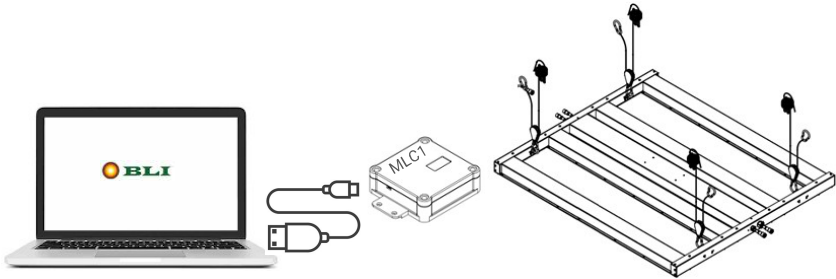




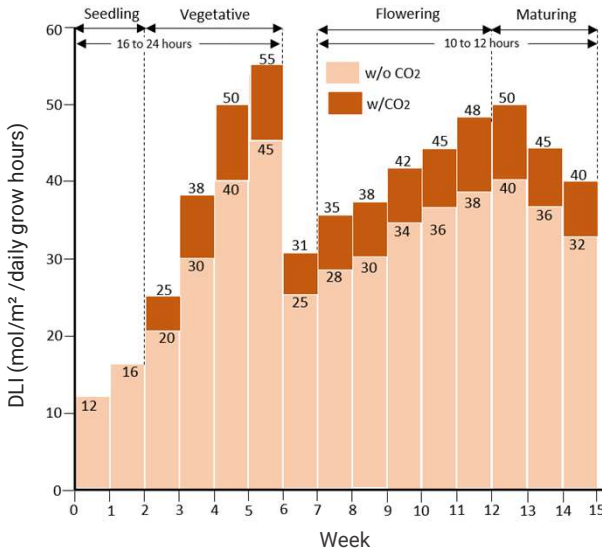
## MLC1

# Lighting Controller for MoonWalker Grow Light

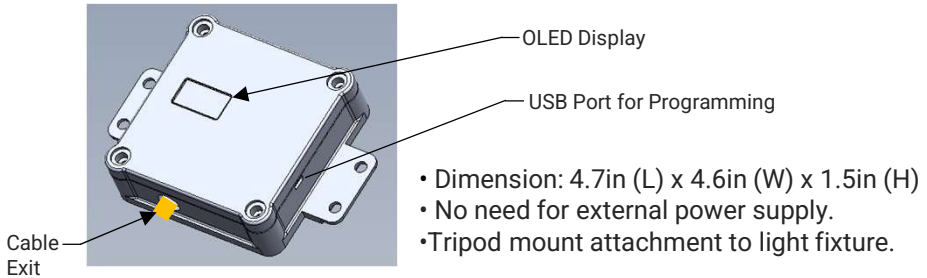


Boulderlamp Windows-based programmable lighting controller MLC1 enables growers to control up to 100 MoonWalker light fixtures. Flowering or vegetative growth periods can be divided into multiple segments. You can program light level and number of days for each segment independently. You can also set cycling light beam interval by using this controller.

### MoonWalker lighting controller - Set your Daily Light Integral (DLI) recipe



## MLC1 lighting controller programming and application



A USB cable establishes communication between a computer and the MLC1 lighting controller. The controller has a Real Time Clock (RTC) and a 1.6 in OLED display for maintaining and displaying accurate time and date.

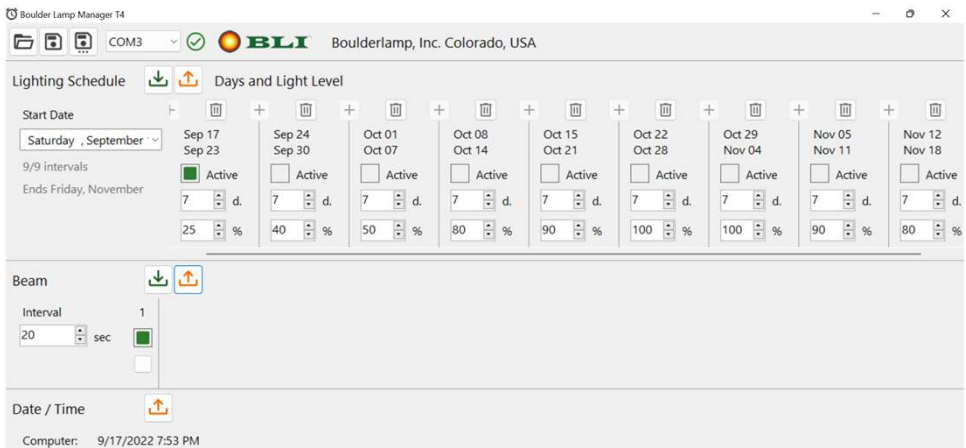
### Setting the Days and Light Level

Open BoulderlampManger in your desktop or laptop. Enter number of days and light level in “Days and Light Level” boxes. Upload data to the lighting controller by clicking on the arrow button above the first box.

### Setting Beam Interval

Enter cycling beam interval in seconds in the “Beam Interval” box and upload data to controller by clicking on the arrow button above the box.

## Screenshot of Default Flowering Light Level/Recipe by Week



The screenshot shows the Boulder Lamp Manager T4 software interface. The window title is "Boulder Lamp Manager T4". The interface includes a menu bar with "COM3" and the BLI logo. The main area is titled "Lighting Schedule" and "Days and Light Level". It displays a weekly schedule starting from Saturday, September 17, to Sunday, November 12. Each day has a "9/9 intervals" indicator, an "Active" checkbox, and a light level percentage. The light levels are: Sep 17 (7%), Sep 24 (40%), Oct 01 (50%), Oct 08 (80%), Oct 15 (90%), Oct 22 (100%), Oct 29 (100%), Nov 05 (90%), and Nov 12 (80%). Below the schedule is a "Beam" section with an "Interval" of 20 seconds. At the bottom, the "Date / Time" is shown as "Computer: 9/17/2022 7:53 PM".