AT AMBIENTECH

MADE IN
ISRAEL

*Sleek*Tone CV

P/N:STCV-xx-A-96-xxG

Constant Voltage Multi-Color Smart Controller

Tunable White | Dim to Warm | Dimmable 0%-100%

SmartAir WiFi

Input / Output
12V/5A | 24V/4A

C UL US
LISTED

Class 2

The SleekTone provides intelligent scalability allowing a large number of fixtures to be controlled from any point. Every SleekTone device is connected directly to the cloud service and doesn't require any hub or getaway.
Enabling dimming and multi-color LED fixture control.

In addition to the App, the Tones system provides a traditional point of control. Utilizing a smart Wall Switch that will automatically sync with the Sleektone controller. With an input range of 12-24VDC, it is compatible with any standard constant voltage LED Driver. Dimming is down to 0.1% before total darkness, and smooth color shifting to ensure compliance with IEEE and Title 24 Flicker Requirements.

Case Type W

Case Type J

Features & Benefits

- Works Independently As A Stand-Alone Unit or as Part of A System
- SmartAir - App / Voice Control
- 3 Control Modes - Tunable White, Dim-To-Warm & Dimming
- Works With AmbienTech's Smart Wall Switches (Optional)
- Flicker-Free Soft Dimming - Down To 0.1%
- Dim-To-Off
- LED Output (2400hz No Flicker Dimming)
- Complies To IEEE And Title 24 Flicker Requirements
- Available In a Wire and a Junction Box Version

Specifications

Electrical Specifications

Input / Output	MaxPower	4A(24V) / 5A(12V)
	Rated Voltage	12-24VDC
	Efficiency	98.5%
Protection	Over Load	Hiccup mode (Auto Reset)
	Short Circuit	
	Over Temperature	
Enviromental	Ambient Oparating Temp	-30 °C - + 40 °C / -86°F - + 104°F
	IP Rating	23

Control Specifications

| Control Protocol	RF / SmartAir App
Dimming Range	0.1 - 100%
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%

DANGER ZONE

LOW RISK

NO EFFECT

100%
10%
1.0%
0.1%

1   10   100   1000
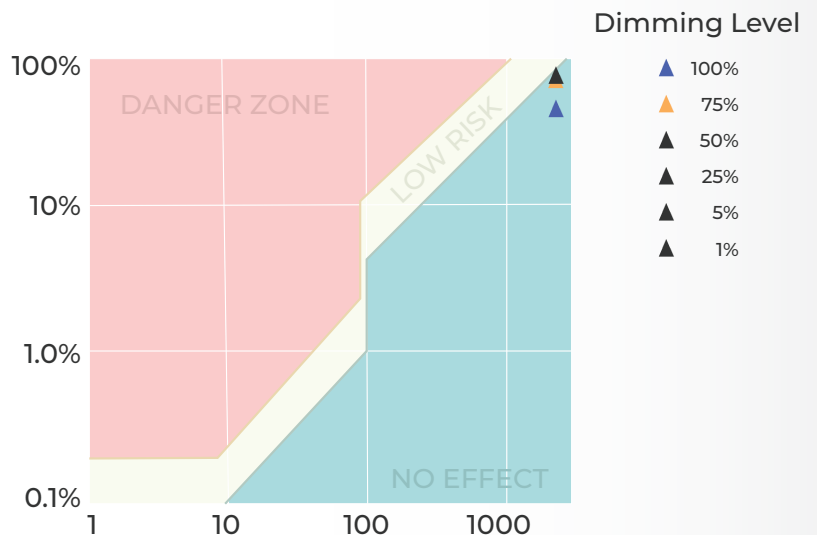
Control Options

Wall Control Point

Tunable White

Dim-to-Warm

Dimming

Smart Home Integration

Works with
Apple HomeKit

works with the
Google Assistant

amazon alexa
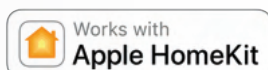
Download the SmartAir App

Performance Curves

Dimming Curve

Dimming Level (%)

100
75
50
25
0

0   25   50   75   100

Slider Position (%)

CCT

Output Power (%)

100

0

0   100

Color Select (%)

▬▬ Warm White
▬▬ Cool White

Dim-to-Warm

Dimming Level (%)

