



# ALIGHT

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COB LED & LED LIGHTING

**Hot Sale LED Grille Lights**

# RECESSED CEILING SPOT LIGHTS



## Grille Light

AL-GL03-15W

AL-GL03-35W

AL-GL03-15Wx2

AL-TL03-35Wx2

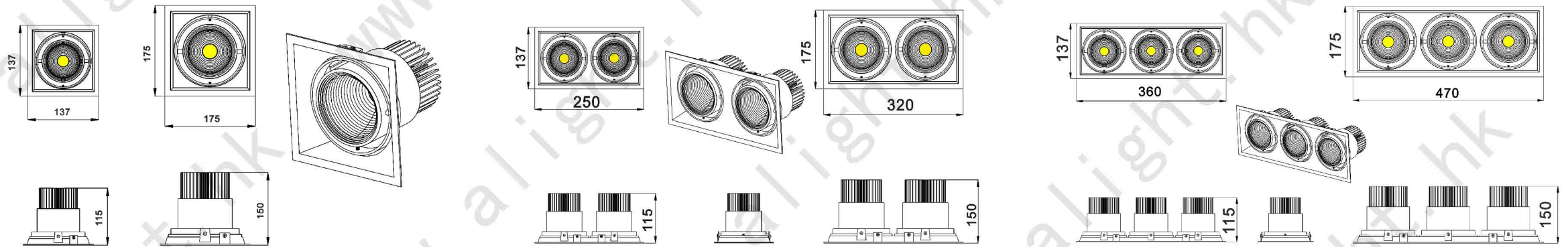
AL-GL03-15Wx3

AL-TL03-35Wx3



- Different wattages for your choice.
- The die-casting aluminum lamp body, with every parts well-designed and looking fashionable. All parts have been strictly according to EU regulation.
- No RF interference, no buzzing noise, no UV radiation.

# PRODUCT PARAMETERS



Model	Power	Size(mm)	Cut-out(mm)	LED	CRI (Ra)	CCT	Luminous Flux	Beam angle	Picture
AL-GL03-15W	15W	137*137*115	118*118	CREE CXA1807	≥80	2700K-6500K	1500lm	15°/24°/36°	
AL-GL03-35W	35W	175*175*150	155*155	CREE CXA2520	≥80	2700K-6500K	3400lm	15°/24°/36°	
AL-GL03-15WX2	15WX2	137*250*115	118*233	CREE CXA1870	≥80	2700K-6500K	1500lmX2	15°/24°/36°	
AL-GL03-35WX2	35WX2	175*320*150	155*305	CREE CXA2520	≥80	2700K-6500K	3400lmX2	15°/24°/36°	
AL-GL03-15WX3	15WX3	137*360*115	118*345	CREE CXA1870	≥80	2700K-6500K	1500lmX3	15°/24°/36°	
AL-GL03-35WX3	35WX3	175*470*150	155*452	CREE CXA2520	≥80	2700K-6500K	3400lmX3	15°/24°/36°	



