

Prop and Scenery Lights, LLC
www.propscenerylights.com
Product Specification Sheet
(Wave Effects Control, LED Water Simulation)
LED Lighting Control P/N: WEC1



Electrical Characteristics

- 1) Input voltage 5.0 - 24 volts DC LED Lighting Systems, 1.0 amp Max. at 5-12 volts and 0.50 amp Max. at 24 volts.
- 2) Output rating: 12 watts Max. The WEC1 controls (switches) the negative (-V) power, the positive (+V) passes though the unit. Idle current when off 4-6ma typ. When battery operated, disconnect battery before storage to prevent draining.
- 3) Operation usage temperature range, within -4°F to +140°F
- 4) Control Button functions:
 - **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 twenty speed levels for dynamic modes. Allow a 3 second pause when switching speed steps for the dynamic modes as the controller has a built-in delay before accepting a new step. 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 #
1 Wave / Ripple (Shallow)
2 Wave / Ripple (Storm)
3 Wave / Ripple (Average)
4 Wave (Rough Surf)
5 Wave (Storm Swells)
6 Wave (Deep Swells)
7 static dimming

Mechanical Characteristics and Notes:

- 1) The body measures a nominal 1.4" length, 0.6" wide and 0.2" thickness. The overall end to end length of the entire body and cable assembly is 12.0" Ref. The body cover color of the WEC1 is blue, cables are black.
- 2) Power connection is via DC barrel connectors 2.1mm X 5.5mm, with 5.0" cable length. Input = Jack output = Plug.
- 3) Module body and cables are black in color. For installation in moisture protected environment. Rohs, PB-Lead free
- 4) The control retains the last settings when power to the unit is cycled On and Off.

Connector style

Jack 2.1mm X 5.5mm

Plug 2.1mm X 5.5mm

