

800 Strand - 25 Watt RGBW Dimmable Master/Slave



Technical Data

Power consumption: 25 Watts

Color: RGBW (Red, Green, Blue, and White)

Twinkle Wheel (Installed)

Light Source: 8 Three Watt LEDs (2 Red, 2 Blue, 2 Green, 2 White)

Estimated Life of LEDs: 50000 hours

Fiber Bundle: Zip Tied Bundles For Faster Installation

Size: L125 x W126 x H 88mm (L 4.92 in x 5 in x 3.15 in)

Net weight of Light Engine: 0.6 Kg (1.4 lbs)

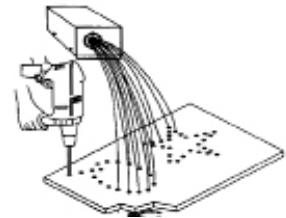
Battery for the Remote: The battery for the remote is a 12 Volt 27A. The battery dimensions are 1" x .30" or 28mm x 8mm. **Note:** Be extremely careful when removing the three (3) tiny screws out of the remote. The screws are holding the entire remote casing together.

800 Strand Kit - Two 400 Strand Bundles

Fiber Length Options: .75mm diameter fiber bundle at 13, 20, 25, or 30 feet long lengths.

Installation Of The Fiber Ends

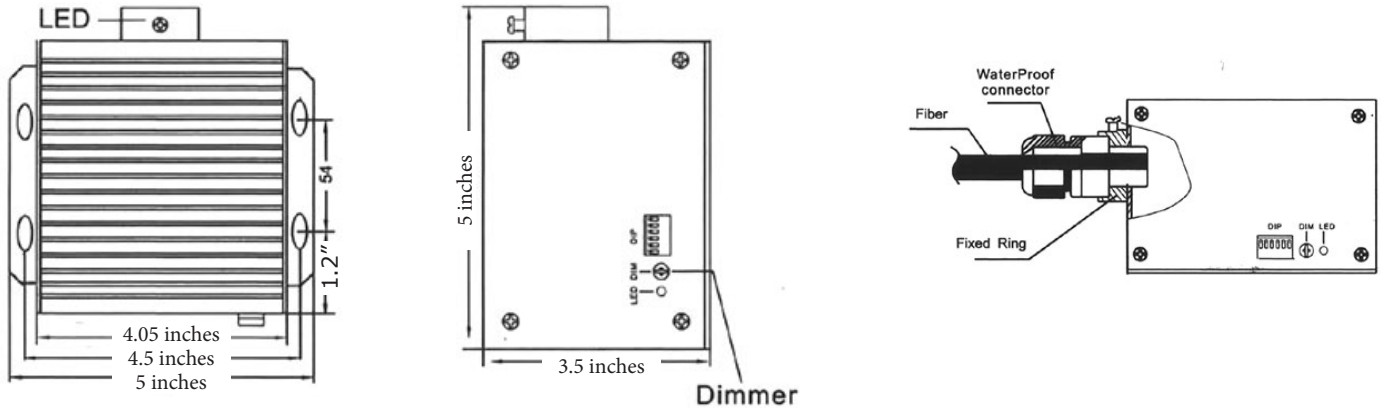
Installer should stand on a ladder to unravel the fiber bundle as gravity will help free them up. Drill holes on the panel or ceiling you wish to install the fiber optic cables. Pull the fibers through the holes and use glue (we recommend using Elmer's All Multipurpose White Glue) to secure the fibers in place.



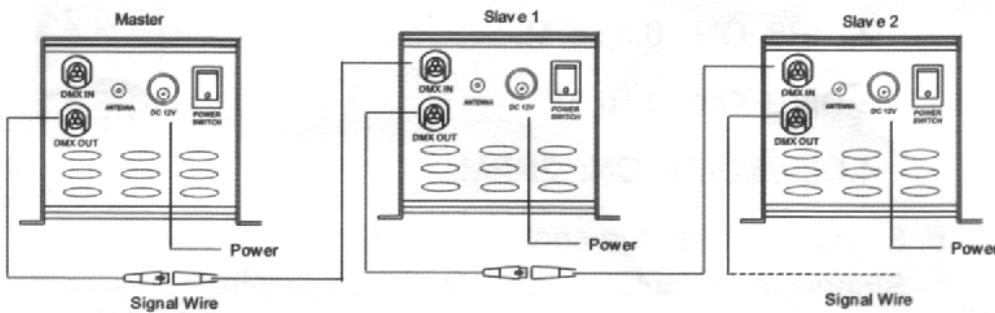
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Installation

The installation dimension of the Light Engine.



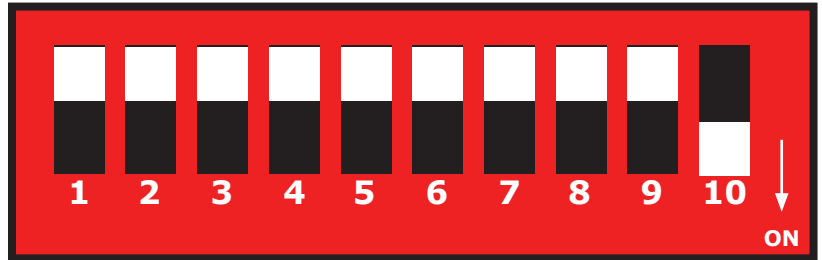
Master and Slave Signal Wire Connection.



