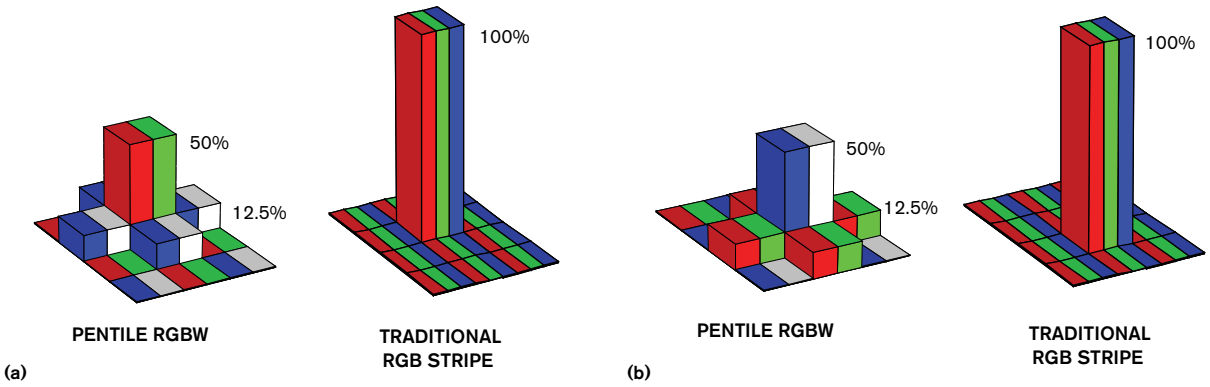

Figure 2 Clairvoyante's PenTile technology uses an RGBW-based approach that pairs pixels rather than use triplets to achieve equivalent resolution to that perceived by the human eye. The use of alternating red/green and blue/white pairs increases the aperture ratio, and the presence of a white subpixel allows more of the available light to pass through. The pixel is located at the second row, second column (a) and at the third row, second column (b). Subpixel rendering uses neighboring subpixels across a 3×3 matrix to eliminate moiré or aliasing artifacts.