with supplied lens)PT-EZ590L:Approx. 7.7 kg (17.4 (without lens))  Operating environment -> Operating temperature *11  Operating Environment -> Operating protruding parts		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
protruding parts)  Dimensions -> Height (including protruding parts)  Dimensions -> Depth (not including protruding parts)  PT-EZ590:398.3 mm (15 11/16")PT-EZ590L:358 mm (14 3/32")  protruding parts)  Weight *10  PT-EZ590:Approx. 8.4 kg (18.5 lbs) (with supplied lens)PT-EZ590L:Approx. 7.7 kg (17.4 (without lens))  Operating environment -> Operating temperature *11  Operating Environment -> Operating 20-80 % (no condensation)  Applicable software  Footnote Description  1. When Standby Mode is set to Eco, network functions such as power on over will not operate. Also, only certain commands can be received for external cusing the serial terminal.  2. This is the maximum value when the lamp is turned on for 2 hours and off from 0.25 hours. If the lamp is turned on more frequently or kept on for a long to the lamp.  3. Measurement, measuring conditions, and method of notation all comply with 21118 international standards.	Dimensions -> Width (including	•
Dimensions -> Height (including protruding parts)  Dimensions -> Depth (not including protruding parts)  PT-EZ590:398.3 mm (15 11/16")PT-EZ590L:358 mm (14 3/32")  PT-EZ590:Approx. 8.4 kg (18.5 lbs) (with supplied lens)PT-EZ590L:Approx. 7.7 kg (17.0 (without lens))  Operating environment -> Operating temperature *11  Operating Environment -> Operating provinonment -> Operating temperature *11  Operating Environment -> Operating provinonment pro	, -	
protruding parts)  Dimensions -> Depth (not including protruding parts)  Weight *10  PT-EZ590:Approx. 8.4 kg (18.5 lbs) (with supplied lens)PT-EZ590:Approx. 7.7 kg (17.5 (without lens))  Operating environment -> Operating temperature *11  Operating Environment -> Operating 20-80 % (no condensation)  Applicable software  Footnote Description  1. When Standby Mode is set to Eco, network functions such as power on over will not operate. Also, only certain commands can be received for external cusing 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 to lamp replacement cycle will be reduced. Usage environment affects the du of the lamp.  3. Measurement, measuring conditions, and method of notation all comply with 21118 international standards.		145 mm (5 11/16")
protruding parts)  Weight *10  PT-EZ590:Approx. 8.4 kg (18.5 lbs) (with supplied lens)PT-EZ590L:Approx. 7.7 kg (17.4 (without lens))  Operating environment -> Operating temperature *11  Operating Environment -> Operating Applicable software  Logo Transfer Software, Multi Monitoring Control Software, Early Warning Software  Footnote Description  1. When Standby Mode is set to Eco, network functions such as power on over will not operate. Also, only certain commands can be received for external cusing 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 till lamp replacement cycle will be reduced. Usage environment affects the du of the lamp.  3. Measurement, measuring conditions, and method of notation all comply with 21118 international standards.		
(without lens)  Operating environment -> Operating temperature *11  Operating Environment -> Operating Environment Early Warning Software  Logo Transfer Software, Multi Monitoring Control Software, Early Warning Software  1. When Standby Mode is set to Eco, network functions such as power on over will not operate. Also, only certain commands can be received for external cusing 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 till lamp replacement cycle will be reduced. Usage environment affects the du of the lamp.  3. Measurement, measuring conditions, and method of notation all comply with 21118 international standards.	• •	PT-EZ590:398.3 mm (15 11/16")PT-EZ590L:358 mm (14 3/32")
(without lens)  Operating environment -> Operating temperature *11  Operating Environment -> Operating Environment Early Warning Software  Logo Transfer Software, Multi Monitoring Control Software, Early Warning Software  1. When Standby Mode is set to Eco, network functions such as power on over will not operate. Also, only certain commands can be received for external cusing 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 till lamp replacement cycle will be reduced. Usage environment affects the du of the lamp.  3. Measurement, measuring conditions, and method of notation all comply with 21118 international standards.		PT-EZ590:Approx. 8.4 kg (18.5 lbs) (with supplied lens)PT-EZ590L:Approx. 7.7 kg (17.0 lbs)
temperature *11  Operating Environment -> Operating humidity (No condensation)  Applicable software Logo Transfer Software, Multi Monitoring Control Software, Early Warning Software  Footnote Description 1. When Standby Mode is set to Eco, network functions such as power on over will not operate. Also, only certain commands can be received for external cousing 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 to lamp replacement cycle will be reduced. Usage environment affects the during the lamp.  3. Measurement, measuring conditions, and method of notation all comply with 21118 international standards.		
humidity (No condensation)  Applicable software  Logo Transfer Software, Multi Monitoring Control Software, Early Warning Software  1. When Standby Mode is set to Eco, network functions such as power on over will not operate. Also, only certain commands can be received for external cousing 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 to lamp replacement cycle will be reduced. Usage environment affects the durence of the lamp.  3. Measurement, measuring conditions, and method of notation all comply with 21118 international standards.		0–45 °C (32–113 °F)
Applicable software  Footnote Description  1. When Standby Mode is set to Eco, network functions such as power on over will not operate. Also, only certain commands can be received for external cusing 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 till lamp replacement cycle will be reduced. Usage environment affects the durof the lamp.  3. Measurement, measuring conditions, and method of notation all comply with 21118 international standards.	Operating Environment -> Operating	20–80 % (no condensation)
Footnote Description  1. When Standby Mode is set to Eco, network functions such as power on over will not operate. Also, only certain commands can be received for external cusing 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 till lamp replacement cycle will be reduced. Usage environment affects the during of the lamp.  3. Measurement, measuring conditions, and method of notation all comply with 21118 international standards.		Logo Transfer Software, Multi Monitoring Control Software, Early Warning Software
<ul> <li>5. With the supplied lens. Value differs when the correction for both direction operated.</li> <li>6. With legs at shortest position.</li> <li>7. Average value. May differ depending on models.</li> <li>8. At altitudes below 1,400 m (4.593 ft) above sea level. Operating temperatur</li> </ul>	Footnote Description	<ol> <li>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.</li> <li>Measurement, measuring conditions, and method of notation all comply with ISO 21118 international standards.</li> <li>Input signals that exceed supported resolution will be converted.</li> <li>With the supplied lens. Value differs when the correction for both directions is operated.</li> <li>With legs at shortest position.</li> </ol>

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.