



MegaFlashLED - 425K Lumen Flash

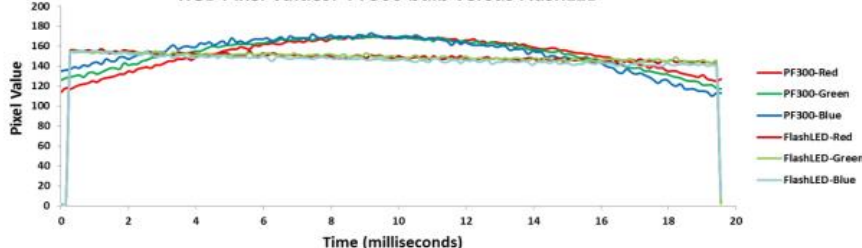
Reusable Flashbulb Replacement

Modular Electronic LED unit replaces PF-300

- Stable brightness over an extended flash period
- No degradation after thousands of cycles
- Efficient target illumination using molded optics
- Stable color temperature over the flash period



RGB Pixel Values: PF300 bulb versus FlashLED



SYSTEM OVERVIEW

Specification	Performance
Flash Duration	50 ms (Factory configurable 1-50ms)
Optical Output	~425,000 lumens
Surface Illumination @ 1 meter	3 million lux
Input Power	15 VDC/3 amps; Battery optional
Trigger Signal	TTL/Customizable; BNC connector
Weight	8.6 lbs. (3.9 kg.)
Dimensions	8.9 x 7.0 x 4.8 inches (226x178x122 mm)
Cycle Degradation – 1000 flashes	None measurable
Environmental	IP66/-40 to 65 °C
Output FoV	25 degrees full angle
Mounting	Adjustable bracket and ¼"-20 tapped



MegaFlashLED



Ultra-high brightness flash was originally developed for high-speed imaging of energetic military munitions. Applications include:

- High-speed camera lighting
- Flow experiments
- Long-range nighttime outdoor scene photography
- Tollway image capture

**Stable, Repeatable
High Brightness Flash**

Increased light output improves image fidelity and increases high-speed video resolution

The Nanohmics MegaFlashLED system provides the most stable flash lighting system for all your high-speed imaging and long-range nighttime photography needs.

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