# AMBIENTECH

MADE IN ISRAEL

## DriveTone Pro

P/N:DT-A24V-xxx-RLG

## RGBWW 24VDC Smart LED Driver
### RGB, Tunable White & Dimming Control

RGBWW    Tunable White    Dimmable 0%-100%

The DriveTone Pro enables RGB, Tunable White & Dimming in one smart Driver. Eliminating the need for expensive and complex DMX systems. Each LED Driver controls a zone using the SmartAir app/voice control. In addition to the App, the system offers a traditional point of control using the DimTone Wall Switch (optional).

smartAir

24VDC

c UL us
LISTED
LED Driver
E512089

DOWNLOAD
THE SMARTAIR APP

### Enclosure Details

| Dimensions | 9.1"x 2.80" x1.94" | 11.41"x 2.80" x1.94" |
|---|---|---|
| Material | Sheet Metal | |
| Finish | Gray Matte Powder Coat | |
| Enviromental Rating | IP23 | |

### Features & Benefits

- Smart RGB, Tunable White, and Dimming Control in One Driver
- SmartAir - App / Voice Control
- Eliminating the need for Expensive and Complex DMX Installations
- Works With AmbienTech's Smart Wall Switches (Optional)
- Complies to IEEE and Title 24 Flicker Requirements
- Superior Dimming - Flicker Free to 0.1% before total Darkness
- Wiring Compartments With Knock-Outs for Safe and Easy Installation
- UL Listed
- Small Linear Form-Factor
- Current Limit Overload Protection
- Can be Loaded to Max Power with no Derating needed

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# *ELECTRICAL*
## *SPECIFICATIONS*

| P/N | | DT-A24V-96-RLG | DT-A24V-150-RLG | DT-A24V-200-RLG |
|---|---|---|---|---|
| **Case** | Type | A | B | |
| **Output** | Max Power | 96W | 150W | 200W |
| | Rated Current | 4A | 6.5A | 8A |
| | Rated Voltage | 24VDC | | |
| **Input** | Input Voltage | 120-277VAC +/- 10% | | |
| | Input Frequency | 50/60Hz | | |
| **Protection** | Over Current | Hiccup mode, auto-recovery after short circuit removed | | |
| | Short Circuit | | | |
| | Over Temperature | 90°C Max - Auto Recovery | | |
| **Environmental** | Ambient Operating Temp | -30°C - + 40°C / -86°F - + 104°F | | |
| | IP Rating | IP65 | | |

(Class2)

## Control Performance

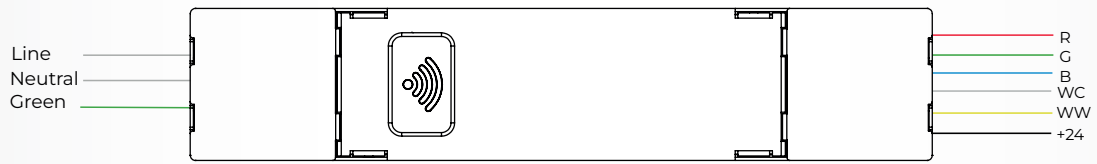| Control Protocol | RGB / Tunable White / Dimming |
|---|---|
| Dimming Range | 0.1 - 100% |
| Dim-to-Off | Yes |
| Dimming Method | PWM (2400Hz) |
| Dimming Curve | Logarithmic (Default) |

