

World's First 84" UD LCD for Interactive Whiteboards

Written by Bob Snyder
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In case you have ever asked yourself the question: **Can LCDs replace projector-type whiteboards?** ...now LG Display begins mass production of the world's first 84" Ultra Definition (UD) LCD display for interactive whiteboards.

At 1.9m by 1.1m, **LG Display's 84" UD panel for interactive whiteboards** measures as the largest LCD product of its kind, ideal for installation in classrooms as it is similar in size to conventional whiteboards currently used in schools. In addition, the display features a maximum brightness of 350 nit, 3.5x brighter than existing projector-type interactive whiteboards; and UD resolution of 3840 x 2160 (about 8.3 million pixels), 8x the image quality of current HD projectors.

LG doesn't actually call this "a projector-killer" but their new whiteboard display attempts to solve weaknesses inherent with projector-type whiteboards. Users no longer have to turn off the lights or close multiple window blinds during the daytime to play educational content. Also, the new display eliminates occurrences of images being blocked by silhouettes and disrupting the attention of students, a major complaint with existing projector-type interactive whiteboards. (Let's not forget the "teacher-fried-eyeballs" complaints from the teacher's union who are insisting upon vision safeguards from projector-type boards).

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LG Display's new display is able to integrate touch functionality allowing users to annotate directly on the screen, without the need for a separate touch-enabled whiteboard screen (as required by projector-type). The display can also be equipped, upon request, with LG Display's Film Patterned Retarder (FPR) 3D technology featuring wide viewing angles and inexpensive glasses.

According to the research firm Futuresource, a rapid growth rate of close to 50% is expected for the interactive whiteboard industry over the next three years, specifically 830,000 units in 2011 to 1,210,000 in 2014.

As more digital educational content is being released and 88% of current interactive whiteboards are projector-type, LG Display insists its improved whiteboard display launches at "a critical time for the market."

New UD whiteboards are expected in Europe in the first half of next year.

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