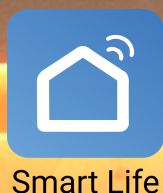


# EnoDim Tunable White Series

Smart Driver & Dimmer Switch in One



The Driver  
is Inside



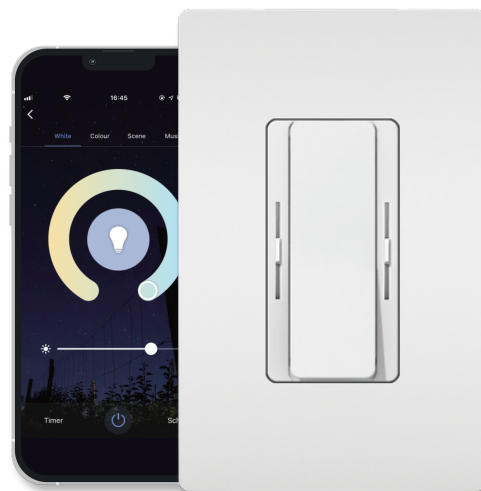
## EnoDim Tunable White Series

### Smart Driver & Dimmer Switch in One



### Features

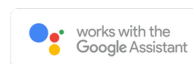
- Tunable White Control
- Smart Life - App / Voice Control
- Integrated Driver & Dimmer Wall Switch
- Fits directly into a standard recessed electrical box—no separate driver space required.
- Soft dimming down to 0.1%
- Single-Pole & 3-Way
- Compatible with COB LED tape
- No minimum load required
- Fits Standard Wall Plates
- Retail-Ready Packaging
- Prevents Drop with Adjustable Output
- Compliant with Title 24 Part 6 Flicker Requirements
- Matches Existing Decora Switches



\*Wallplate not included



Smart Life



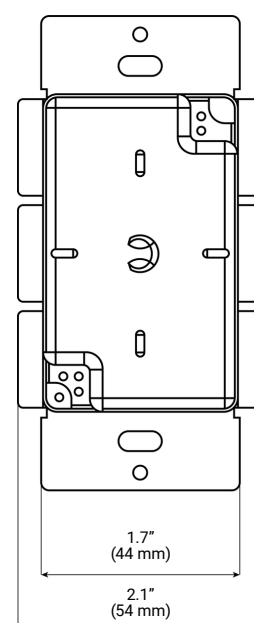
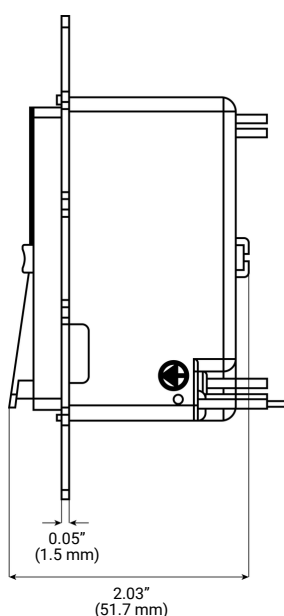
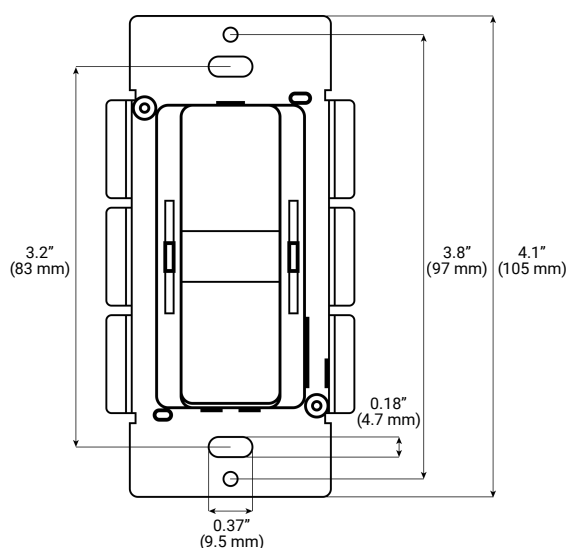
### Dimming

|                     |             |
|---------------------|-------------|
| Min. Dimming Level: | 0.1%        |
| Dim to off:         | Yes         |
| Dimming Curve:      | Linear      |
| Dimming type:       | PWM (20KHz) |

