ΛMBIENTECH

smartAir

DimTone

P/N: TONE-WSx-yy

Tunable White & Dimming Control System

DimTone offers a single-switch, end-to-end approach, eliminating redundant components and compatibility issues for superior performance.
With its wireless support, DimTone requires only the same wire set as a standard dimmer switch, reducing installation time and costs.
Just plug and play to start customizing your lighting in moments.
Device pairing takes place automatically when the light is first switched on, with no technical knowledge needed.

Tunable White

Dimmable
0-100%

RF CONTROL

c (UL) us
LISTED
DIMMER
E507432

IT'S AS SIMPLE AS THAT.

Automatic Pairing by Turning On the Switch

Up to 700W

Wallplate Included in the Package

Standard Installation

Features & Benefits

- 120VAC Wall Switch with No Battery Required
- Simple Installation w/ no Extra Wiring or Controllers
- SmartAir- App / Voice Control
- Fits US Standard Gang Box
- Flicker-Free Soft Dimming - Down to 0.1%
- Dim-to-Off
- Complies to IEEE and Title 24 Flicker Requirements
- A Single Wall Switch Can Control Multiple LED Drivers
- No Compatibility Issues
- Classic Design to Match Existing Style Switches
- UL Listed

Ordering Part Number Example:

P/N: | TONE-WS | x | yy
Model | Color | *Smart

*For Smart Type " SA " if not leave blank

Colors
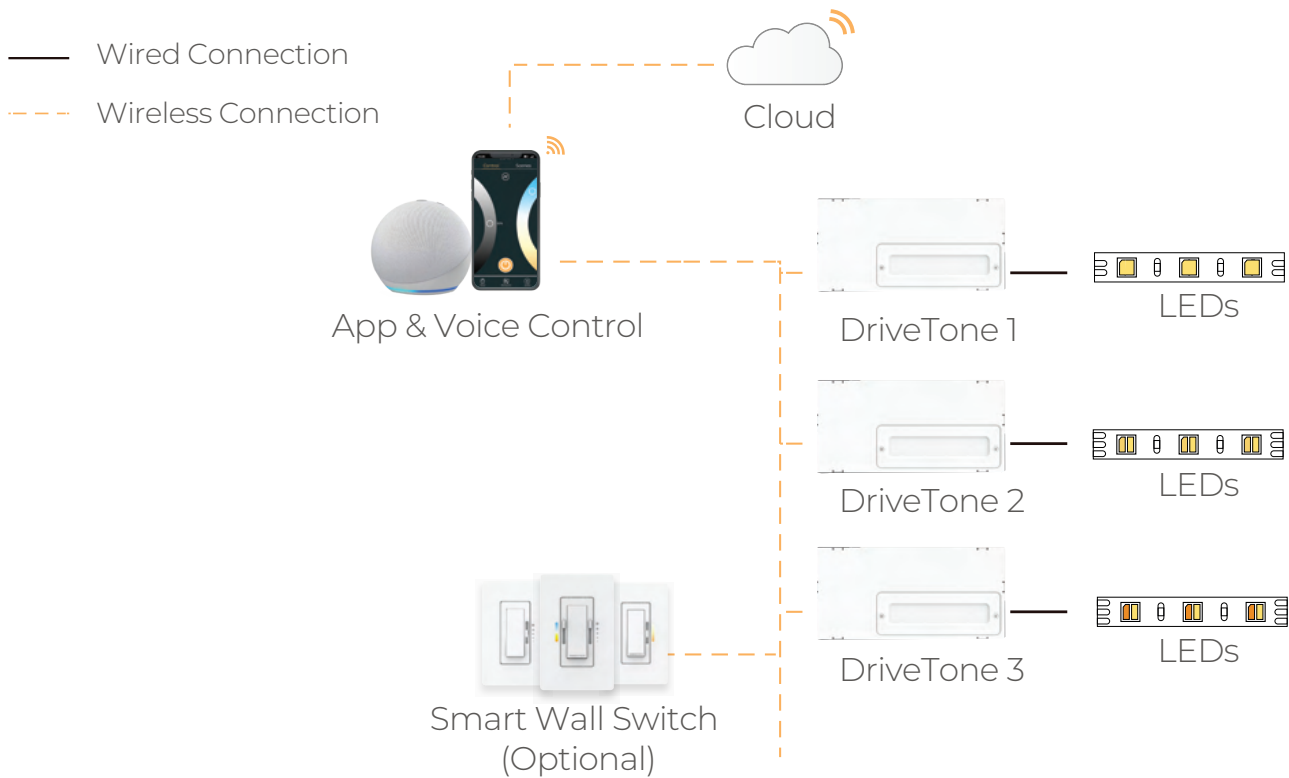
W White

G Grey

O Ivory

B Black

C Almond

H Hot

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Wiring Overview

Option 1
DimTone Installation

—— Wired Connection

–-–- Wireless Connection

Cloud

App & Voice Control

DriveTone 1 — LEDs

DriveTone 2 — LEDs

DriveTone 3 — LEDs

Smart Wall Switch
(Optional)

Option 2
SleekTone CV Installation

Cloud

App & Voice Control

SleekTone 1 — LEDs

SleekTone 2 — LEDs

SleekTone 3 — LEDs

Smart Wall Switch
(Optional)
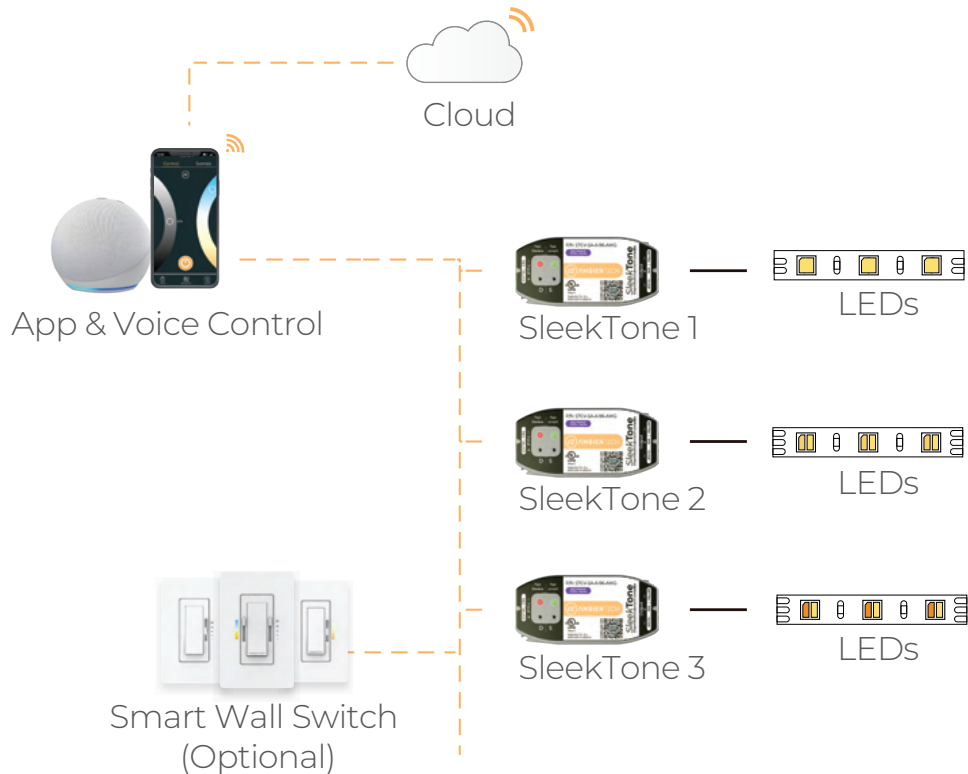
Electrical Specifications

