

# Timer Mode B - 24 Hour ON/OFF Time with Full Light Cycle

Timer B Mode allows you to program the Serene LED aquarium light with daily Sunrise, Daylight, Sunset and Moonlight. In addition, the background light and audio can also be programmed to run daily along with Daylight.

Serene's Timer B program consists of four photoperiods:

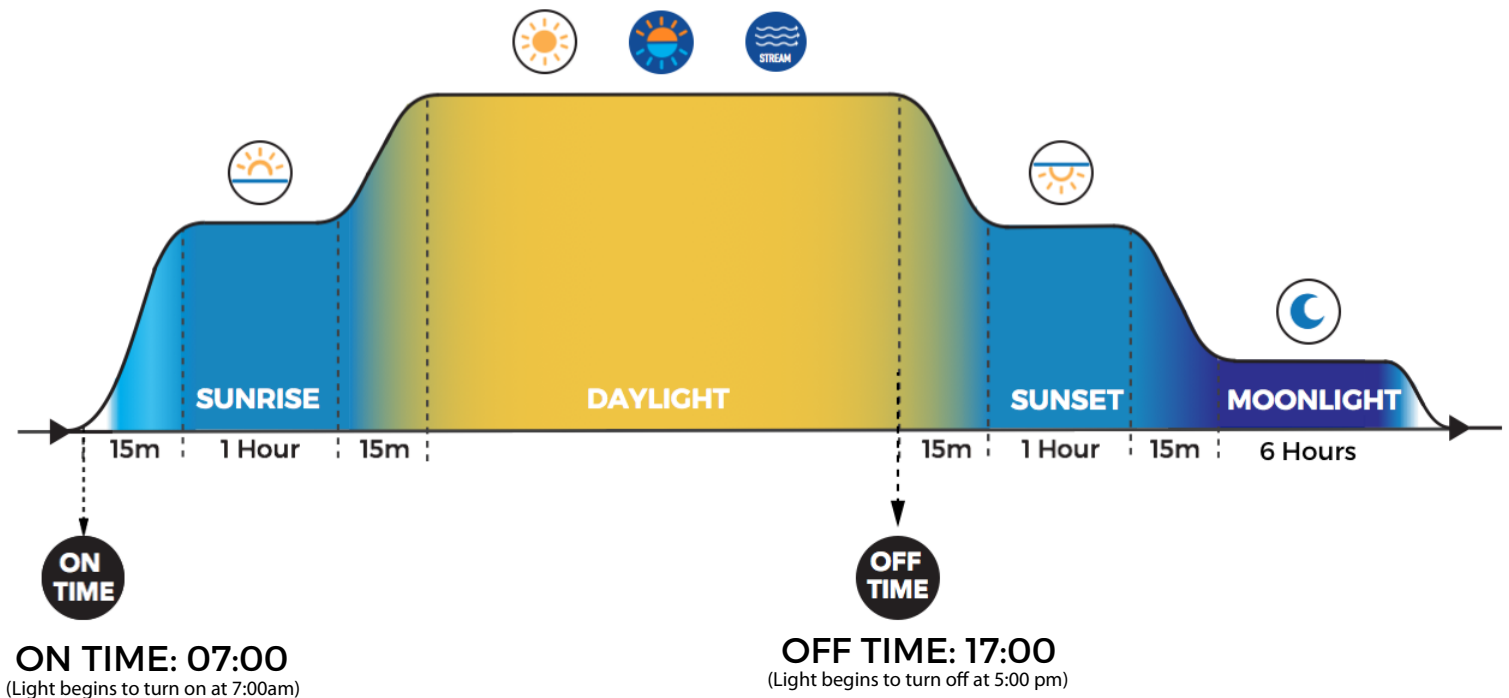
**Sunrise** - 15min ramp into a 1 hour color spectrum, followed by 15min ramp to Daylight

**Daylight** - color spectrum runs until OFF time is reached. (Background light & audio optional.)

**Sunset** - 15min dim into a 1 hour color spectrum, followed by 15min dim to Moonlight

**Moonlight** - runs a color spectrum for 6 hrs., then turns off

The below diagram shows the default Timer B program installed with Serene:



## PREPROGRAMMED DEFAULT:

**Sunrise/Sunset Color:** R-75%, G-5%, B-75%, W-50%

**Daylight Color:** R-100%, G-100%, B-100%, W-100%

**Background Light:** Blue-Orange Fade

**Audio:** Stream, 50% Volume

**Moonlight Color:** R-5%, G-0%, B-10%, W-0%

**"M":** 100% Red

## Programming Instructions:

There are 4 basic steps to programming Serene in Timer B Mode:

