

Prop and Scenery Lights, LLC

www.propscenerylights.com

Quick Start Guide

(Kit – Candle Bi-Pin Lamp and Flicker Effects Control)

P/N: CBL-FEC-KIT-1



Kit Parts:

- 1) EEL1-CBL1: Enhanced Effects Light Candle Bi-Pin Lamp Assembly
- 2) FEC1: Flicker Effects Control
- 3) BHC1-8AA-12V: Battery Holder and Clip to DC barrel connector, 8 AA cell, 12 volt



This kit consists of a Flicker Effects Control (FEC1) with 6 different dynamic flame simulation flickering modes, a flame spectrum candle bi-pin LED lamp with socket assembly (EEL1-CBL1), and a 12 volt battery holder (BHC1-8AA-12V). This unit is a professional large format LED candle flame simulation light source for building props and scenery. The LED candle flame lamp operates from 12 volts DC at 80ma nominal current with light output of 30 lumens. The candle LED lamps average color temperature is an ultra-warm 1,450 kelvin. The kit is operated from 8 AA batteries, and runs for more than 12 hours on new alkaline batteries (not included). The cable socket assembly can be press fit into a 7/16" hole drilled into rigid foam, wood or other material. The taper of the socket body locks it into place, and the socket has a front flange to limit the insertion depth and provide a finished appearance. The FEC (Flicker Effects Control) functions are as follows:

- **The Light button** is used to set the control to static dimming mode while in any dynamic mode, pressing the mode; button starts the dynamic mode again.
- **The Speed (On/Off) button** provides ten speed levels for dynamic modes. In the static dimming mode this button provides dimming in 12 steps, 10% - 95%. This button is also used to turn the unit off when it is held longer than 3 seconds Ref.
- **The Mode button** provides six dynamic effects, and the Static dimming mode.

Mode #	Average Light Level	Flicker Trough – Depth Max.	Ref. Application
1 flicker med - low	68.5%	60%	candle / lantern
2 flicker med - hi	60.0%	70%	candle / lantern
3 flicker - low	82.5%	50%	candle / lantern
4 flicker - hi	62.0%	80%	fire / ember
5 surge fade - med	75.5%	80%	fire / ember
6 surge fade – hi	62.0%	90%	fire / ember
7 static dimming	0% to 100%	N/A	dimming

Notes:

- 1) The control retains the last settings when turned off.
- 2) If used for video, film, or photography projects, check for image banding lines as the LEDs switching rate may or may not be compatible. Banding lines can result from the FPS (Frames Per Second) or other aspects of the camera system or settings used.
- 3) When an external power supply is used it must be 12 volts DC. The power connector needs to be compatible with the 2.1mm x 5.5mm DC barrel connector with a positive center connection

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