# ***DALI DIMMING***

## **DALI Controlled Solutions**



**Grille Light**

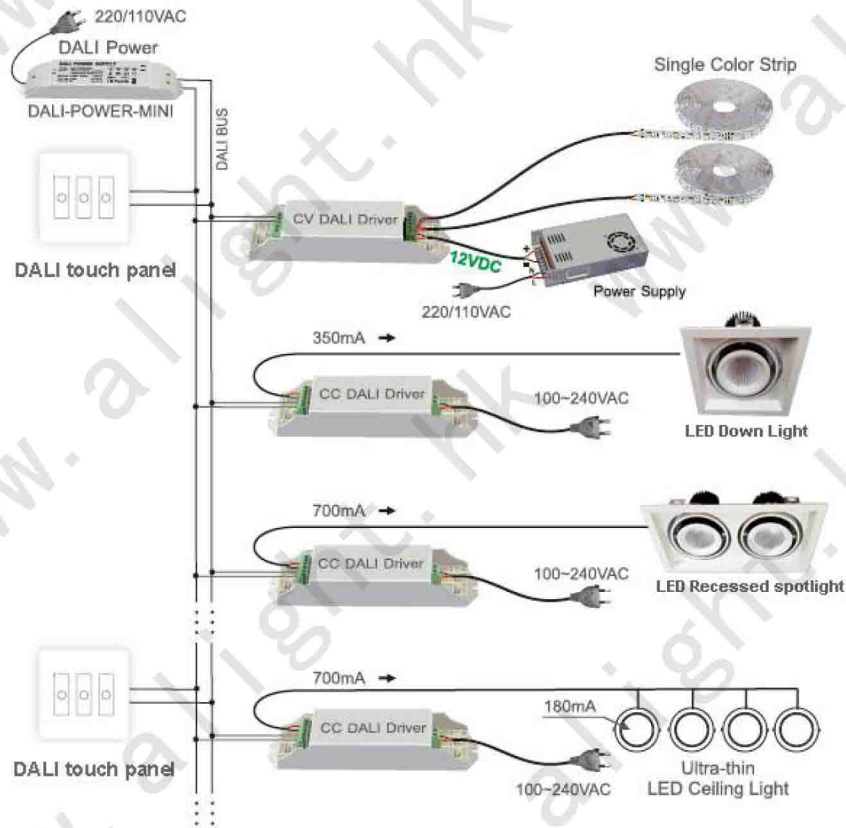


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## Technical Description

### DALI Diagram:



### What is DALI?

- **DALI** stands for Digital Addressable Lighting Interface. In other words, it is a worldwide standardized digital lighting interface.
- **DALI** is a two-way communication system that brings digital technology to lighting. Every aspect of lighting can be incorporated into a DALI control solution.
- **DALI** can control a single light fitting or a defined group of light fittings within a network.
- **DALI** allows for light fittings and user interfaces to use the same data network effectively reducing cabling by half.

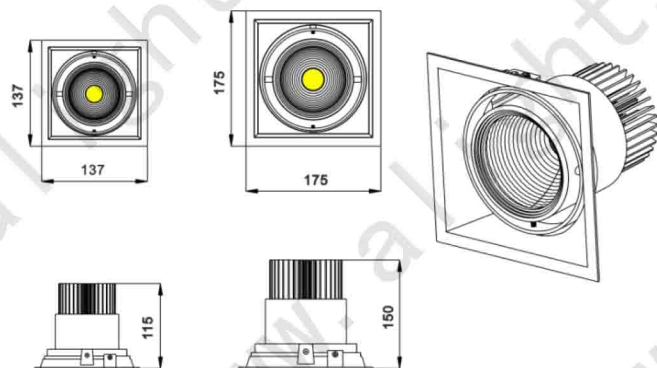
### DALI Dimming Track Light:

Adjustable spotlight with adapter for installation on mains voltage track for high-performance LED with monochromatic Neutral White (4,000K) emission.

### DALI driver built-into product.

The fitting is made of die-cast aluminum and thermoplastic material.

# PRODUCT PARAMETERS



*Wiring info : DALI components contained within the fitting.*

- Model : AL-GL0330-D
- Total power : 30W
- Size : 175x175x150mm
- Color : White
- Weight : 1kg
- Total lighting output : 2900lm
- Color temperature : 2700-6500K
- CRI : 80Ra
- Luminous efficacy (real value): 90lm/W
- Voltage : AC200-240V
- Life time: 50,000hrs L80 B10 (Ta 40°C)
- PF : > 0.95
- Beam angle [°]: 15 / 24 / 36



# **TRIAC SOFT DIM**

## **Warm Glow LED Dimming**



### **Grille Light**

AL-GL0315/30

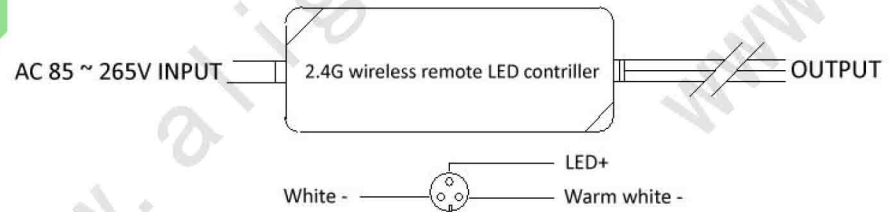


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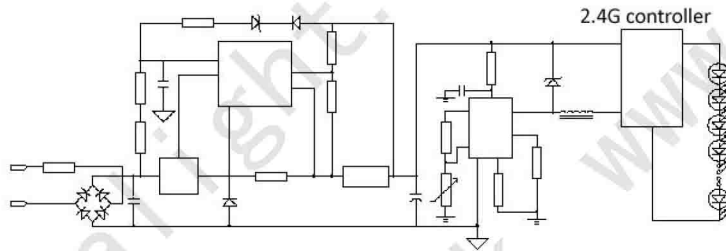


- 2.4G wireless remote controller systems
- Can use the triac dimmer to dim the Color temperature & Intensity, you only need to install our cct adjustable lamp, no need to change anything else.