### Applications

- LED strip
- LED tape
- Cove lights
- Linear lights
- Puck lights

### Mechanical Overview



# EnoDim Tunable White Series

## Smart Driver & Dimmer Switch in One



### Specifications

| Input                | Ordering Code: | EnoDim-96-24-CCT-W-S |
|----------------------|----------------|----------------------|
| Input Voltage Range: |                | 120VAC               |
| Input Frequency:     |                | 60Hz                 |
| Power Factor:        |                | ≥0.99                |
| Input Current:       |                | 0.9A max             |
| Inrush Current:      |                | 50A, 150us@50%Ipeak  |
| Efficiency:          |                | 91%                  |
| THD:                 |                | ≤10%                 |
| Leakage Current:     |                | <0.5mA               |

### Output

|                    |                                |
|--------------------|--------------------------------|
| Output Voltage:    | 24VDC (24V-26V adjust by knob) |
| Voltage Tolerance: | ±0.5V                          |
| Load Regulation:   | ≤1%                            |
| Line Regulation:   | ≤0.5%                          |
| Rated current:     | 4A                             |
| Rated power:       | 96W                            |

### Environmental

|                          |                                                                       |
|--------------------------|-----------------------------------------------------------------------|
| Operating Ambient Temp.: | 40°F - 104°F (-40°C - 40°C)                                           |
| Working Humidity:        | 20 - 95%RH non-condensing                                             |
| Storage Temp.:           | -40 - +80°C, 10 - 95% RH non-condensing                               |
| Temp. Coefficient:       | ±0.03%/°C(0 - 50°C)                                                   |
| Vibration                | 10~500Hz, 2G 12min./1 cycle, period for 72 min. each along X,Y,Z axes |

### Protection

|                              |                                                                                                 |
|------------------------------|-------------------------------------------------------------------------------------------------|
| Over Temperature Protection: | Shell surface temperature 100°C±10°C shut down o/p voltage, automatically recover after cooling |
| Overload Protection:         | ≥110% Hiccup mode, recovers automatically after fault condition is removed                      |
| Short Circuit Protection:    | Hiccup mode, recovers automatically after fault condition is removed                            |

### Enclosure

|             |                          |
|-------------|--------------------------|
| Net Weight: | 0.55lbs (0.25kg)         |
| Dimensions: | 4.134" x 2.126" x 1.996" |

### Safety & EMC

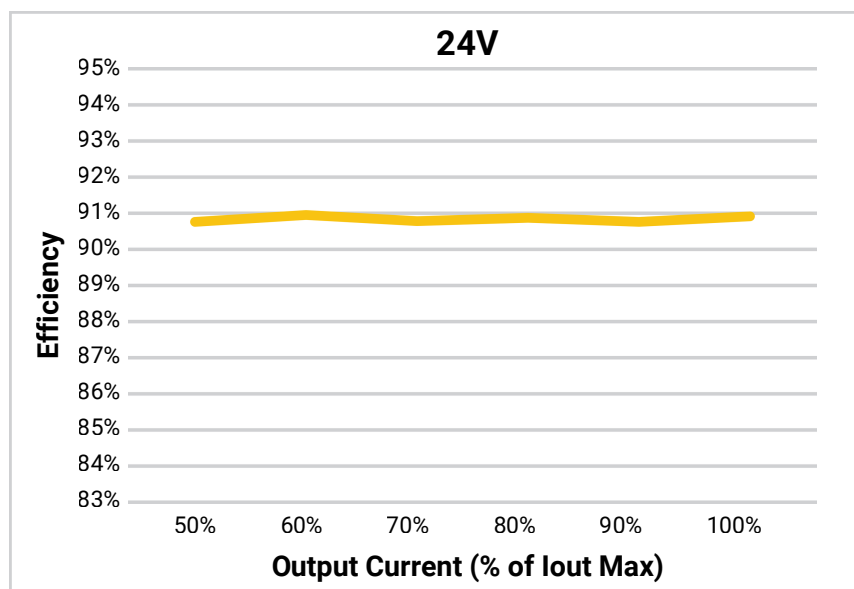
|                       |                                                      |
|-----------------------|------------------------------------------------------|
| Safety standards:     | UL8750 CAN/CSA-C22.2 No.250.13 (US)                  |
| Withstand voltage:    | I/P-O/P:1.8KVAC I/P-F/G:1.8KVAC O/P-F/G:0.5KVAC (US) |
| Isolation resistance: | I/P-O/P:100MQ / 500VDC / 25°C / 70% RH               |
| EMC Immunity:         | FCC/ICES do not request this test (US)               |
| EMC Emission:         | FCC Part15 Subpart B ANSI C63.4:2014 (US)            |

