

LED Components for Warning Lights & Emergency Vehicles

High Power CSP LEDs for Durable, High-Performance Applications

American Bright delivers high-performance LED components for warning lights and emergency vehicles. Engineered for harsh environments, our compact LEDs offer superior thermal control, long-lasting reliability, and vivid color—ideal for beacons, strobes, light bars, and indicators.



1717 Series – PEC2.0+

Thinner. Smaller. Smarter.

Size: Compact 1717 footprint
Technology: PEC2.0+ + Flip Chip

- Ultra-compact package with Pad Extension Chip (PEC) technology
- Flip chip construction for better thermal and electrical performance
- JEDEC Level 1 MSL, RoHS compliant
- Pb-free reflow soldering ready
- Superior optical control and color mixing
- Ideal for space-limited automotive lighting designs

3W Only:

- Green, Blue, PC Red, PC Amber, White (5800K)



3535 Series – PK2N

Built for Performance

Size: 3.45 x 3.45mm
Thermal Design: Copper lead frame

- Robust 3.45 x 3.45mm package
- Features copper lead frame for industry-leading heat dissipation
- JEDEC Level 1 MSL, RoHS compliant
- Compatible with SMD and Pb-free reflow soldering
- Designed under exclusive patents for thermal optimization

3W – 5W Options:

- White, Warm White, Neutral White
- Green, Blue, PC Amber, Red, PC Blue