Power & Ratings

Input	120VAC ~ 60Hz
Max Load	700W
Load Type	12/24VDC Tunable White LED's

Compliance

UL Listed	UL1472 / CSA C22.2 184.1
FCC	Class B Part 15

Environmental

Ambient Operating Temp	-30°C - + 40°C / -86°F - + 104°F
IP Rating	23

Dimming Performance

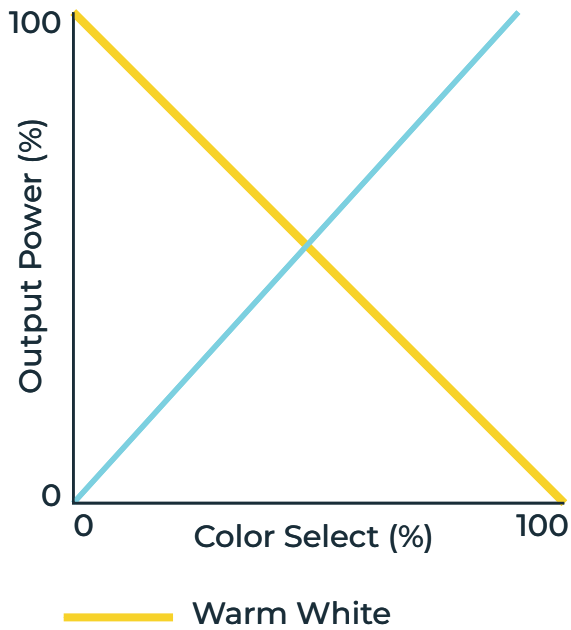| Control Protocol	RF (auto pairing)
Dimming Range	100% -0.1%
Dim-to-Off	Yes
Dimming Method	PWM (2400Hz)
Dimming Curve	Logarithmic (Default)

Flicker Performance Graph

As defined in IEEE P1789, the results are presented with the low-risk in yellow and no observable effect in green.

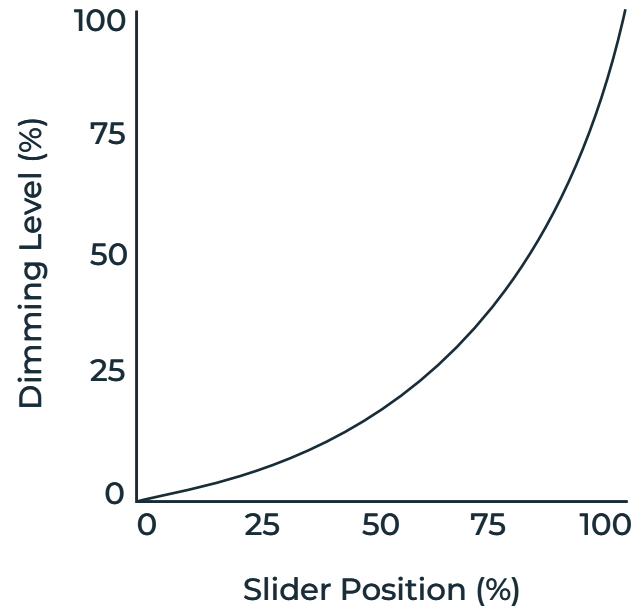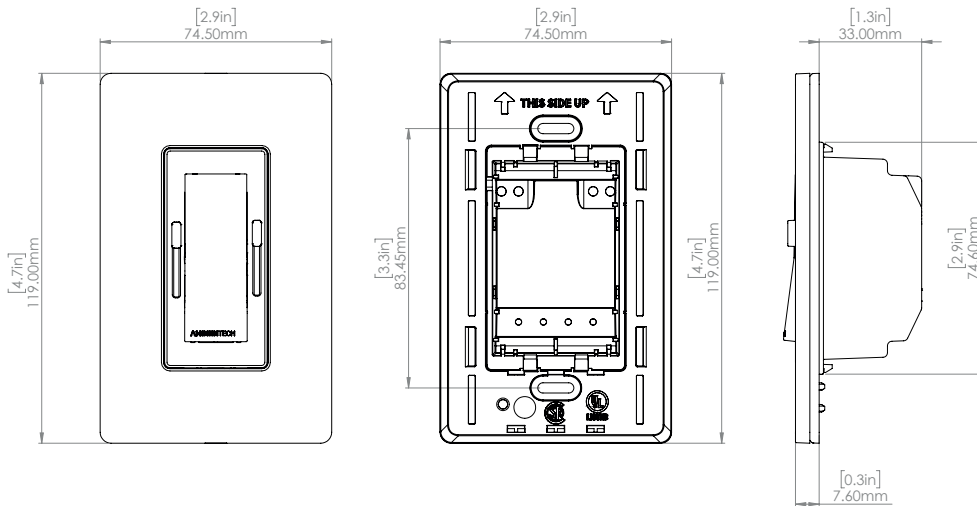Complies to Title 24 Flicker Requirements.

