

Project: \_\_\_\_\_  
 Part#: \_\_\_\_\_  
 Type: \_\_\_\_\_

# 4" - 6" Smart Downlight

With the EnVision LED Smart Downlight, unlock a whole new chapter of making your home more connected, with our simple dimming controls to advanced bluetooth remote settings. Set a timing schedule with the app that connects to the fixture, and even set color changes that change with music beats. Along with our anti-aging optical-grade pc lampshade and our energy saving, long lifespan high bright LED chips, use our downlights for recessed lighting, retrofitting, and general indoor lighting.



### Applications:

- Residential Lighting
- Commercial Lighting
- Recessed Lighting
- General Indoor Lighting

### Product Information:

- Damp rated or wet rated (with silicone)
- Fits in standard 30 or 40 J-Box Applications
- Driver: AC Driverless technology 120V
- High CRI>90 with CA Title 24/CEC/T20 Compliance
- Dimmable: Compatible with most dimmers down to 5% including Lutron DVCL-153P

**LED - ECODL -** *Size/Shape/Watts* **- RGB + W -** **EMB** **- Warranty**

1
2
3
4
5

<b>1</b>	<b>Product</b>	<b>2</b>	<b>Size/Shape/Watts</b>	<b>3</b>	<b>Color</b>	<b>4</b>	<b>EMB</b>	<b>5</b>	<b>Warranty</b>
LED-ECODL	Smart Downlight w/ Bluetooth	4-10W 5/6-15W	4" / 10W (650lm) 5/6" / 15W (1000lm)	RGB+W	RGB + White	(Blank) EMB	None Emergency Backup	(Blank) 10YR	5 Year (incl.) 10 Year

## FEATURES

### High Quality LED Chips

We use high bright LED chips which are energy saving and pro-environment, while also providing a stable light and a long lifespan

### Light Protection Design

The Smart Downlight comes with a light protection design that prevents the light emitted being affected by effects from weather

### Installation Adapter

Allows for easy installation

### Aluminium Alloy Shell

High heat conduction aluminum alloy shell, good for heat dissipation, vacuum dust-free spray, anti corrosion, and no stripping

