

LASER WIRE™ SYSTEM BY FUTURE ILLUMINATIONS

Quickstart Guide

Thank you for your purchase of the next generation of lighting! Meet OpalDrive Laser Wire system; the brightest, most efficient, longest lasting, light weight, thin and most flexible lighted wire on the planet! This Quickstart Guide contains operating and safety procedures, laser information and more.

Operation and Uses:

Turning on the Opal Drive: Press and hold the power button on the end of the drive for 3 seconds.

Features two modes: mobile operation & fixed installation modes.

Mobile operation: Opal Drive will charge when plugged into USB power while powered off. After holding the mode button for three seconds, Opal Drive will power on.

Fixed installation: Opal Drive powers on whenever power is applied via the Micro B USB connector, allowing for external control. You will know the drive is in this mode when the green light by the power button comes on. Toggle between fixed and installation mode via the slide switch.

Switching Between Constant, Blink & Fade Modes:

Once the Opal Drive is powered on, you will be able to change the laser appearance *while you are operating in both Mobile Operation and Fixed Installation Mode*, by pressing & holding the button for 1.5 seconds. Pressing the button for 1.5 seconds will cycle your Opal Drive through the modes and subsequently change the aesthetic quality of the laser. This also protects against accidental button pressing to ensure Opal Drive won't change modes unless you want it to.

Constant Mode: The laser will stay on and the brightness stays constant until you power off the device or change modes. The Opal Drive will start in this mode.

Blink Mode: The laser will blink consistently on and off from dark to light.

Fade Mode: The Laser will consistently fade in brightness to transition from dark to light.

Turning the Opal Drive off:

To turn the power off on the Device, press and hold down the button for 3 seconds.

Charging the Drive:

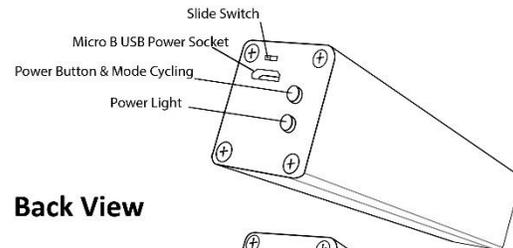
After you are done using the Opal Drive, be sure to charge it. The battery life will be close to 24 hours for Red Lasers in Mobile Operation mode, but should be charged after long uses, or when you see the light on the device turn to orange. The orange light means that the device is low on power. Charge your Opal Drive by connecting it up to a standard USB. While Charging the Opal Drive, the light on it should be green to let you know that it is successfully charging.

You will know that your Opal Drive is fully charged when the light turns off. When the LED goes from being green to turning off completely your battery is fully charged and ready to go!

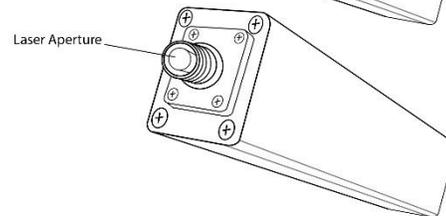
Recommendations for Safe Operation:

- Connect the Laser wire to the drive before you connect the power.
- Do not get the Opal Drive wet, even if it is turned off.
- Avoid Direct Eye Exposure and be mindful of the direction in which the aperture is pointing when it is not directly connected to a laser wire.

Front View



Back View



Operating temperature: 14°F to 149°F

Safe humidity range: 0 - 90%

Approximate Battery Life:

24 hours in constant mode on Red Opal Drives.

On Green and Blue drives, the charge will last for roughly 12 hours.

Battery charge cycle lifespan: 500 - 1000 cycles

Battery Capacity: 2200mAh

Charge the Opal Drive by using a standard Mini USB

Charging Input Voltage: 5V DC via micro USB

Recommended Charging Current: 500mA - 1000mA

Lifetime of Opal Drive - 7,000-10,000 hours

Circuit protection against static, overheating, excessive discharge and voltage stability

Red, Green, or Blue OpalDrive Laser Specs for Laser Wire system

Output wavelength is 650, 520, and 450nm [respective of color]

Power: Red [30mW] Blue [30mW] Green [30mW]

Brightness: ~1000cd/m

Dimensions: 22.6mm X 25.5mm X 116mm

[0.889in X 1.003in X 4.567in]

Troubleshooting:

If you have thoroughly read the above processes on how to operate your device and need further assistance from us on a device that isn't working, technical support is available from Ellumiglow.

Get in contact with us in person, on the phone or through email.

Support: 877-615-6556 | Support@ellumiglow.com

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