Dimming Level

▲	100%
▲	75%
▲	50%
▲	25%
▲	5%
▲	1%
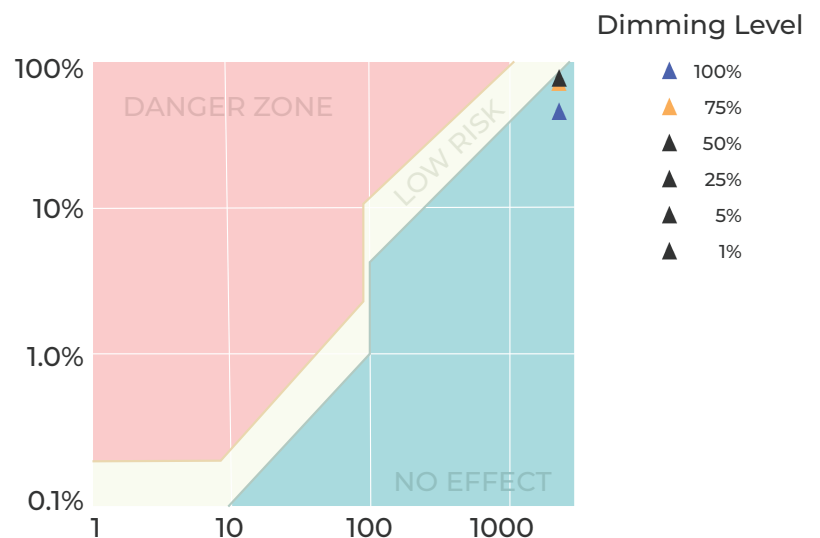
Performance Curves

Color Temperature

Output Power (%) — 100, 0
Color Select (%) — 0, 100

—— Warm White

Dimming Curve

Dimming Level (%) — 100, 75, 50, 25, 0
Slider Position (%) — 0, 25, 50, 75, 100

Mechanical Specifications

[2.9in] 74.50mm
[2.9in] 74.50mm
[1.3in] 33.00mm

THIS SIDE UP

[4.7in] 119.00mm
[3.3in] 83.45mm
[4.7in] 119.00mm
[2.9in] 74.60mm
[0.3in] 7.60mm

Note: Requires a U.S. wallbox 2in (64 mm) deep minimum.

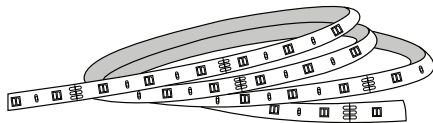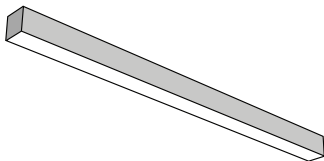| Material	PC/ABS - 5VA Rating
Finish	White Glossy (Default)

