WieDaMark ////

656 3 Size Star - 25 Watt RGBW Dimmable Master/Slave
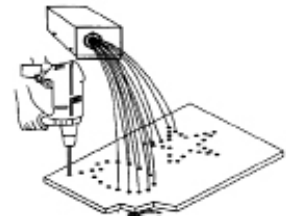
**UL Rated
12VDC
Transformer
with US Plug.**

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 re-
moving the three (3) tiny screws out of the remote. The
screws are holding the entire remote casing together.

**656 Strand Kit** - Two 328 Strand Bundles

Fiber Length Options:	• Two 328 strand bundles available in 13.2, 20, 25, or 30 feet lengths • One 16.4 and One 25 feet lengths
Fiber Diameters:	240 - 0.75mm, 80 - 1.0mm, and 8 - 1.5mm

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
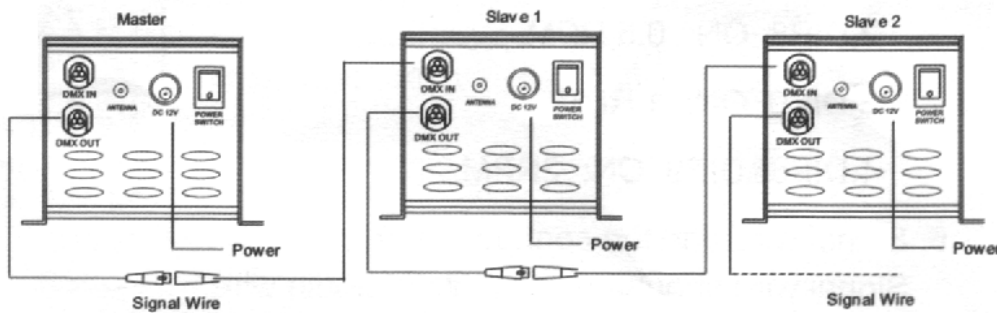Glue) to secure the fibers in place.

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Installation

The installation dimension of the Light Engine.
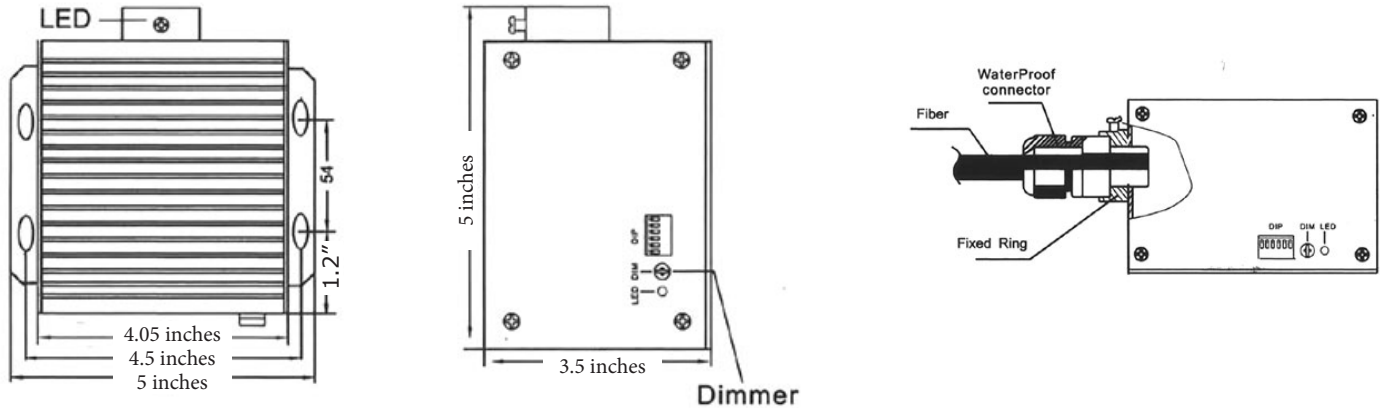
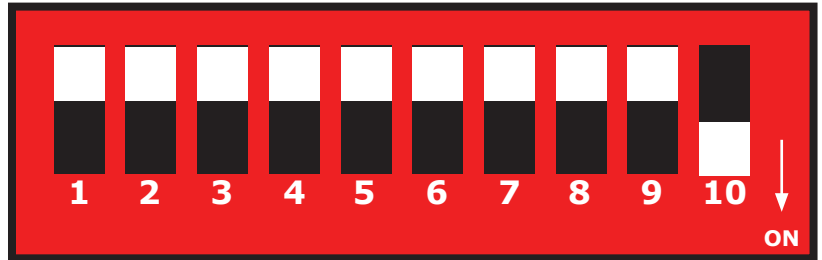### Master and Slave Signal Wire Connection.

