



# Colour Temperature Control with DZ1G300TUNE

**DZ1G300TUNE** is a Colour Temperature (CCT) Tune-able Controller that can work with other components for Dynamic Lighting control, which gives several interesting applications.

## Dual Rotary Button Interface for Dynamic Lighting

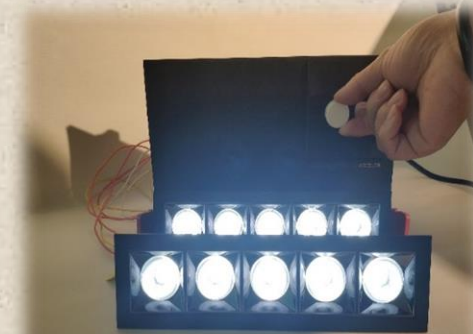
Below shows a Tune-able White Downlight (6500K – 2700K) adjusted to have 2 types of colour temperature values. The **Colour Temperature & Brightness** are adjusted by using the Two Rotary buttons on the Black wall plate connected to a **DZ1G300TUNE** controller at the back.



Furthermore, the Colour Temperature can also be adjusted by **Mobile APP**.



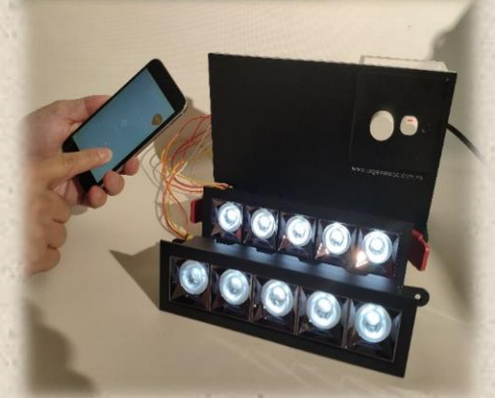
## Hybrid Control for Dynamic Lighting Upgrade in Retrofit Scenario



Brightness Control by Wall Dimmer



Colour Temperature by Mobile APP

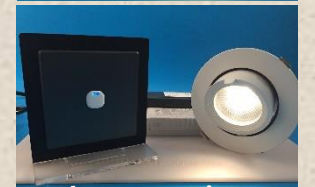


## Brightness Control

A **LED Dimmer** that operates based on a single Live-wire is installed on the Wall Plate. Our solution supports both Rotary Button & Push Button LED Dimmers; explore DZ3G450DIAL & DZ4G450MULT for details.

## Colour Temperature Control

The **Mobile APP** for Colour Temperature adjustment is added to **upgrade Non-Dimmable Lighting to Tune-able White LED Lighting in a retrofit scenario**, where new installation must be based on existing wiring.



Push Button Dimmer



## Tune-able White Track Light, LTAC Series

Several **90+ CRI** Tune-able White Track Lights have been made available:



Rotary Button

CCT Control Selection Switch

Model #	Description
LTAC-6527-T18-24D-VP01_BK_BP	20W, 6500K – 2700K, CRI 90+
LTAC-6527-T22-24D-VP01_BK_BP	30W, 6500K – 2700K, CRI 90+
LTAC-4018-T18-24D-VP01_BK_BP	20W, 4000K – 1800K, CRI 90+
LTAC-4018-T22-24D-VP01_BK_BP	30W, 6500K – 2700K, CRI 90+

### CCT Control Selection Switch

- Locally Set
- Collectively Set

## Dimming System Compatibility

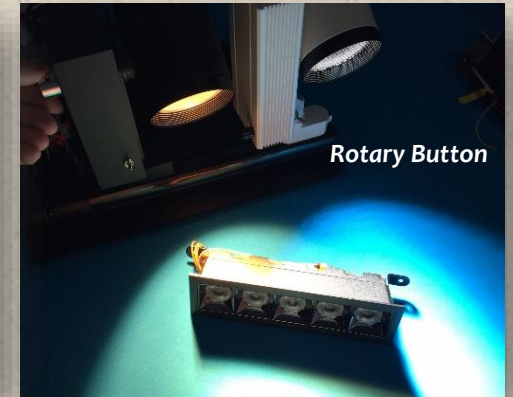
Our Tune-able White Track Light can work with Phase Dimming Signal either from a Trailing-edge Dimming System or a Legacy System (for Halogen & Incandescent Bulbs), which makes these track lights **Directly Applicable in Legacy Systems**.

## Colour Temperature (CCT) Adjustment

Our LTAC track light has a **CCT Control Selection Switch** to select whether the CCT should be **Locally Set** (via a **Rotary Button**) or **Collectively Set** with other track lights on the same track (via **External Control**) meeting practical needs.



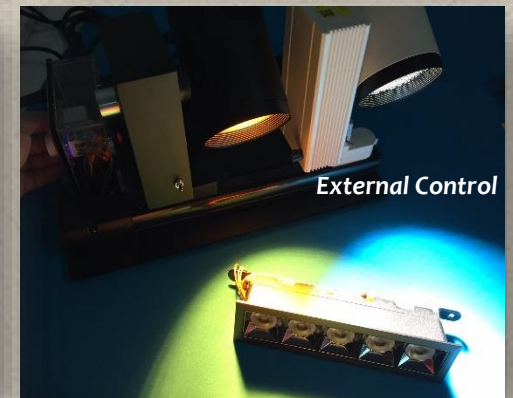
CCT Locally Set



Rotary Button



CCT Collectively Set



External Control

## Hybrid Control for Tune-able White Track Light

It's worth mention that **Mobile APP Integration** can be directly applied to our Tune-able White Track Lights. With this capability, the **CCT Control Selection Switch** allows users to choose the most suitable option depending on the situation: **Manual** or **Mobile APP**. This option is great for existing systems, where it may not be possible to install additional control buttons.



Legend Tech is a **Total Solution Supplier** with own Tune-able White LED Lights.

### Tune-able White Adjustable Recessed Downlight, LTAD Series

The Adjustable Recessed Downlights provide great flexibility for adjusting the light shooting angle best suitable for **Product Display** & **Directional Lighting** purposes. (Different Downlight designs are on the way.)



#### Options

- Beam Angles: 15° / 24°
- CCT Range: 6500K – 2700K (CRI 90+) or 4000K – 1800K (CRI 90 – 95)
- 30W products can be available upon request

### Tune-able White Dual Colour LED Strips, LTLS Series

Our Dynamic Lighting solution supports **Constant Current type of Dual Colour LED Strips** (up to 2m long each). LED Strips with colour temperature range of 7800K – 2200K (CRI 80) are available, while other specifications can be supplied on demand.



### Tune-able White Light Bar Series, LTML Series

The Linear Light Bars are designed for **Merchandise Items Display** (Model # LTML-6527-T09-3X1-15D & LTML-6527-T09-5X1-15D).

The **Cubic Shape Items** can be used as Tune-able White Downlights (Model # LTML-6527-T09-1X1-15D, LTML-6527-T09-2X2-15D & LTML-6527-T09-3X3-15D).



#### Options

- Beam Angles: 15°
- Power Rating: 5W / 15W / 20W / 25W / 45W
- CCT Range: 6500K – 2700K (CRI 90+) or 4000K – 1800K (CRI 90 – 95)

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