AMBIENT TECH

SleekTone CC

P/N:STCC-XXW

Constant Current Module

Tunable White / Dim to Warm Control

Tunable White   Dim to Warm   Dimmable 0%-100%

RF CONTROL

4-60VDC

c (UL) us
LISTED
Pending

SmartAir WiFi

The SleekTone-CC is a compact control module that allows connection of any third party LED Driver to a AmbienTech Tunable White control system. It is available in 30W, 45W and 60W versions. With an input range of 4-60VDC it is compatible with any standard constant current 0-10V LED Driver.

The SleekTone moudule utilizes a wireless 433mhz RF signal for room level control using the DimTone dual slider wall switch. The DimTone wall switch is able to control multiple modules and offers app and voice control (WIFI+BLE). Eliminating the need of running 0-10V wires in new installations.

The Modules small form factor enables lighting OEMs to easily implement AmbienTech's control system in to LED fixtures without the need for design modifications. This line of modules offers a status LED indicator and physical buttons to easily pair to our wall switches , app and voice control. In addition, the buttons are used to configure dimming and CCT mixing curves.

Production Housing

Engineering Sample

ENCLOSURE DETAILS

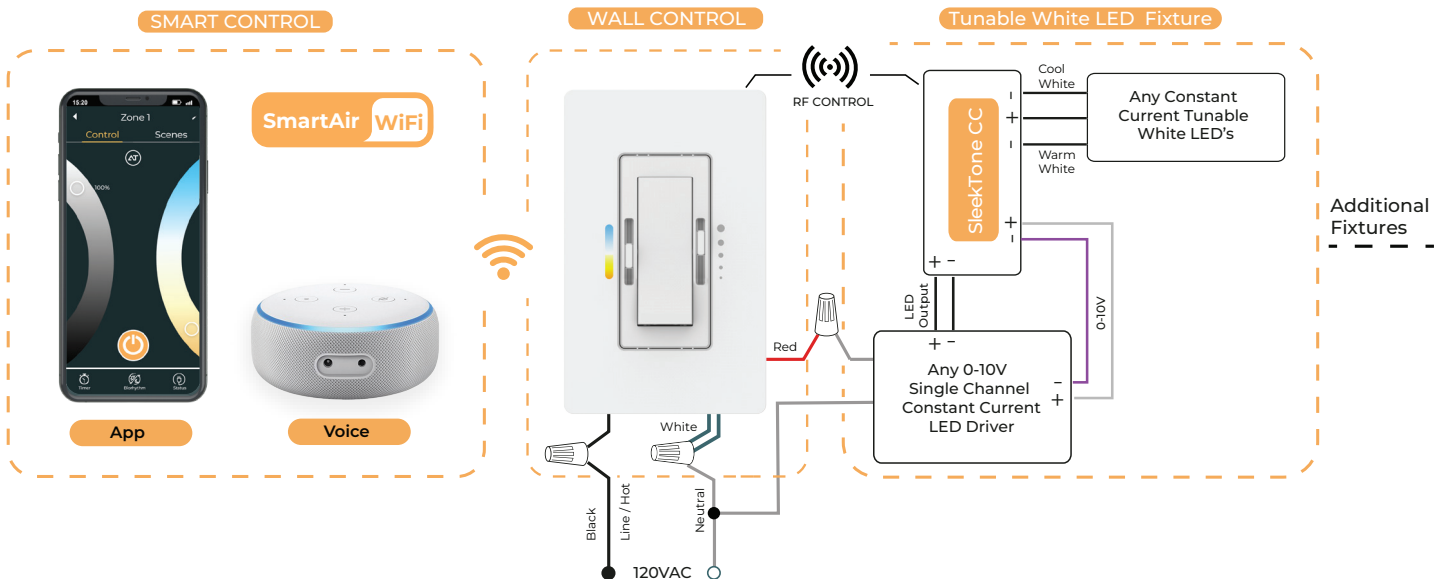| Dimensions	3.14"(80mm) x 1.57"(40mm) x 0.64"(16.5mm)
Material	PC/ABS - 5VA Rating

