HD29Darbee

More depth, more detail

- Lights on viewing – 3200 ANSI Lumens
- Easy connectivity - 2x HDMI and MHL support and built-in 10W speaker
- Amazing colour - accurate Rec.709 colours
- Award winning Darbee Visual Presence™ technology inside



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Convenient and easy to setup, the bright and versatile all new HD29Darbee projector integrates DARBEE Visual Presence™ image enhancement technology to bring you revolutionary levels of depth and realism.

Optoma's advanced colour technology, multiple settings and features enable users to enjoy long-lasting, reliable and precise colour for vibrant, lifelike images - perfect for immersive gaming, live sports and home entertainment any time of day. It also features Enhanced Gaming Mode with a 16ms response time, ideal for gaming enthusiasts.

An integrated speaker provides great sound and two HDMI inputs enable an easy setup. Games consoles, Blu-ray players, set top boxes or other HDMI devices like Google Chromecast, Amazon Fire Stick or Apple TV™ can be connected. Perfect for gaming, streaming videos and sharing photos on the big screen in the comfort of your own home.

Weighing less than 2.5kg you can take it to a friend's for a sports event, movie night or games marathon.

Specification

Display Technology	Single 0.65" 1080p DC3 DMD chip DLP® Technology by Texas Instruments
Native Resolution	1080p 1920 x 1080
Brightness[1] (Bright Mode)	3200 ANSI Lumens
Contrast	30,000:1
Lamp Life[2] Dynamic/Eco/Bright	8000/6000/5000 (hrs)
Throw Ratio	1.48 - 1.62:1
Zoom Type	1.1x Manual
I/O Connectors	2x HDMI (1.4a 3D support) + MHL v2.1, Audio Out 3.5mm, 12V trigger, 3D-Sync, USB-A Power (1A)
Speaker	10
Keystone Correction	± 40° Vertical
Weight (kg)	2.38
Dimensions (W x D x H) (mm)	298 x 230 x 96.5
Aspect Ratio	16:9 Native, 4:3 Compatible
Offset	116%
Projection Screen Size	0.71 - 7.75m (27.88" - 305.3") Diagonal 16:9
Projection Distance	1 - 10m
Projection Lens	F/2.5~2.67; f=21.86~24mm
Uniformity	80%
Maximum Resolution	Full HD 1920 x 1080
Computer Compatibility	FHD, HD, WXGA, UXGA, SXGA, XGA, SVGA, VGA, Mac
Video Compatibility	480i/p, 576i/p, 720p(50/60Hz), 1080i(50/60Hz), 1080p(50/60Hz)
3D Support	Full 3D - The 3D features of Optoma projectors can only be used with compatible 3D content. Typical applications include use with 3D educational or 3D design and modelling systems. 3D TV broadcast systems, (SKY in the UK), Blu-ray 3D™ and 3D games from the Sony® PS3 or Microsoft® Xbox 360 are now supported as part of the HDMI v1.4a specification.
3D Compatibility	Side-by-Side:1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60
Horizontal Scan Rate	15 - 91kHz
Vertical Scan Rate	25 - 85Hz (120Hz for 3D)
Displayable Colours	1073.4 Million
Noise Level (Eco mode)	26dB
Power Supply	100-240V, 50-60Hz
Power Consumption	225W Bright mode / 183W Eco mode (< 0.5W Standby)
Lamp Type	195W
Operating Conditions	5°C - 40°C, Max. Humidity 85%, Max. Altitude 3000m
Security	Security bar, Kensington lock, password protection
On Screen Display	26 Languages: English, German, French, Italian, Spanish, Portuguese, Swedish, Dutch, Norwegian/Danish, Polish, Russian, Finnish, Greek, Hungarian, Czech, Arabic, Traditional Chinese, Simplified Chinese, Japanese, Korean, Thai, Turkish, Farsi, Vietnamese, Romanian, Indonesian
Standard Accessories	AC power cord, remote control, 2x AA batteries, Basic user manual
Optional Accessories	3D glasses, wireless, ceiling mount
Optional Wireless	Yes
Warranty	2 Years
RoHS	Compliant

Optoma Europe Ltd.
42 Caxton Way, Watford Business Park, Watford, Hertfordshire, UK. WD18 8QZ
www.optoma.co.uk

[1]Brightness and lifetime dependent on settings and environmental conditions

[2]Typical lamp life achieved through testing. Will vary according to operational use and environmental conditions

*The quoted LED brightness rating is based on the perceived equivalent ANSI lumen brightness when compared to a standard lamp projector. The LED brightness rating takes into account the Helmholtz–Kohlrausch (HK) effect on the perceived brightness of colours.

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