

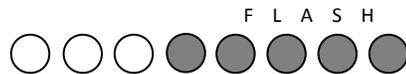
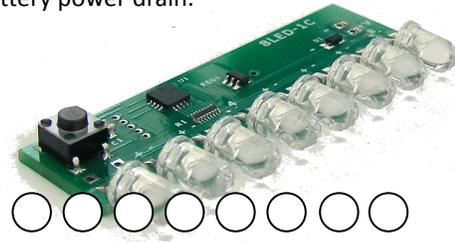
**LED CHASERS PLUS
8 LED PATTERN GENERATOR
PART NUMBER 8LED-1C**

This chaser board produces multiple patterns and is controlled by a single momentary button. The auto power-off after 15 minutes or requested time allows you to set it and forget it worry free of battery power drain.

Single Button Operation:

Five functions triggered by the length of time control button is pressed.

1. Tap once to change patterns.
2. Press, hold for 0.5 seconds until **2 LEDs start flashing**, release. Unit will power off.
3. Press, hold for 1.0 seconds until **3 LEDs start flashing**, release. Unit will toggle between Continuous and Cycle mode. Continuous repeats the current pattern. Cycle runs all the patterns 3 times each.
4. Press, hold for 1.5 seconds until **4 LEDs start flashing**, release. Unit will toggle between Bright and Dim mode. Bright mode is the default. Dim mode lowers the brightness level.
5. Press, hold for 2.0 seconds until **5 LEDs start flashing**, release. Unit will toggle between Enable/Disable Auto Power-off mode.
6. Double Tap at any time to change from Speeds 1 to 9. Speed 5 is the default.



Pattern and Mode settings are retained even after power removal.

POWER:

Unit functions from 3v to 12v DC input and is voltage regulated from 3.6v to 4.0v.

| | | | |
|-----------------|--|--------------------------|---|
| Supply | 3v to 12v DC | | |
| Current | 10ma to 130mA (pattern dependent) 10mA average | | |
| Battery Options | 4-AA case 300+ hours | 9v battery 150+ hours | External power source: Unlimited hours |

LEDS / Board:

- Lens Styles = 5mm, 3mm, 1.8mm, 4mm to 2mm (SMT) Surface mount
- Board = 15.6 x 60.0 (mm) // 0.61 x 2.36 (in)

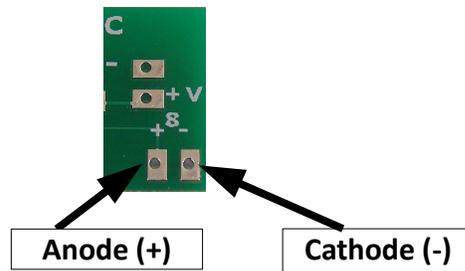
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LED INSTALLATION:

1. Grip the LED and bend the leads down flush with the epoxy body at 90 degrees.



2. Insert the LED into the holes on the board. Align the negative (-) lead with the negative pad. Solder the leads now or cut to board thickness then solder.



3. Connect external button control to pads under SW1. Use a single pole single throw momentary button.

Connect external power to pads (-) and +V.