## Flicker Performance Graph

As defined in IEEE P1789, the results are presented with the low-risk in yellow and no observable effect in green.
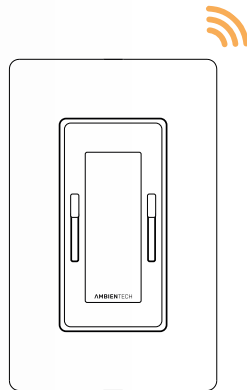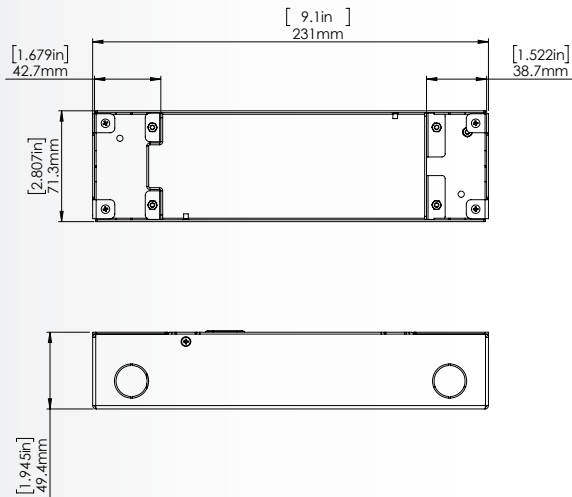
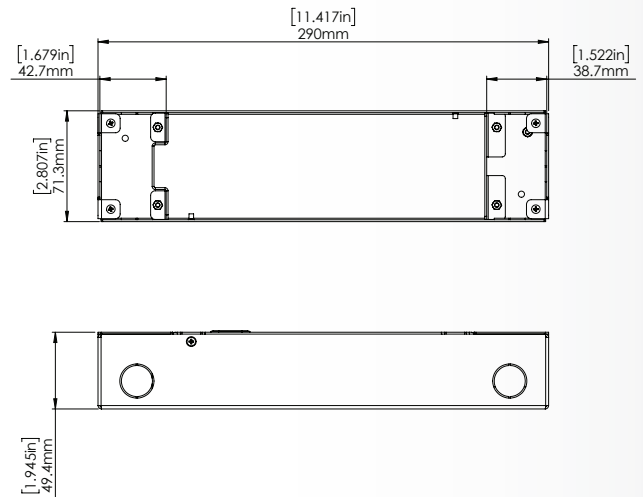Complies to Title 24 Flicker Requirements.



Dimming Level
- ▲ 100%
- ▲ 75%
- ▲ 50%
- ▲ 25%
- ▲ 5%
- ▲ 1%

Line — R
Neutral — G
Green — B
— WC
— WW
— +24
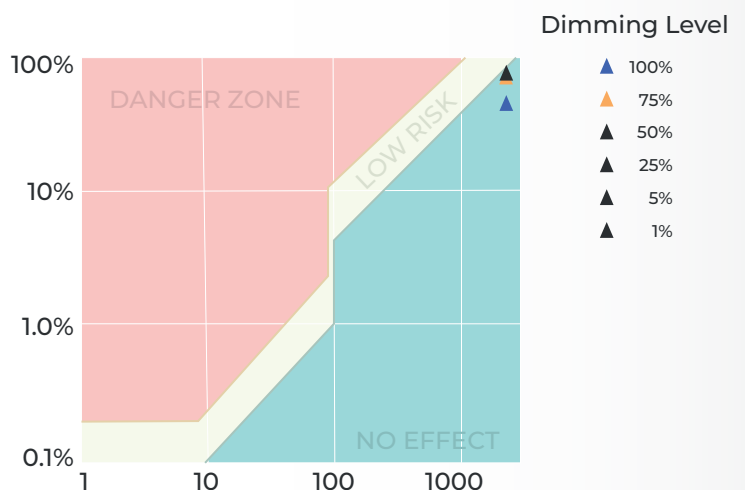
**3-Way Control is available**

**See App features page 4**

Zone 1
Control          Scenes
100%
100%

## Mechanical Specifications

### A

[ 9.1in ]
231mm

[1.679in]
42.7mm

[1.522in]
38.7mm

[2.807in]
71.3mm

[1.945in]
49.4mm

### B

[11.417in]
290mm

[1.679in]
42.7mm

[1.522in]
38.7mm

[2.807in]
71.3mm

[1.945in]
49.4mm

# SYSTEM

## FUNCTIONALITY

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

# SMART HOME

## INTEGRATION

Login   Zone Grouping   Dim-to-Warm   RGBWW   Dimming Only   BioRhythm   Scenes

**Works with Apple HomeKit**

**works with the Google Assistant**

**amazon alexa**

**Download the SmartAir App**

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