

## Smart Pixel™ Technology

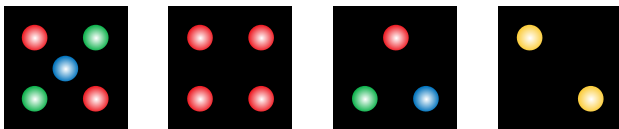
Smart Pixel™ LED technology offers the widest viewing angle and best heat ventilation in the world. Each pixel has its' own lamp louver which provides highly focused LED light output for superior color contrast, brightness and maximum horizontal viewing angle.

Inside the smart pixel is an individual circuit controlling each LED lamp. Together with the controller system, the brightness and color shading can be controlled for each LED lamp. Because we are able to control or turn off individual LED lamps when not in use, we deliver the best color mix, contrast, higher virtual resolution plus longer LED life.

## Smart Pixel™ Features:

- Individual polycarbonate 'louver' over each LED lamp
- Delivers brightness and contrast
- Without heat accumulation
- Sun visors over individual pixels
- LEDs / boards angled slightly downwards
- LED boards treated with a proprietary matt surface

## Pixel Configuration:



RGB full color, Red or Amber LEDs are configured with 2 to 5 pixels.



Horizon Electronic Displays with Smart Pixel™ LEDs cut through direct sunlight to provide the brightest daytime readability.



Horizon Electronic Displays with Smart Pixel™ LED technology provides the clarity and performance you need in bright vibrant colors.