Features & Benefits

• Tunable White / Dim-to-Warm Control

• 2400Hz Superior Dimming- Flicker Free to 0.1%

• Compatible with any CC LED Driver

• Autopair with RF Wall Switch

• Complies to IEEE and Title 24 Flicker Requirements

• 12.5A Max Power

• Current Limit Overload Protection
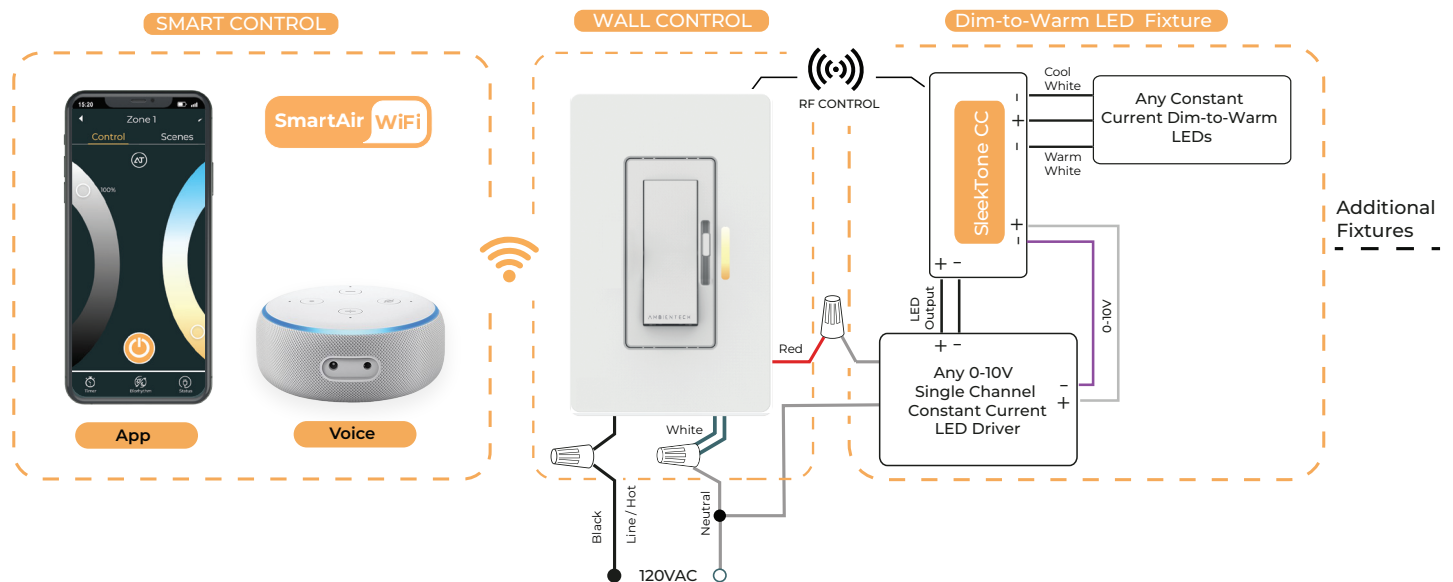
• No Minimum Load Requirement

Ver 2.7

Wiring Overview

Option 2 : DimTone Installation

SMART CONTROL	WALL CONTROL	Tunable White LED Fixture

SmartAir WiFi

App

Voice

RF CONTROL

SleekTone CC

Cool White

Warm White

Any Constant Current Tunable White LED's

Additional Fixtures

LED Output

0-10V

Red

Any 0-10V Single Channel Constant Current LED Driver

White

Black

Line / Hot

Neutral

120VAC

Option 2 : WarmTech Installation

SMART CONTROL	WALL CONTROL	Dim-to-Warm LED Fixture

SmartAir WiFi

App

Voice

RF CONTROL

SleekTone CC

Cool White

Warm White

Any Constant Current Dim-to-Warm LEDs

Additional Fixtures

LED Output

0-10V

Red

Any 0-10V Single Channel Constant Current LED Driver

White

Black

Line / Hot

Neutral

120VAC

Electrical Specifications

Ordering part numbers:		STCC-30W	STCC-45W	STCC-60W
Input	Max Power	30W	45W	60W
	Max Current	2A		
	Rated Voltage	4-60VDC		
	Efficiency	98.5%		
Output	Output Voltage	4-60VDC		
	Max Current	2A		
Protection	Over Current	Hiccup mode		
	Short Circuit			
	Over Temperature			
Enviromental	Ambient Oparating Temp	-30 °C - + 40 °C / -86°F - + 104°F		
	IP Rating	23		

