

Clearstone CF2000

**LED Controller Power Supply
USB Remote Operation**



CF2000 shown with JL1 LED head

RoHS
Compliant



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Clearstone CF2000 UV-LED Controller Power Supply

Capabilities

- Drives up to 3 LED heads simultaneously for multi angle illumination of complex targets.
- Channels self adjust to the drive requirements of various LED heads from Clearstone.
- Outputs are protected against abrupt plugging/unplugging of LED heads.
- Backwards compatible with CF1000 equipment

Operating Modes

- Manual timer mode
- Automatic timer mode
- Variable power setting


Remote Programming Capabilities

- Remote programming through USB input.
 - Set power level
 - Set exposure time
 - Turn on/off channels 1-3 individually
- Footswitch input
- RS232 interface option available
- User friendly operating manual



CF2000 Rear Panel

General Description

- Size: 20.3 x 17.2 x 24.1 cm² (HxWxD), 4.1 kg (9 lb)
- Power Supply: Power input 115/230 VAC, 50-60 Hz
- Mounting Fixture: Facilities for mounting one LED head above the controller
- Accessory kit (Included with CF2000): Footswitch, 6" mounting post, 8" mounting post, post clamp, AC Power cable, goggles, USB cable, USB driver CD.
- Warranty: Guaranteed against defective parts and labor for three (3) years
- RoHS Compliant 

LED Advantages

- High Reliability, Safe Low voltage, Instant Turn on, High Efficiency, Ozone Free, Mercury Free, No Infrared Heating of target

Compatible LED heads from Clearstone

Model	λ (nm)	LED Generation	LEDs (#)	Channels (#)	Active Area	Active Area (cm ²)	Light Power (Watts)	Irradiance (mW/cm ²)
LH365AG01	365	A	18	1	5 cm dia.	20	1.8	89
LH365BG02	365	B	18	1	5 cm dia.	20	2.4	118
LH395AG01	395	A	18	1	5 cm dia.	20	3.6	178
LH395BG02	395	B	18	1	5 cm dia.	20	5.4	267
JL1-365B-18	365	B	18	1	5 cm dia.	20	2.6	126
JL1-365E-18	365	E	18	1	5 cm dia.	20	4.0	195
JL1-395B-18	395	B	18	1	5 cm dia.	20	5.4	267
JL1-365B-24	365	B	24	1	2.5 cm x 7.5 cm	19	3.4	176
JL1-365B-48	365	B	48	2	5 cm x 7.5 cm	39	6.8	176
JL1-365E-24	365	E	24	1	2.5 cm x 7.5 cm	19	5.3	273
JL1-365E-48	365	E	48	2	5 cm x 7.5 cm	39	10.6	273
JL1-395B-21	395	B	21	1	2.5 cm x 7.5 cm	19	6.3	326
JL1-395B-42	395	B	42	2	5 cm x 7.5 cm	39	12.6	326
JL1-365B-395B-45	365/395	B/B	45	2	5 cm x 7.5 cm	39	3.4/6.3	176/326
JL1-365E-395B-45	365/395	E/B	45	2	5 cm x 7.5 cm	39	5.3/6.3	273/326
LN365-B-72	365	B	72	3	1.8 cm x 38 cm	69	9.6	139
LN395-B-72	395	B	72	3	1.8 cm x 38 cm	69	21.6	313

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