## EnoDim Tunable White Series

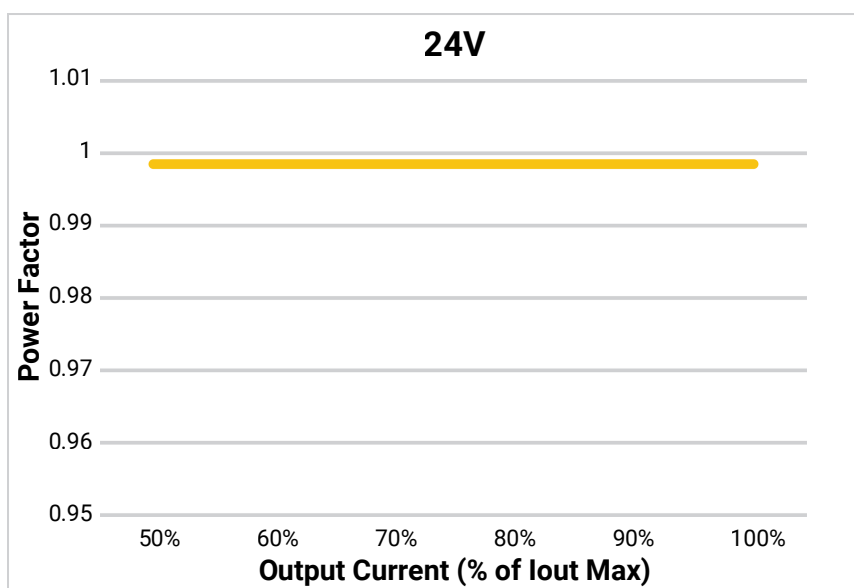
Smart Driver & Dimmer Switch in One



### Efficiency Curve



### Power Factor Curve



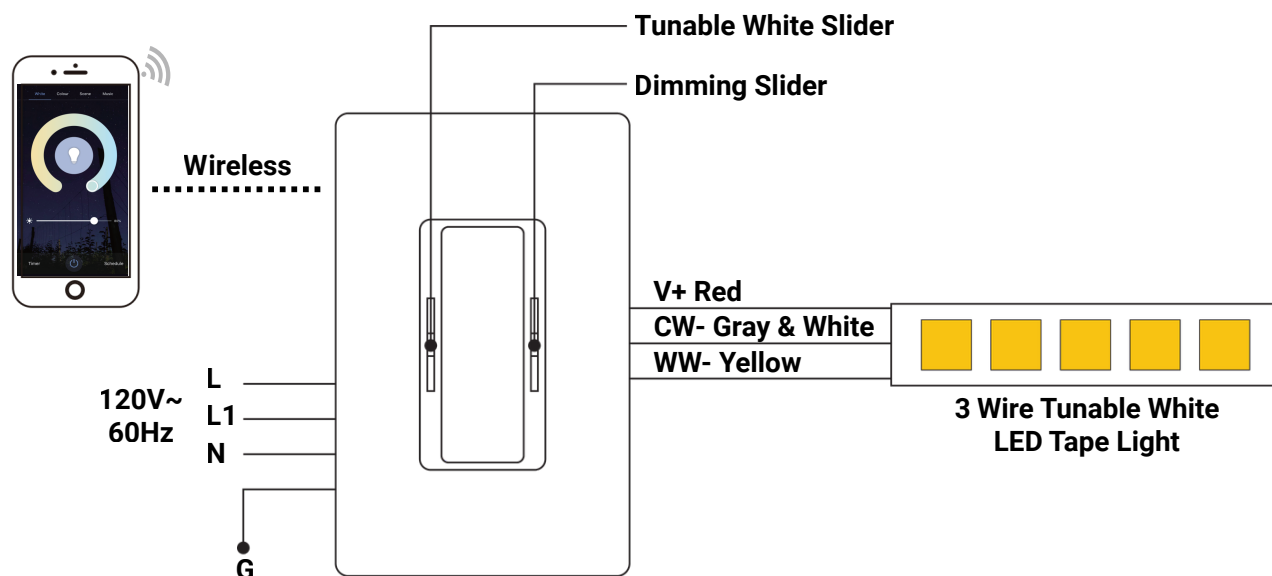
## EnoDim Tunable White Series

### Smart Driver & Dimmer Switch in One

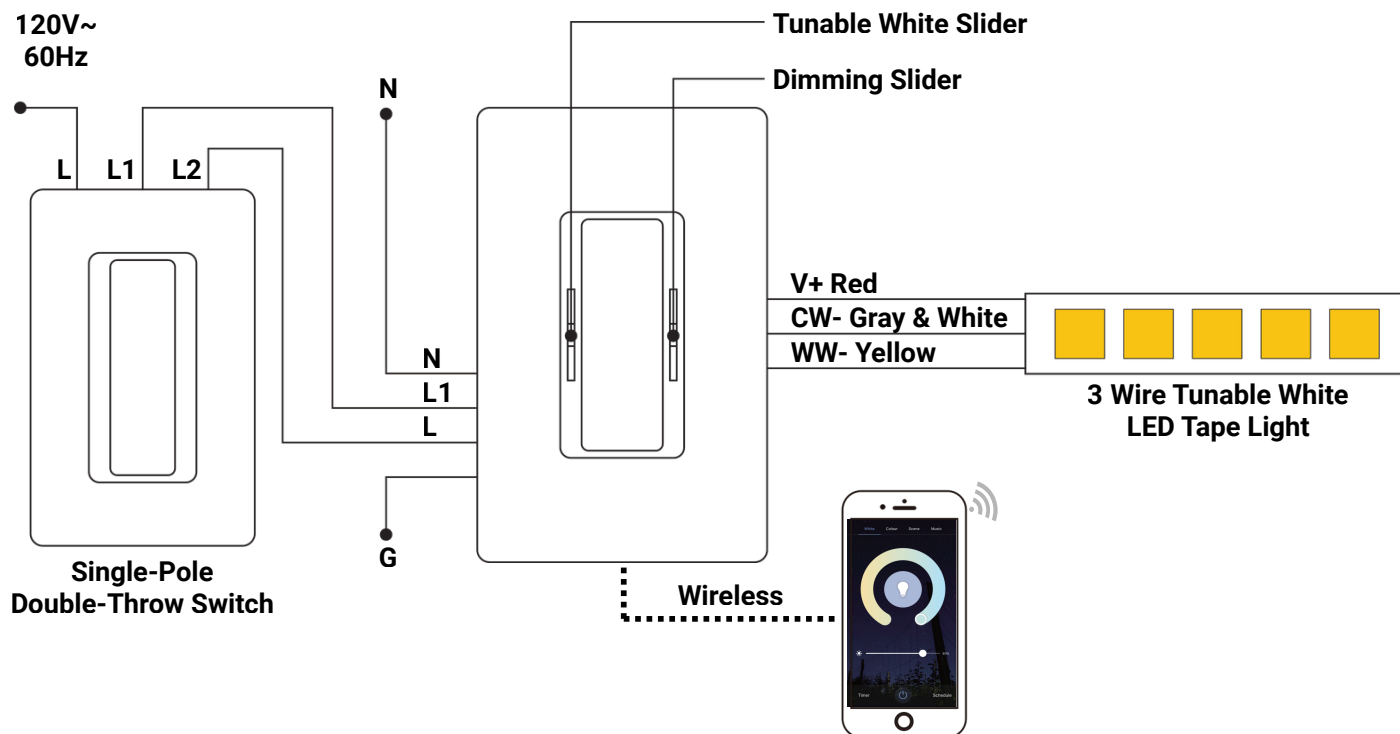


### Wiring Diagram

#### Standard dimming system



#### 3-Way dimming system



# EnoDim Tunable White Series

## Smart Driver & Dimmer Switch in One

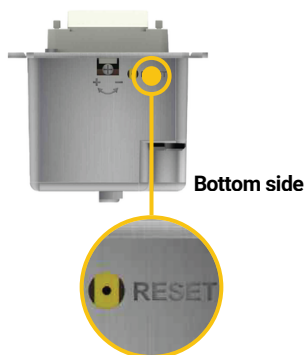


