

# Advanced SMD LEDs for Warning Lights & Emergency Vehicles

## Mid/High Power LEDs for Durable and 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
- Superior optical control and color mixing
- Ideal for space-limited automotive lighting designs

#### 3W:

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



### 3535 Series

Built for Performance

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

- 100% footprint compatible with Cree XP-C, XP-E, XP-G series
- Features copper lead frame for industry-leading heat dissipation
- JEDEC Level 1 MSL, RoHS compliant
- Designed under exclusive patents for thermal optimization

#### 3W, 4W, and 5W Options:

- Warm White, Neutral White and Cool White
- Green, Blue, Royal Blue, Cyan, Amber, PC Amber, Red, Crimson and Cherry Red