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Compatible LEDs

The *TONES* system is compatible
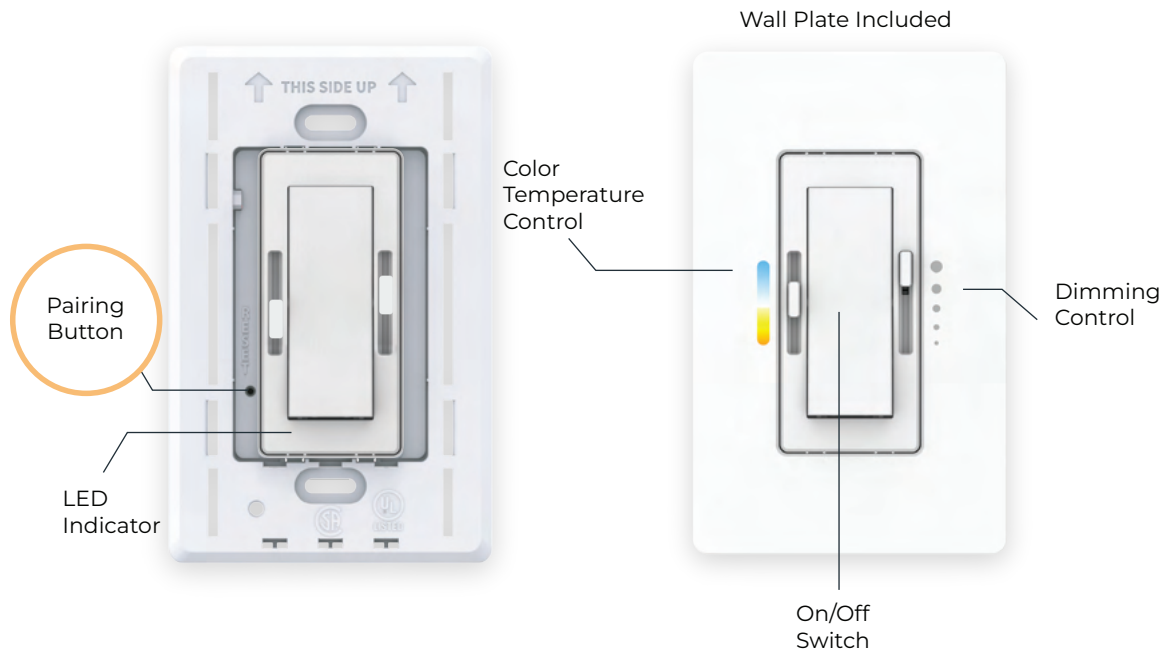with any Constant Voltage Tunable White 12/24VDC LED fixture.
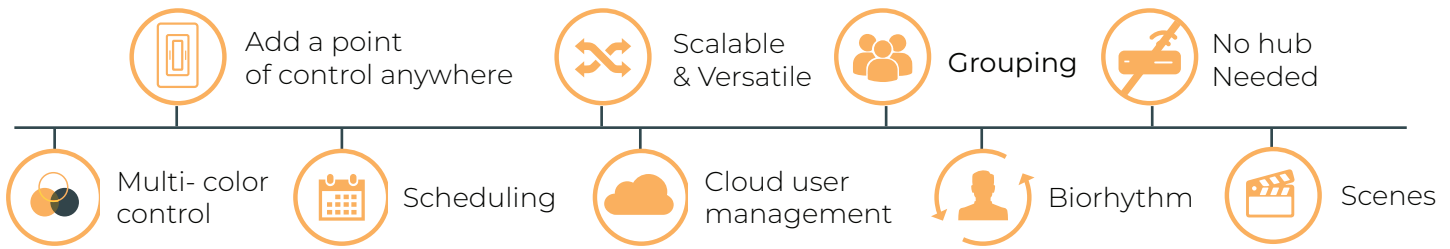
LED Strip	Linear	Downlight

User Interface

Wall Plate Included

Color
Temperature
Control

Pairing
Button

Dimming
Control

LED
Indicator

On/Off
Switch

Specification Submittal

Project Name:	Company Name:
Project Number:	Contact Name:
Part Number:	Email:

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SYSTEM

FUNCTIONALITY

- Add a point of control anywhere
- Scalable & Versatile
- Grouping
- No hub Needed
- Multi-color control
- Scheduling
- Cloud user management
- Biorhythm
- Scenes

SMART HOME

INTEGRATION

Works with Apple HomeKit

works with the Google Assistant

amazon alexa

Download the SmartAir App

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