### Smart Life App Setup

#### 1. Enter Pairing Mode

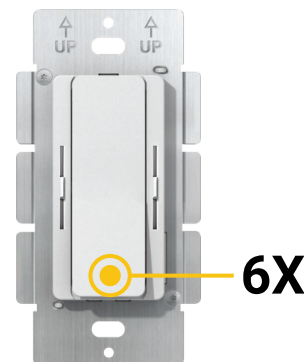
##### Option A:

Short press the Reset button.  
The blue LED will blink,  
confirming pairing mode.

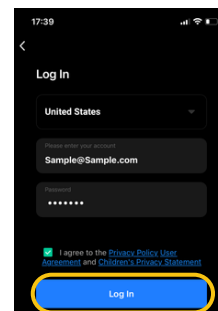
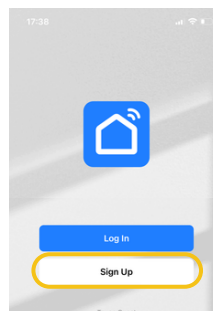
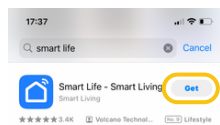


##### Option B:

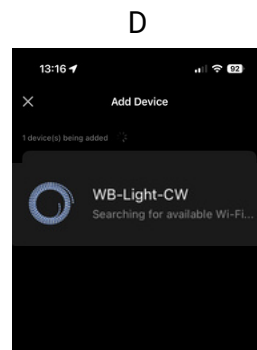
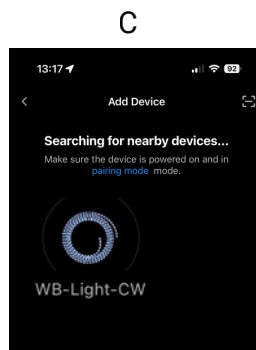
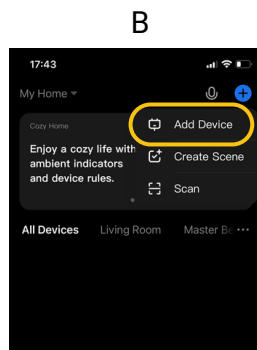
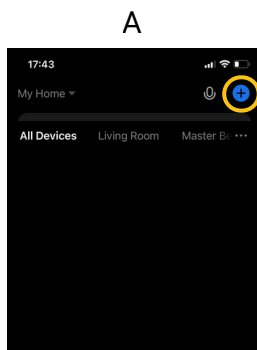
Quickly press the On/Off button  
six times. The blue LED will blink,  
confirming pairing mode.



2. Search for the Smart Life App on the App Store (iOS) or Google Play (Android) and proceed with the installation.
3. Register a Smart Life account.
4. Log in with your email address and password.



5. Enable Bluetooth on your smartphone and proceed to add a device.

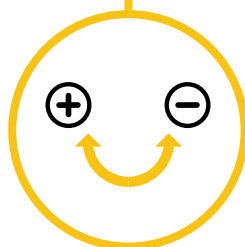
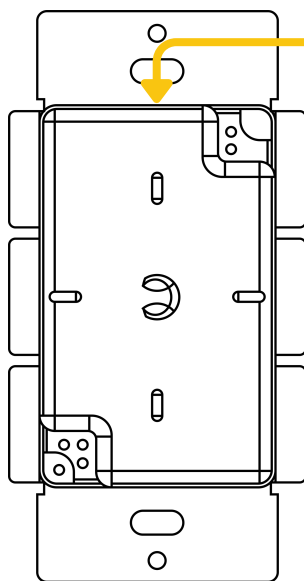


# EnoDim Tunable White Series

## Smart Driver & Dimmer Switch in One



### Adjust Voltage



### Output Volt. Adjustment

24V output volt.: 24-26V