

We create  
Photonic solutions

# Clearstone Technologies

CF2000Rev3.0

## UV LED Controller Power Supply

Drives up to three LED heads simultaneously  
Variable output level, timed exposures, Remote operation: USB interface & PLC interface



### Product Details

Mounting Fixture: Facilities for mounting one LED head above the controller Size: 20.3 x 17.2 x 24.1 cm<sup>2</sup>, Weight: 4.1 kg, Power Supply: Power input 115/230 VAC, 50-60 Hz

Accessory kit (Included with CF2000): Footswitch, 150mm mounting post, 200mm mounting post, post clamp, AC Power cable, goggles, USB cable, USB driver CD.

### Applicable CE Directives

**EN 55011: 2007 +A2: 2007, Group 1 (Class A Limit):** Industrial, scientific and medical (ISM) radio-frequency Equipment. Electromagnetic disturbance characteristics. Limits and methods of measurement. This standard can be used to show conformity to the Electromagnetic Compatibility (EMC) Directive 89/336/EEC.<sup>1</sup>

**FCC Part 15 Subpart B: Class A Limit:** The regulations under which an intentional, unintentional, or incidental radiator may be operated without an individual license. It also contains the technical specifications, administrative requirements and other conditions relating to the marketing of Part 15 devices.<sup>2</sup>

**Low Voltage Equipment Directive 2006/95/EC:** The Low Voltage Equipment Directive aims to insure that electric equipment with certain levels of voltages provides protection to the operators when operated with the intended use of the equipment. This Directive is applicable to equipment with AC input or output voltage between 50 and 1000 volts of alternating current and between 75 and 1500 volts of direct current.<sup>3</sup>



Clearstone Technologies Inc.  
625 St. Louis St., Unit 35  
Hopkins, MN 55343, USA  
Email: [info@clearstonetech.com](mailto:info@clearstonetech.com)  
Web: [www.clearstonetech.com](http://www.clearstonetech.com)  
Phone: (612) 824-4846

<sup>1</sup> "BS EN 55011:2007." *BSI Shop - Buy British Standards as PDF downloads or hard copies direct from the NSB for the UK.* N.p., n.d. Web. 17 Dec. 2009. <<http://shop.bsigroup.com/en/ProductDetail/?pid=000000000030040079>>.

<sup>2</sup> "Electronic Code of Federal Regulations." *GPO Home Page.* N.p., n.d. Web. 17 Dec. 2009. <<http://ecfr.gpoaccess.gov/cgi/t/text/text-idx?c=ecfr&sid=9b2504ce252b053e97b8a67e10dc3597>>

<sup>3</sup> "Electrical Safety: Low Voltage Directive (LVD) - Electrical engineering - Enterprise and Industry." *EUROPA - European Commission - Homepage.* N.p., n.d. Web. 17 Dec. 2009.