# AMERICAN BRIGHT

# AIRCRAFT LED LIGHTING
## BUILT TO AEROSPACE STANDARDS

For aircraft interior lighting, quality is the top priority. As the global leader in AS9100-certified LED assemblies, American Bright is uniquely experienced in meeting and exceeding quality specifications in the aerospace industry.

With over 25 years as a fully vertically integrated assembly manufacturer, we have produced over one million LED boards for aircraft—including modules for cabin lighting, over-wing exit lighting, and lavatory lighting.

As one of the largest LED and component board suppliers, we work with all qualified LED manufacturers. And as LED manufacturers ourselves, we understand the nuances of electronics design. No matter the size of your company, our lighting engineer specialists are always available for consultation.

American Bright can fulfill your technical requirements under AS9100 certification, as well as secure long-term sourcing for essential components.

**LED** **AMERICAN**
BRT **BRIGHT**

# AS9100 QUALITY MANAGEMENT SYSTEM MAKES THE DIFFERENCE

American Bright is uniquely equipped to deliver aerospace-compliant solutions. Unlike other suppliers—who farm out supporting tasks—all our engineering, testing, and data collection capabilities are kept in house, fitted to meet the needs of aerospace lighting/electronics manufacturers.

All assemblies undergo extensive quality testing, including machine-based board-level tests based on AS9100 standards. American Bright provides the full spectrum of testing and reporting of parameters including burn-in, conformal coating and vibration tests. Our equipment automatically verifies each individual LED for color and brightness.

**With American Bright, you have more than a supplier: You have a partner with comprehensive expertise in the aerospace industry.**

## PRODUCTS

- Aircraft interior cabin lighting – full-color (RGB), bi-color, or white only
- LED lighting modules for passenger and freight aircraft
- Reading light modules
- Custom linear boards
- Other aircraft lighting and electronic applications

## TESTING

- Automated optical inspection (AOI)
- In-circuit testing (ICT)
- 24-hour burn-in testing
- UV conformal coating verification
- Vibration testing
- Color and brightness
- Reporting provided upon request