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656 3 Size Star - 25 Watt RGBW Dimmable Master/Slave
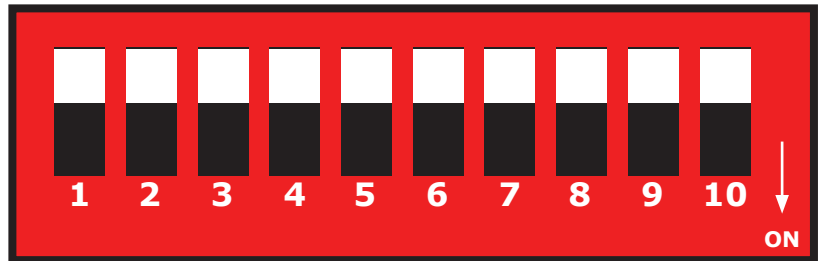
Master Control DIP Switch Settings
To set the Master Illuminator. Set the 10 DIP
Switch to the ON Positions. (Pushed Down)

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | ON |

Master Illuminator Settings

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

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | ON |

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.

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | ON |
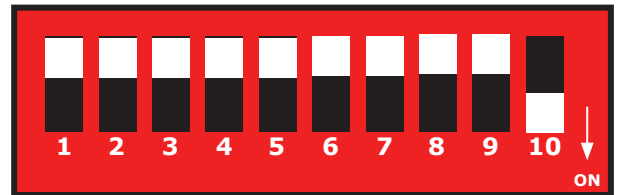
Master Illuminator RF Remote Settings

	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 Controller

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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656 3 Size Star - 25 Watt RGBW Dimmable Master/Slave

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)
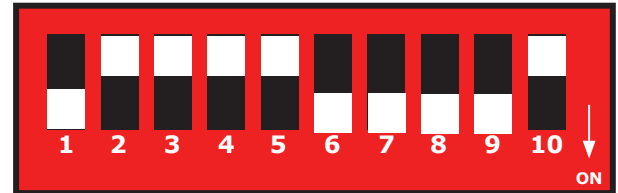
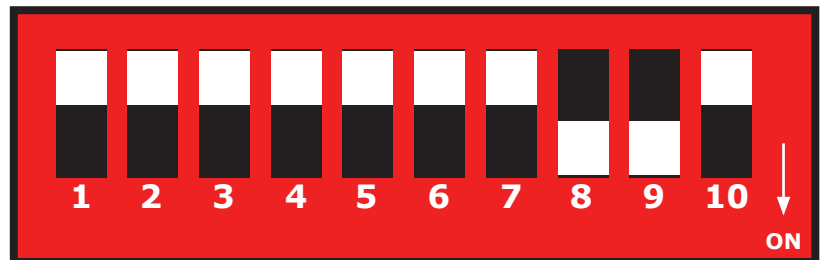**Master Illuminator Settings**

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

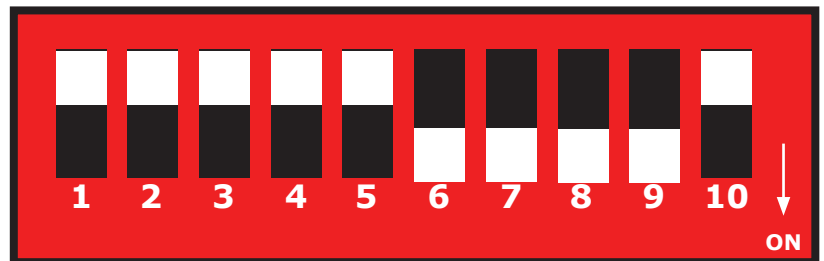**Master and Slave Illuminator Settings**

**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