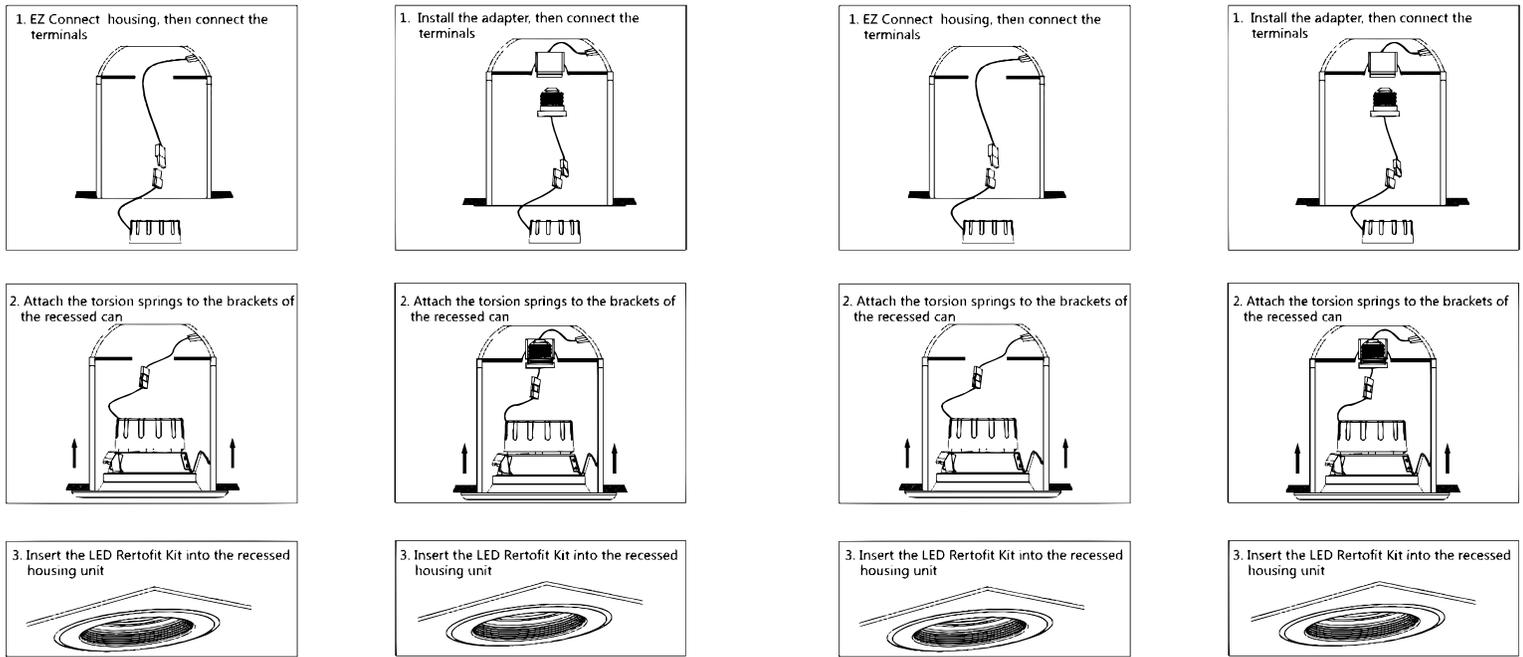
### Waterproof Treatment

Our fixture comes with strict waterproof treatment technology, and meets international waterproof and dustproof standards



**INSTALLATION**

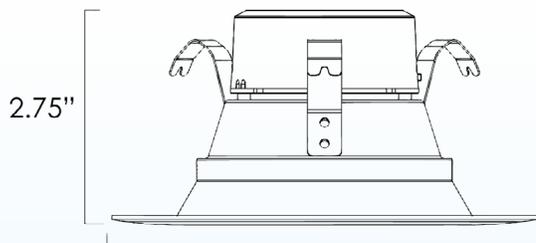
1. There are two ways to install our EnVision LED Smart Downlight. If you have an EZ Connect housing, simply connect the housing and then connect everything to the terminals. If you do NOT have an EZ Connect housing, install the adapter and then connect everything to the terminals.
2. Attach the torsion springs to the brackets of the recessed can.
3. Insert the LED Retrofit Kit into the recessed housing unit.



4 Inch

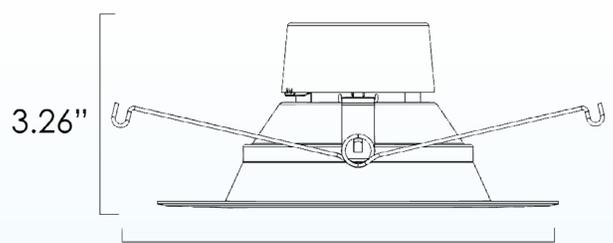
6 Inch

**DIMENSIONS**



5.35"

4 Inch



7.24"

6 Inch

**PHOTOMETRICS**

**4 Inch**

**Color Parameters**

**Chromaticity Coordinate:**  $x=0.4415, y=0.4098$

**Chromaticity Coordinate:**  $u'=0.2510, v'=0.5243$

**Ratio:** R=26.0% G=71.2% B=2.8%

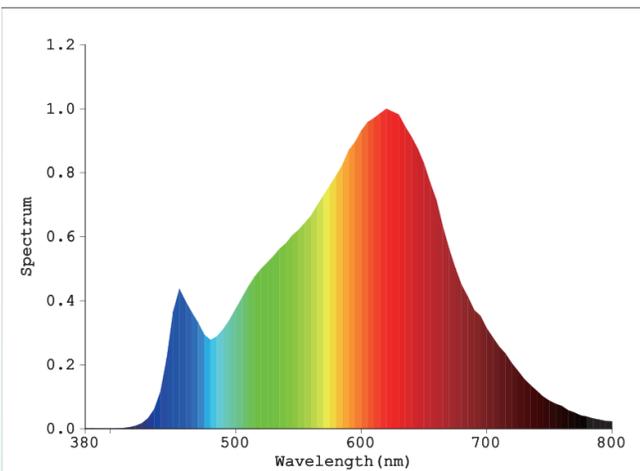
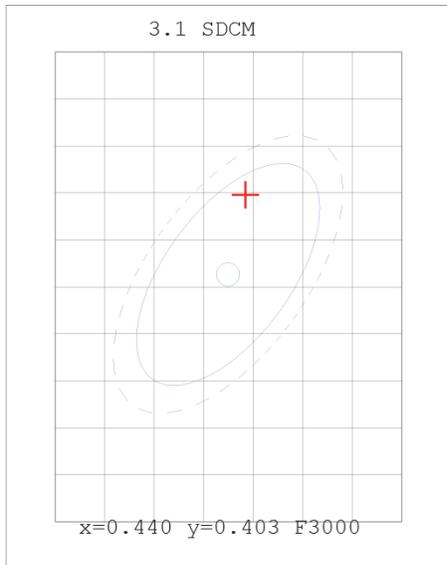
**Peak WL:**  $L_p=620.0nm$   $HWL=155.1nm$

