CLAIMS

1. A lighting device, comprising:

a plurality of light-emitting diodes (LEDs) disposed on a mounting surface, wherein the plurality of LEDs are illuminated using a first power source; and

a plurality of organic LEDs (OLEDs) disposed on the mounting surface, wherein the plurality of OLEDs are illuminated using a second power source

wherein the plurality of OLEDs are illuminated when the plurality of LEDs are not illuminated.

2. The lighting device of Claim 1, wherein the plurality of OLEDs are further illuminated when at least one of the plurality of LEDs is dimmed.

3. The lighting device of Claim 1, wherein the plurality of OLEDs are further illuminated when at least one of the plurality of LEDs is off.

4. The lighting device of Claim 1, further comprising a controller operatively coupled to the plurality of LEDs and the plurality of OLEDs, wherein the controller provides power to the OLEDs from the second power source when the controller receives a dimming setting for the LEDs from the first power source.

5. The lighting device of Claim 1, wherein the plurality of LEDs has a shape and a size, and wherein the plurality of OLEDs has substantially the size.

6. The lighting device of Claim 5, wherein the shape is a hexagon, wherein the plurality of OLEDs has the shape.

7. The lighting device of Claim 6, wherein the plurality of OLEDs and the plurality of LEDs are arranged in a honeycomb pattern on the mounting surface.

8. The lighting device of Claim 1, wherein the first power source comprises a first controller for controlling the plurality of LEDs, and wherein the second power source comprises a second controller for controlling the plurality of OLEDs.

9. The lighting device of Claim 1, wherein the first power source comprises an alternating current-to-direct current (AC/DC) converter, and wherein the second power source lacks an AC/DC converter.

10. The lighting device of Claim 1, wherein the plurality of OLEDs are further illuminated when the first power source loses power.