Tunable White Curve

Output Power (%)

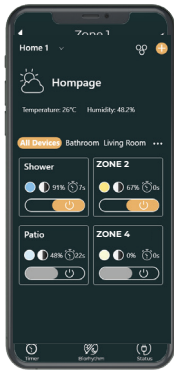Color Select (%)

— Warm White
— Cool White
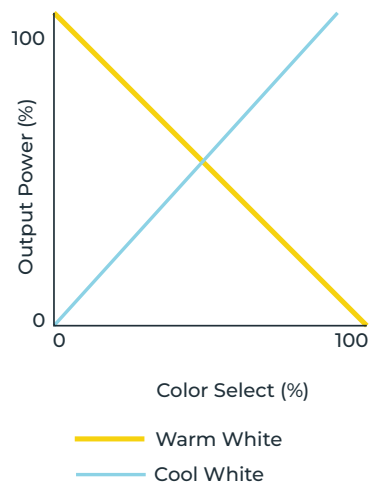
Mechanical Specifications

[3.14in] 80.00mm

[1.57in] 40.00mm

[0.64in] 16.4mm
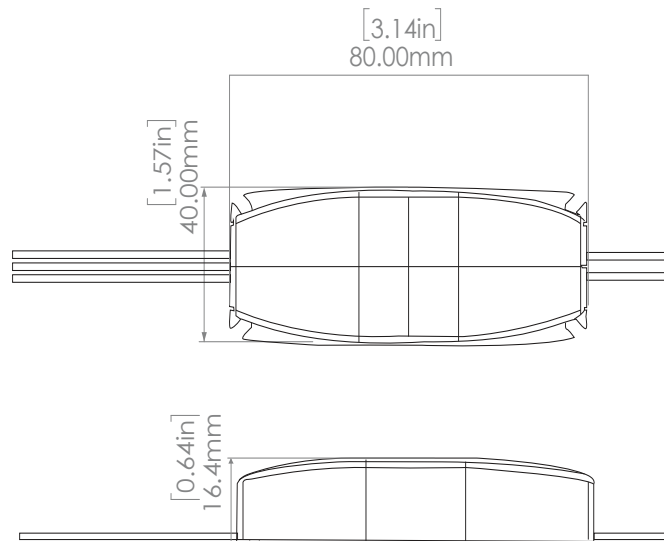
Smart Air - App / Voice Control

SmartAir WiFi

Cloud Management

WALL CONTROL | Tunable White LED Fixture

RF CONTROL

Cool White
Any Constant Current Dim-to-Warm LED's
Warm White

SleekTone CC

LED Output

Any 0-10V Single Channel Constant Current LED Driver

Addition Fixtures

ZONE 1

Red
Black Line / Hot
White
Neutral
120VAC

WALL CONTROL | Tunable White LED Fixture

RF CONTROL

Cool White
Any Constant Current Tunable White LED's
Warm White

SleekTone CC

LED Output

Any 0-10V Single Channel Constant Current LED Driver

Additional Fixtures

ZONE 2

Red
Black Line / Hot
White
Neutral
120VAC

App

Voice

App Features

| Login | Tunable White | Dim to Warm | Dimming | Zone Grouping | Biorhythm | Save Scenes |
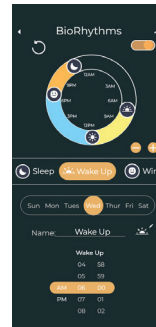
+ More

GET IT ON **Google Play**
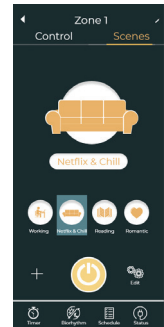
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works with the Google Assistant

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Ver 2.7

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