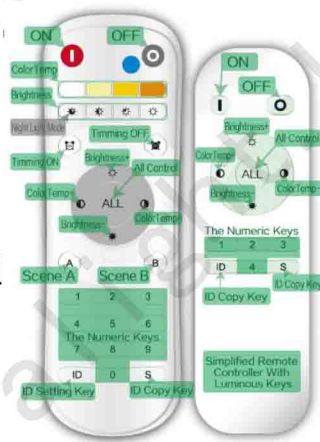
## TRIAC Diagram:



No strobe brightness adjusting: 1% ~ 100%  
 Color temperature adjusting :2800K ~6500K  
 Remote operating frequency : 2.4G



Triac with the 2.4G remote controller (wireless triac dimming):



## Technical Description

*LED Dimming offers both perfection & peace of mind.*

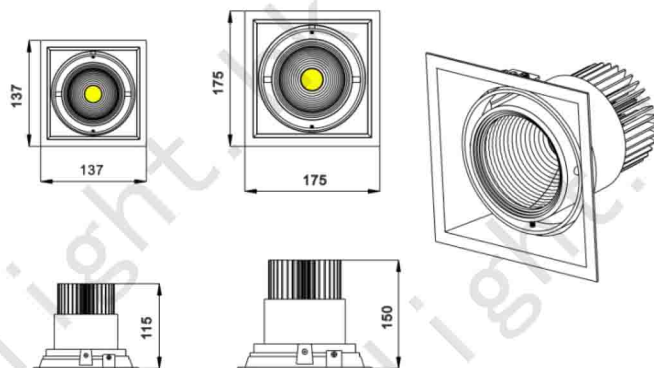
- **Soft Dim Technology** offers both conventional phase dimming and DALI controlled solutions.
- **Soft Dim** allows you to create the perfect balance between visual comfort and ambience.
- **Soft Dim Technology** not only reduces both the luminous intensity and colour temperature of the light source when dimmed , but also so following the curve of a halogen closely. The result is gradual and smooth transformation between 2800K and 6500K over the dimming range of 1% - 100%.

➤ **Remarks:** Dual color COB LEDs , they only can reach around 80lm/W for whole lamp. If you don't need color temperature adjustable, only need normal dimmable(e.g 2700K,3000K,4000K,5000K), we can reach 100lm/W.



# PRODUCT PARAMETERS

TRIAC Soft Dim



## LED: Dual colour COB chip

- Model : AL-GL0315/30
- Total power : 15W/30W
- Size : 137x137x115mm / 175x175x150mm
- Color : White
- Weight : 1kg
- Total lighting output : 1200 / 2900lm
- Color temperature : 2700-6500K
- CRI : 80Ra
- Luminous efficacy (real value): 90lm/W
- Voltage : AC200-240V
- Life time: 50,000hrs L80 B10 (Ta 40°C)
- PF : > 0.95
- Beam angle [°]: 15 / 24 / 36

# ***TRIAC DIMMING with CABLE***

With Dimmable Driver



**Grille Light**

AL-GL0320/30

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## TRIAC Diagram:

### TRIAC Dimming



## LED Dimmer:

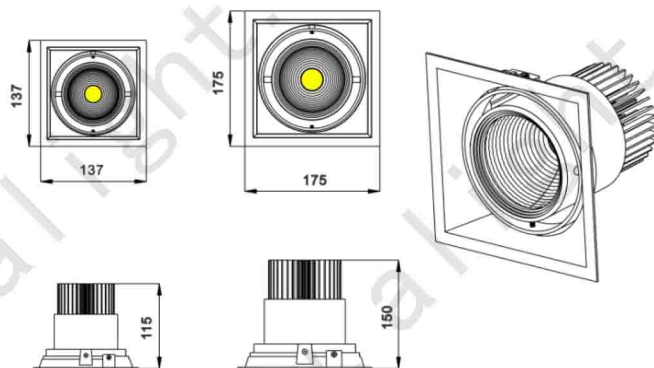


## Technical Description

- The triac dimming circuit, a diode alternating current switch (diac) and an LRC circuit generate a pulse that turns on the triac for some portion of the ac cycle. (The diac can conduct current in either direction, but not until breakdown voltage has been exceeded.) A potentiometer adjusts the point at which the diac to send the triac a trigger signal.
- Triacs make up the heart of AC light dimming controls. Triacs used in dimmers have normally been characterized and specified for incandescent lamp loads, which have high current ratings for both steady-state conditions and initial high in-rush currents, as well as very high end-of-life surge current when a filament ruptures.



# PRODUCT PARAMETERS



- Model : AL-GL0320/30
- Total power : 20W / 30W
- Size : 175x175x150mm
- Color : White
- Weight : 1kg
- Total lighting output : 1900 / 2900lm
- Color temperature : 2700-6500K
- CRI : 80Ra
- Luminous efficacy (real value): 90lm/W
- Voltage : AC200-240V
- Life time: 50,000hrs L80 B10 (Ta 40°C)
- PF : > 0.95
- Beam angle [°]: 15 / 24 / 36

If you are interested in our products, pls feel free to contact us. We look forward to cooperating with you !



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# Thank You

Take Alight,Take a Bright Life.