100
75
50
25
0

0   25   50   75   100

Slider Position (%)
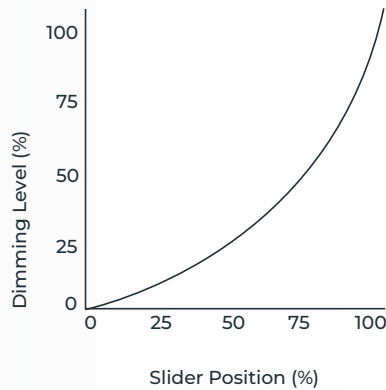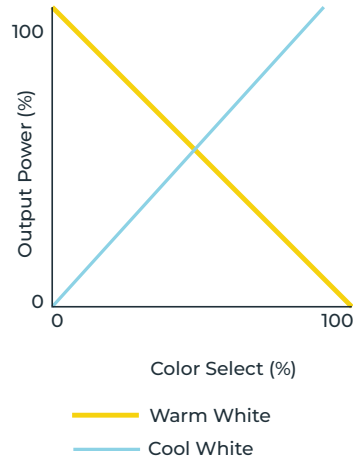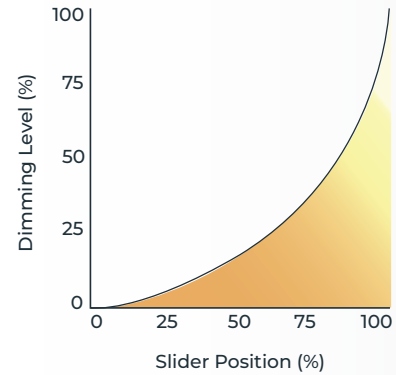
Mechanical Specifications

[3.14in]
80.00mm

[1.57in]
40.00mm

[0.64in]
16.4mm

[3.35in]
85 mm

[1.22in]
31 mm

[3.31in]
84 mm
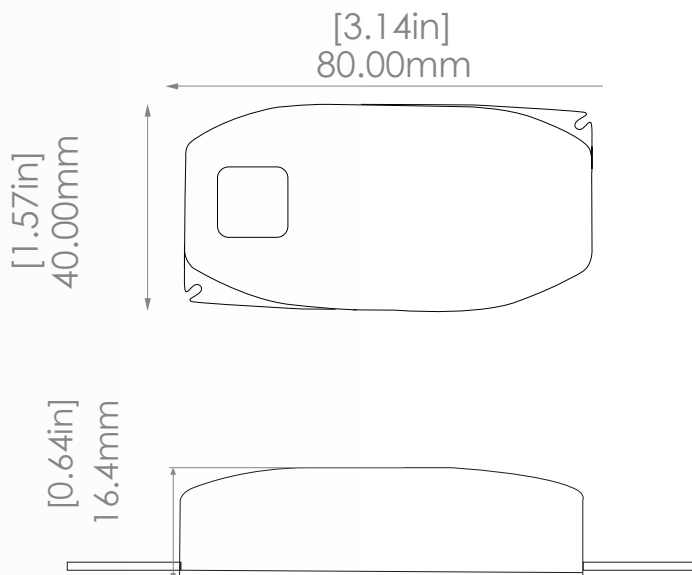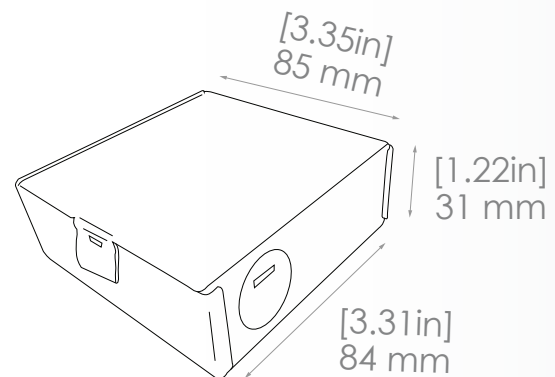
Case Type W