**Photo Parameters**

**Flux:** 675.23lm Fe: 2.3206 W Efficacy: 65.60lm/W

**Electrical Parameters**

**Luminaire:** U=120.4V I=0.093A P=10.29W PF=0.91



**6 Inch**

**Color Parameters**

**Chromaticity Coordinate:**  $x=0.4670, y=0.4204$

**Chromaticity Coordinate:**  $u'=0.2627, v'=0.5321$

**Ratio:** R=28.2% G=69.5% B=2.3%

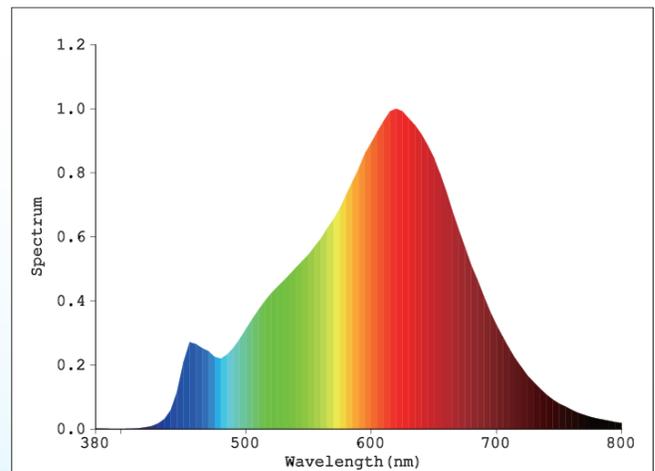
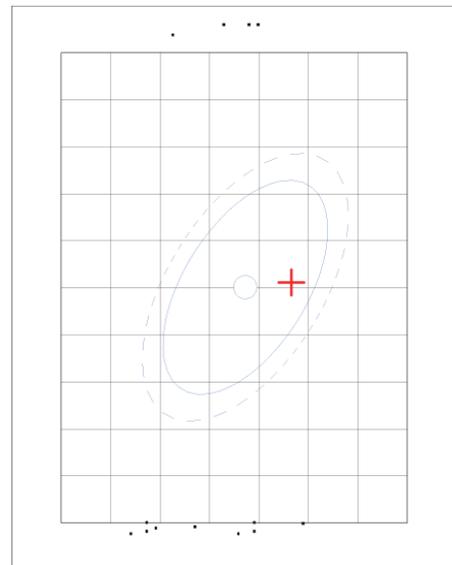
**Peak WL:**  $L_p=620.0nm$   $HWL=142.2nm$

**Photo Parameters**

**Flux:** 1072.31lm Fe: 3.7552 W Efficacy: 69.72lm/W

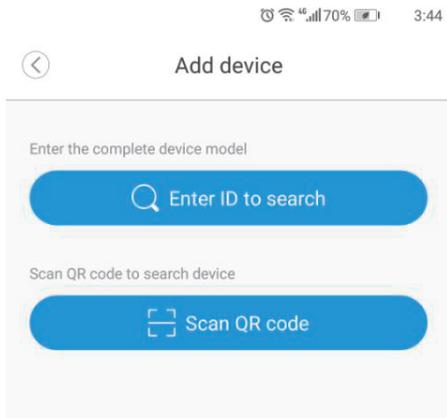
**Electrical Parameters**

**Luminaire:** U=120.4V I=0.136A P=15.38W PF=0.94

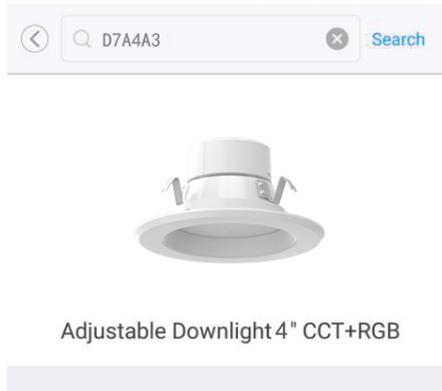


## BLUETOOTH CONTROL GUIDE

Remember to install the App (Home Linking) from your App Store or App Market.



