



BenQ projector LW650

Brightness (ANSI lumens)	4000
Native Resolution	WXGA (1280 x 800)
Native Aspect Ratio	16 : 10
Contrast Ratio (FOFO)	3.000.000 : 1
Display Color	30-bit (1.07 billion colors)
Light Source	Laser
Light Source Life	a. Normal 20000 hrs, b. ECO 20000 hrs, c. SmartEco 20000 hrs
Throw Ratio	1.21~1.57
Zoom Ratio	1.3x
Lens	F/# = 2.59 ~ 2.87, f = 16.88~21.88 mm
Projection Offset (Full-Height)	102.5%
Keystone Adjustment	2D, (Auto) Vertical \pm 30 degrees; Horizontal \pm 30 degrees
Rec. 709 Coverage	90%
Picture Modes	Bright, HDR10, HLG, Infographic, Presentation, Spreadsheet, User 1, User 2, Video Conference
Input Lag	8.3 ms (1080P 120Hz)
Resolution Support	VGA (640 x 480) to 4K UHD (3840 x 2160)
Horizontal Frequency	15K~135KHz

Vertical Scan Rate	23~120Hz
HDMI in	(x2), HDMI-1 (2.0b/HDCP2.2), HDMI-2 (2.0b/HDCP2.2)
USB Type A	(x2), USB Type A-1 (2.0/Power Supply1.5A/Service), USB Type A-2 (2.0/Power Supply1.0A/Wireless Dongle)
USB Type C	(x1), Display Port with PD out 5V/1A
RS232 in (DB-9pin)	(x1)
Speaker	(x1), 10W
Audio out (3.5mm Mini Jack)	(x1)
Operating Temperature	0~40°C
Power Supply	AC 100 to 240 V, 50/60 Hz
Typical Power Consumption (110V)	200W @100VAC; 191W @220VAC
Stand-by Power Consumption	<0.5W
Acoustic Noise (Typ./Eco.)(dB)	34/28
Wireless USB dongle	(Optional), 5201BS
Remote Control w/ Battery	RCX016
Power Cord (by region)	x1 (1.8M)
3D Glasses	(Optional), DGD5
Quick Start Guide	(x1) 21L
Warranty Card (by region)	Yes
Universal Ceiling Mount	(Optional), CM00G3
Dimensions (WxHxD) (mm)	303.5 (W) x 112.4 (H) x 224.7 (L) mm
Net Weight (kg)	2.9 Kg +/- 100g
Dimensions (WxHxD) (inch)	11.9 (W) x 4.42 (H) x 8.84(L) inch
Net Weight (lb)	6.3 +/- 0.2lb
Projection System	DLP