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Master Control DIP Switch Settings

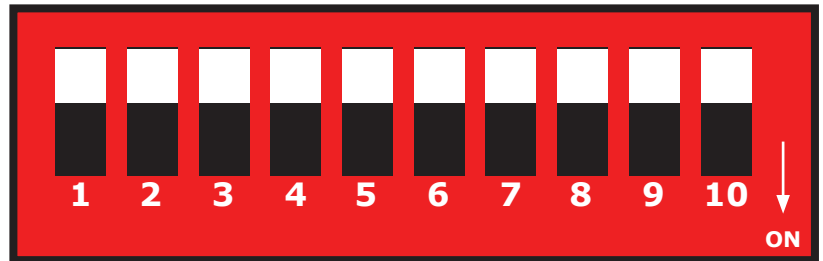
To set the Master Illuminator. Set the 10 DIP Switch to the ON Positions. (Pushed Down)



Master Illuminator Settings

Slave Control DIP Switch Settings

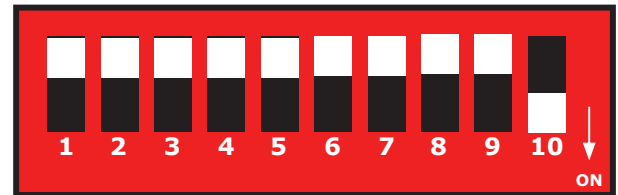
To set the Slave Illuminator. Set the 10 DIP Switch to the OFF Positions. (Pushed UP)



Slave Illuminator Settings

RF remote settings

Control the Illuminator with the RF remote by setting the 10 DIP Switch to ON for only the MASTER Illuminator.



Master Illuminator RF Remote Settings



Turn ON/OFF the Illuminator
Increase or Decrease Speed or Brightness.
White Mode (White or RGB White)
Static Color Mode
DIY Brightness Adjustment
DIY Color Save Button
3 Color Jump
7 Color Jump
3 Color Fade
7 Color Fade
Wheel ON/OFF
Wheel Speed Settings

RF remote Master Slave Twinkle wheel settings

Master Illuminator wheel speed can be controlled by the remote

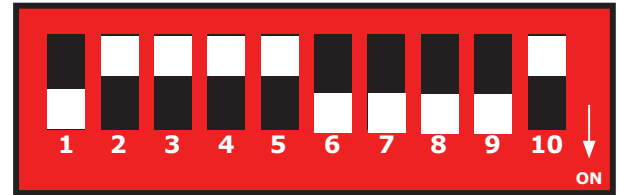
Slave Illuminator wheel speed needs to be controlled by DIP 8 and DIP 9.

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Color Change DIP Switch Settings

Control the Color show with the DIP Switches on only the MASTER Illuminator.

- DIP 1 ON = 7 Color Fade Show (W,B,PP,R,Y,G, Sky-B)
- DIP 2 ON = 7 Color Skip Show (W,B,PP,R,Y,G, Sky-B)
- DIP 1 & 2 ON = 3 Color Skip Show (Red, Blue, Green)
- DIP 3 ON = 7 Color Fade In and Out (W,B,PP,R,Y,G, Sky-B)



Master Illuminator Settings

Solid Color DIP Switch Settings.

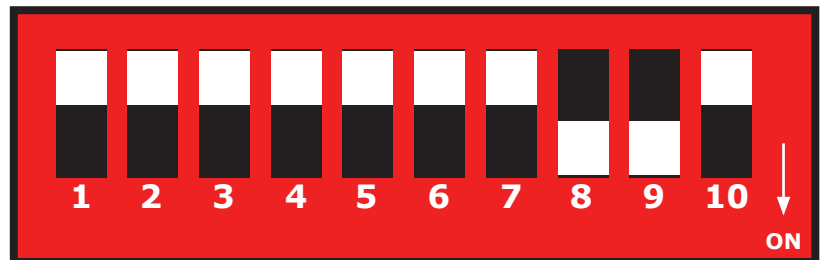
Control the Solid Color with the DIP Switches on only the MASTER Illuminator.

- DIP 2 & 3 ON = Green
- DIP 2, 3, & 4 ON = Blue
- DIP 4 ON = Yellow
- DIP 1 & 4 ON = Purple
- DIP 2 & 4 ON = Sky-Blue
- DIP 1, 2, & 4 ON = White

Twinkle Wheel Speed DIP Switch Settings

Control the Twinkle wheel speed with the 8 - 9 DIP Switches. Set BOTH the Master and Slave DIP switches to the SAME settings.

- DIP 8 -9 OFF = Wheel is Off
- DIP 8 ON and 9 OFF = .5 RPM Wheel Speed
- DIP 8 OFF and 9 ON = 1 RPM Wheel Speed
- DIP 8 ON and 9 ON = 2 RPM Wheel Speed

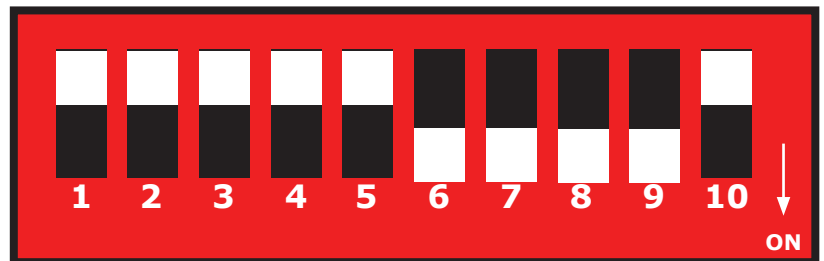


Master and Slave Illuminator Settings

Color Change Speed Show DIP Switch Settings

Control the Speed of the change of the color show. By using the 6-7 DIP Switches only on the MASTER Illuminator.

- DIP 6 -7 OFF = .5 second speed change
- DIP 6 ON and 7 OFF = 1 second Speed
- DIP 6 OFF and 7 ON = 1.5 second Speed
- DIP 6 ON and 7 ON = 2 second speed



Master Illuminator Settings