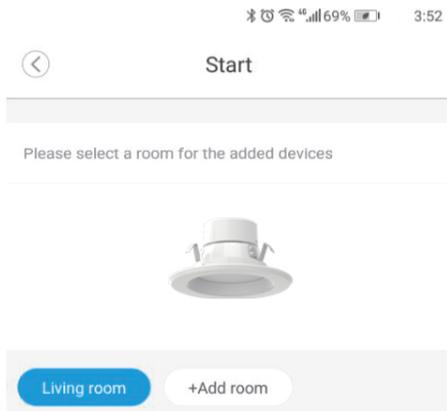
**Image 1**



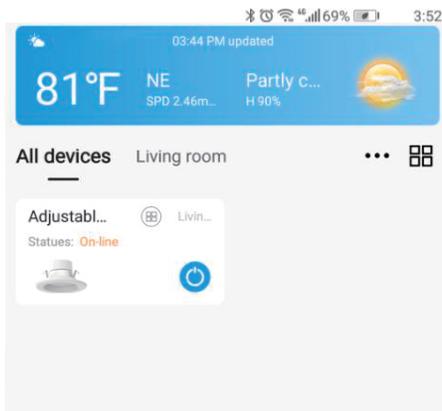
**Image 2**

**Image 1:** Once the App, Home Linking, has been installed, turn on the users phones Bluetooth and press the + button, on the upper right corner of the App homepage. Input the model of the light (or scan QR code on the product) to add the device.

**Image 2:** When the device has been added, follow the steps prompted by the app. When adding a new device, the fixture must be turned on.



**Image 3**



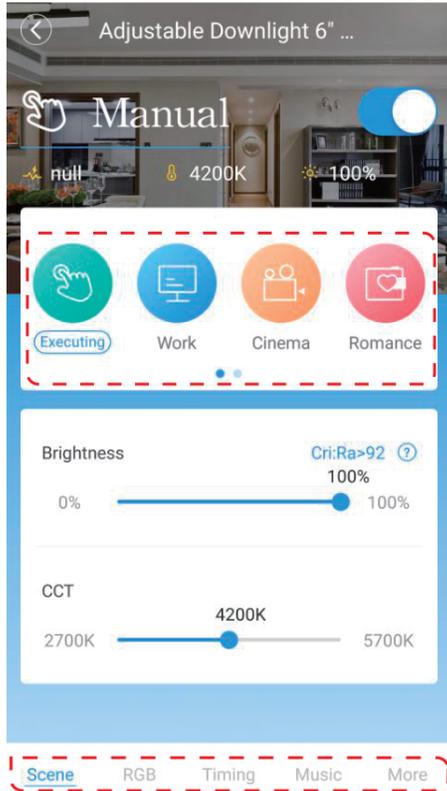
**Image 4**

**Image 3:** With the fixture being connected to the app, the user can now create a room name for easier identification and control of the connected fixture.

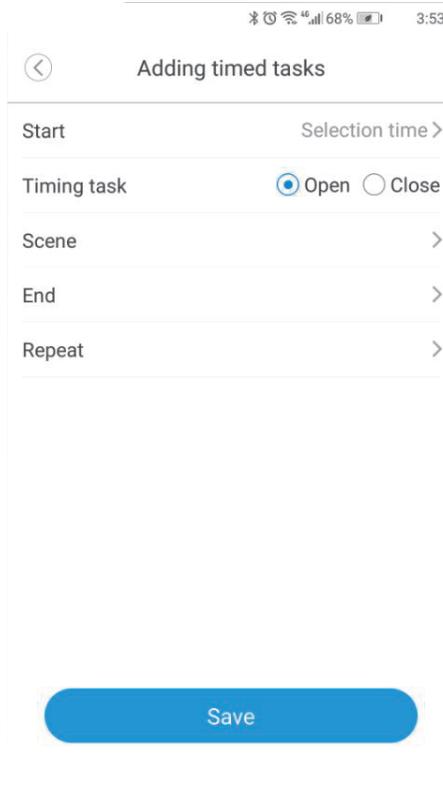
**Image 4:** After the device is added successfully, the user can click the corresponding light to enter the device control interface and operate the light from this menu.