STEP 1: Programming Clock & ON/OFF Times

STEP 2: Setting & Adjusting Sunrise/Sunset, Daylight, Moonlight Color Spectrums





STEP 3: Programming Background Light & Audio Programs

STEP 4: Confirming Timer B Mode Setting





## Programming Instructions:

### STEP 1: Programming Clock, Daily ON & OFF Time





#### a. Setting Clock (Time is in 24:00 Hrs)

-  1. Press: SET CLOCK - Controller Displays: "S-CL"
-   2. Press: HOUR+ & MINUTE- until current time of day is displayed
-  3. Press: ENTER - Controller Displays "Ent"
4. Current time of day in 24:00 hrs. is now saved

#### b. Setting ON TIME




-  1. Press: ON TIME - Controller displays:"
-   2. Press: HOUR+ & MINUTE- until desired ON time is displayed
-  3. Press: ENTER - Controller Displays "Ent"
4. ON TIME now saved

#### c. Setting OFF TIME



-  1. Press: OFF TIME - Controller displays:"
-   2. Press: HOUR+ & MINUTE- until desired OFF time is displayed
-  3. Press: ENTER - Controller Displays "Ent"
4. OFF TIME now saved

### STEP 2: Setting & Adjusting Daily Color Spectrums\*




#### a. Setting / Adjusting Daylight Color

-  1. Press: Daylight Key - Controller Displays: "L1"
-  2. Press RGBW Keys until desired color spectrum is displayed
-  3. Press: ENTER - Controller Displays "S1", setting saved

#### b. Setting / Adjusting Sunrise/Sunset Color

-  1. Press: Sunrise/Sunset - Controller Displays: "L2"
-  2. Press RGBW Keys until desired color spectrum is displayed
-  3. Press: ENTER - Controller Displays "S2", setting saved





#### c. Setting / Adjusting Moonlight Color

-  1. Press: Moonlight Key - Controller Displays: "L3"
-  2. Press RGBW Keys until desired color spectrum is displayed
-  3. Press: ENTER - Controller Displays "S3", setting saved





\*Note: See last page for color spectrum recommendations.

### STEP 3: Programming Background Light & Audio (runs during Daylight ONLY)




#### a. Programming Background Light


-  1. Press "S", controller will display "S-CS"
  -  2. Select any of the four background fade programs (Blue-Orange Fade, Blue-Green Fade, Orange-Red Fade, RGB Fade or OFF)
- OR
-  Set a static background color "M" (See last page for programming steps)
  -  3. Press "ENTER" at bottom of remote, controller will display "Ent", setting saved

#### b. Setting Audio Program & Volume

-  1. Press "S", controller will display "S-CS"
-  2. Select any audio sound program (Stream, Stargaze, Rainstorm, Forest)
-  3. Adjust volume (To turn audio off, press volume key until display reads "U0")
-  4. Press "ENTER" at bottom of remote, controller will display "Ent", setting saved




## STEP 4: Confirming Timer B Mode Setting

- S** 1. Press: "S", display will read "S-CS" to confirm your selected Custom Scene is has been saved\*  
 (\*Note: display will also show ESC - this confirms no changes were made to Scene.)
-  2. Press: TIMER A/B key until display reads "t-B"
-  3. Press: ENTER to save, display will read "Ent"
-  4. Press: "RESUME TIMER" on remote to put Serene into Timer B 24 Hour mode

\*\*Feel free to use any of Serene's on-demand programs and enjoy. To put Serene back into Timer B Mode, simply press "RESUME TIMER" 

## ADDITIONAL PROGRAMMING TIPS

To program a Custom Static Background Color (M)

-  1. Press: RGB FADE key, display reads "b-03", background colors will fade
-  2. When the desired color is displayed, press the RGB FADE key again to pause
- M** 3. Press and hold "M" key for 5 seconds, display will read "b-SC", setting saved
-  4. Press: "RESUME TIMER" to go back into timer mode.






















































































## Recommended Freshwater Lighting Schedules

Fish Aquariums: Daylight 8-10 hrs. (provides a total of 11-13 hrs. w/Sunrise & Sunset)

Planted Aquariums: Daylight 7-8 hrs. (provides a total of 10-11 hrs. w/Sunrise & Sunset)

## Recommended Color Spectrums (Timer B Mode)

The below color spectrum recommendations are what we have found best enhance the colors in fish while also keeping algae growth to a minimum. Please feel free to customize Serene's color settings to transform your aquarium into an amazing experience!

MAIN AQUARIUM LIGHT					BACKGROUND LIGHT
Adjust color using    					
AQUARIUM TYPE	 SUNRISE SUNSET	 DAYLIGHT	 MOONLIGHT		
Community Fish	   	   	   	 RGB Fade	
Livebearers	   	   	   	 Blue Orange Fade	
African Cichlids	   	   	   	 RGB Fade	
SA Cichlids	   	   	   	 Red Orange Fade	
Fluorescent Fish	   	   	   	 Blue Green Fade	
Planted Aquariums	   	   	   	 RGB Fade	

For additional color spectrum tips and video instructions, visit:

[www.current-usa.com](http://www.current-usa.com)