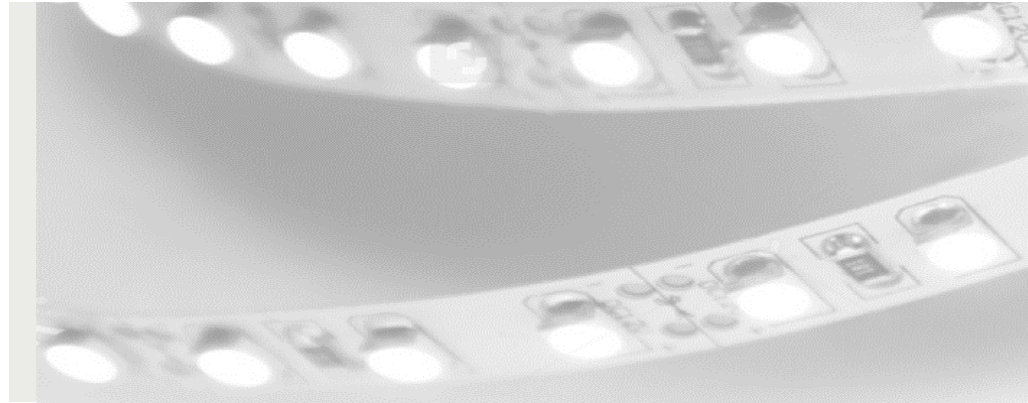


Introduction

If you find your screen is dull and colorless, upgrading to high powered LEDs will breathe new life into your unit, allowing for a vibrant and long-lasting display. AGDisplays provides advanced generation LEDs to bring high output while being low in power consumption.

Our LED design solutions are customized to your project's need, with design options and flexible brightness customization.

Design flexibility allows for edgelit design or direct backlight array options. Our Generation 4 LED rails provide high bright solutions while keeping a low environmental footprint. With small, powerful LEDs, our LEDs boast added protection with low power consumption.



About High Bright

Why High Bright?

- Flexible design options: edgelit array or direct backlight array, depending on design suitability
- High bright integration involves replacing outdated CCFL technology
- Backlight brightness upgraded to 1000 nits or higher
- Gen 4 LED rails provide longer lasting lifespan while having a low environmental footprint
- Allows for slimmer, lighter design
- Expertly matched LED controllers that feature constant current/ dimming capability
- Quantity and timeline forecast

When To Use This Service

- Need to increase display brightness
- Increase in brightness lifespan
- Need to keep low power consumption
- Need to upgrade from CCFL without expense of replacing whole unit

Prepare Details

- LCD part number
- Solution for existing or new design
- Resolution requirements
- LCD signal preferred (LVDS, CMOS, etc)
- LED controller requirement

Industries

- Avionics
- Financial
- Marine
- Marketing
- Medical
- Military
- Point of Sale
- Transportation

Customer Benefits

- Save energy: low power consumption with higher brightness output
- Protect unit against environmental factors: extreme humidity, frigid temperatures
- Smaller LEDs allow for increased resistance to shock and vibration.
- Small environmental footprint with efficient LEDs
- Environmentally safe: LEDs are ROHS-compliant; they are mercury- and lead- free and reduced EMI emissions.
- Overall lifespan is 10,000 to 100,000 hours
- Bundle with touch sensor integration for added benefits