**FUNCTIONAL INSTRUCTIONS**

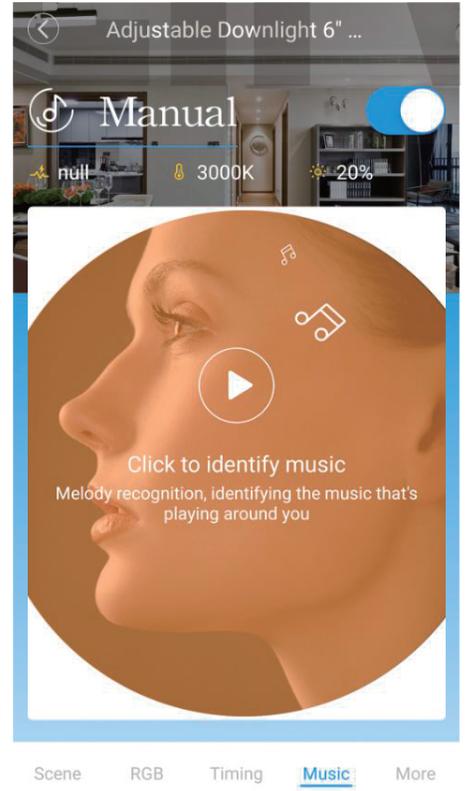
Remember to install the App (Home Linking) from your App store or App Market.



**Image 1**



**Image 2**



**Image 3**

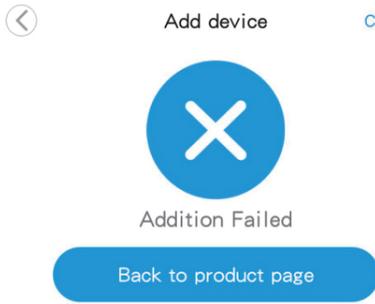
**Image 1:** From this menu, multiple adjustments can be made, such as the color temperature, brightness of connected devices, and even RGB settings. When adjusting settings, slide left or right to select different scenes, such as Work or Cinema, while using a long press to edit these settings.

**Image 2:** The menu below in **Image 1** can be used to add a timing setting, which can create different tasks based on a set time.

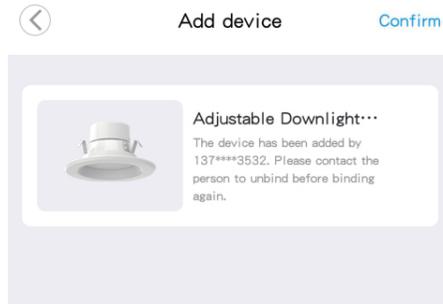
**Image 3:** When playing music, the light fixture will recognize the melody and show different colors as displayed here.

**UNBINDING AND RESETTING THE DEVICE**

Remember to install the App (Home Linking) from your App store or App Market.



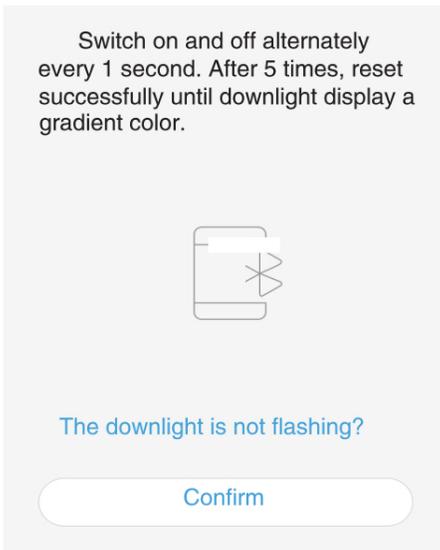
**Image 1**



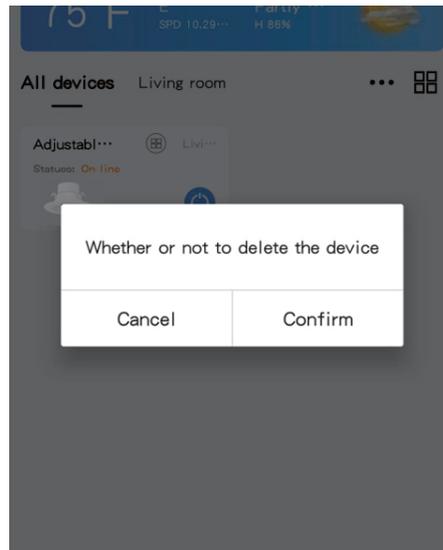
**Image 2**

**Image 1:** If adding a device shows the error message displayed in **Image 1**, this means the device has been bound by another user who has not reset the device yet.

**Image 2:** This image will be displayed if the device has been reset, but has not been unbound by the user.



**Image 3**



**Image 4**

**Image 3:** To reset the device, switch the device on and off alternating every 1 second. After doing this 5 times, the reset will be successful when the downlight displays a gradient color.

**Image 4:** Once the device has been reset, the user may now be able to unbind the device from the Home Linking App, by long pressing the device the user wants to remove.