Case Type J

Wiring Overview

SleekTone Installation

Cloud

—— Wired Connection

- - - Wireless Connection

App & Voice Control

SleekTone 1 — LEDs

SleekTone 2 — LEDs

Additional Units
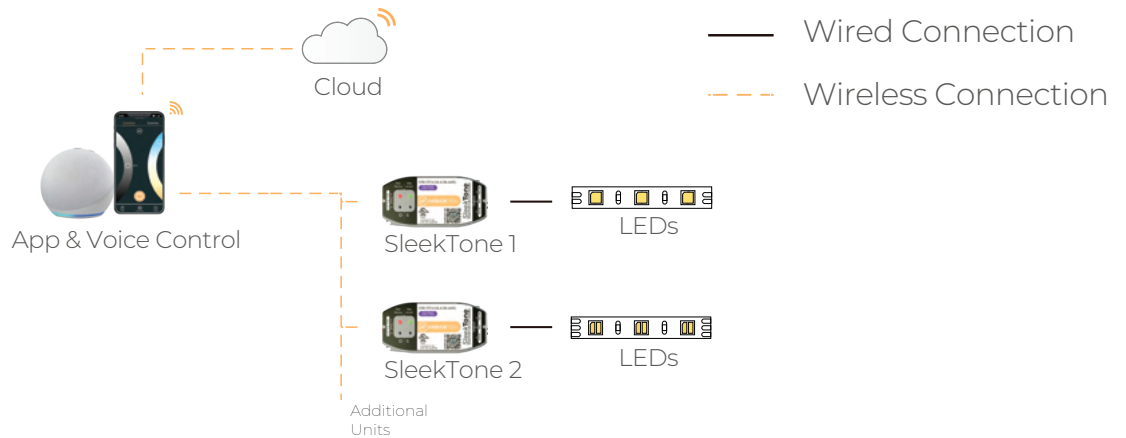
SleekTone + Wall Point Control

Cloud

App & Voice Control

SleekTone 1 — LEDs

SleekTone 2 — LEDs

SleekTone 3 — LEDs

3-way (Optional)

Smart Wall Switch (Optional)

Ordering Instructions

P/N: STCV – | XX | – | A | – | 96 | – | X | | X | | X |

Smart

Default Mode

Case Type

Case Color

SA - RF+Smart

*NS - RF

*Smart enabled through wall switch

A - Tunable White

B - Dim-to-Warm

C - Dimming

W - Wire Version

J - Junction Box

G - Gray (Default)

*B - Black

*W - White

*Minimum order required

AmbienTech

TONES Product Guide
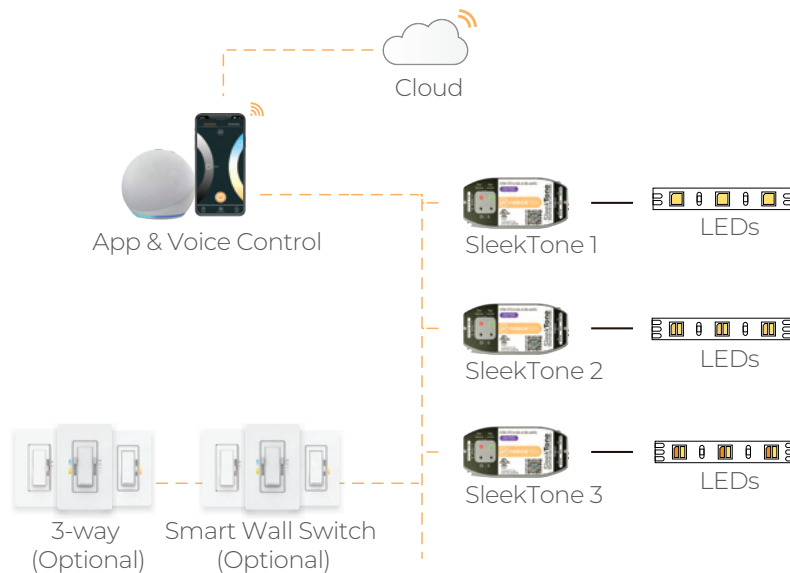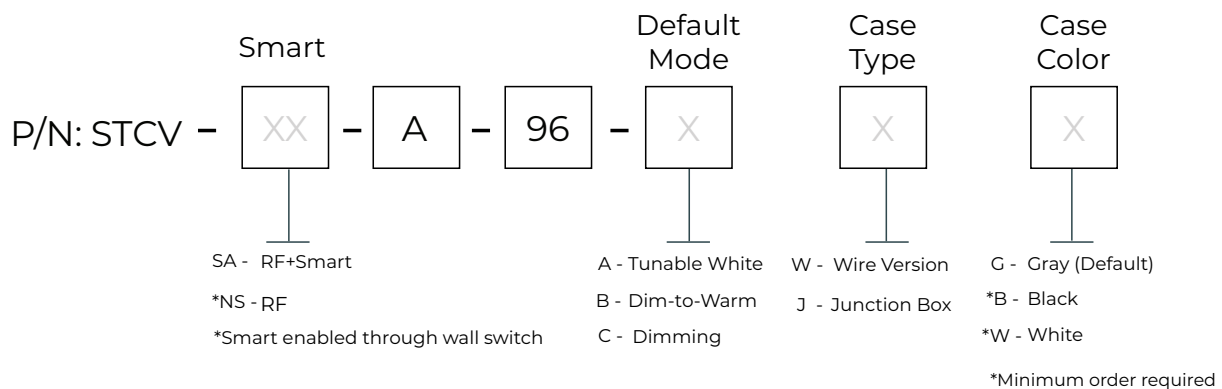
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