

White SMT LEDs Deliver up to 1,800 mcd



Provided in a CLCC-2 flat SMT ceramic package 0.7-mm thick, the VLMW82 Series of white LEDs from Vishay have a thermal resistance of 20°C/W and an optical power output from 9,000 to 18,000 mcd. Offering a service life of approximately 50,000 hours, the InGaN devices have a 3.3 x 3.4 mm footprint and are optimized for display backlighting and other illumination applications. Features include a typical luminous flux of 35,000 mlm and an optical efficiency of 40 lm/W at 100 mA. The luminous intensity ratio per package unit is $IV_{max}/IV_{min} = 1.6$, with a forward voltage up to 4.3 V, and a 60° half-intensity viewing angle. The RoHS-compliant LEDs are automotive-qualified AEC-Q101 and offer an ESD-withstand voltage up to 1 kV in accordance with JESD22-A114-B. Pricing for U.S. delivery is \$1.70 each.

Vishay Intertechnology
619) 336-0860, www.vishay.com [1]

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