ECO Smart APP Control Recessed LED Downlight

RGB + 2700K - 6500K Tuya WiFi + Bluetooth Wireless Control

WiFi + Bluetooth · APP · Voice · ON/OFF · Dimmable · TUNABLE WHITE · RGB · SCENE · Timer · CIRCADIAN RHYTHM · Gateway

tuya · WORKS WITH alexa · works with the Google Assistant · GET IT ON Google Play · Download on the App Store

LM80 · 3/5 Yrs Warranty · SAA · IP54 · TUV

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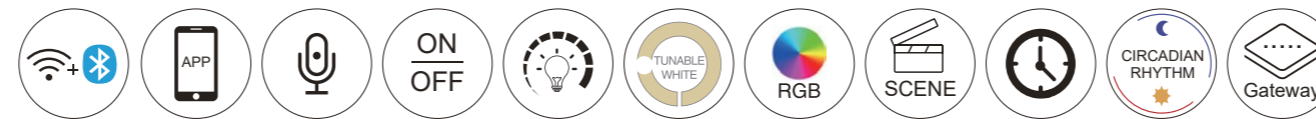
Introduction

This RGB LED down light incorporates the Tuya WiFi+bluetooth wireless control system, enabling comprehensive control over lighting regulation, group management, timing, scene configurations, music synchronization, and numerous other functionalities. Utilizing high lumen SMD and RGB light sources, it offers both RGB and brightness+CCT adjustability. Through its intelligent luminous effect, it delivers an aesthetically pleasing experience. The use of aluminum-coated plastic material ensures optimal heat dissipation, while the internal driver and control device design facilitate effortless installation.

Features

- Easy and convenient to control APP, support IOS/Android bluetooth V5.1 BLE protocol;
- With Tuya WiFi+Bluetooth smart function.
- Max. 256pcs led lights in a network.
- Multi-function: group controlling, timing, scene setting, RGB & music melodies.
- IP54 in front part.
- Integrated design makes the installation easier.
- Wi-Fi+BLE dual-mode module control.

WIFI+Bluetooth

Dual protocol communication

The ECO Smart APP Control Recessed LED Downlight is a worry-free affair with this product - there's no danger of network outages. Plus, your Wi-Fi+BLE dual-mode module can support Wi-Fi and Bluetooth single-point dual-mode communication, which will reserve space for compatible multi-communication devices.

Application Areas

It is designed for general lighting applications such as home, office, shop, hotel, restaurant etc.

Technical Data Sheet

Code No.	GUECO-9W-B-RGB-TW2.7-6.5K
Dimension(mm)	Ø115*60
Cutout (mm)	Ø90-95
Watt(W)	9W
Rated Input Voltage(V)	AC230V
Input Voltage(V)	AC220-240V
LED Module Input	-
Light Source	SMD2835+5050RGB
SDCM	<6
CCT(K)	2700K - 6500K+RGB
CCT Selection	Signal Control
Luminous Flux (lm) ±5%	900-1000
CRI	80
Beam Angle (°)	90°
UGR	-
LED Driver	Built-in
Dimming Option	Signal Control
Sensor	-
Emergency Kits	-
Electrical Class	Class II
Ingress Protection (IP Rating)	IP54(Below Ceiling) IP40(Inside Ceiling)
Impact Resistance (IK Rating)	-
Product Finishing(Base)	White RAL 9016
Materials of Optics	PC
Materials of Housing	PA6
Lifetime (hr)	50,000H
Glow wire test (°C)	750°C
Operating Temp. (°C)	-20°C ～ 25°C
Storage Temp. (°C)	-20°C ～ 65°C
Installation	Recessed

Measurement

Code	Dimension(mm)				Size(mm)
	A	B	C	D	
GUECO-9W-B-RGB-TW2.7-6.5K	115	60	82	88	Ø115*60
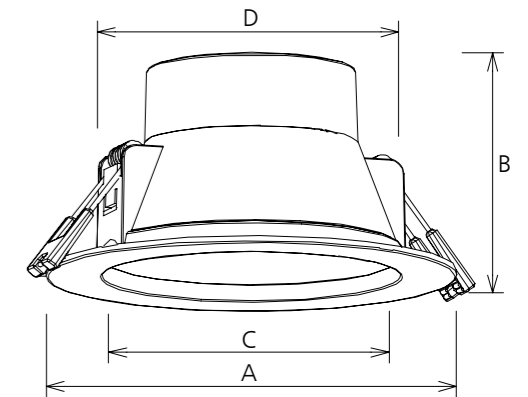
Driver Datasheet

Total load wattage		9W	RGB
Output	Output Voltage range	DC278-290V	DC17-18.5V
	Rated output current	25mA	80mA
	Line Regulation	10%	
	Setup, Rise Time	0.5S	
	Flickering Index	<1%	
Input	Input Voltage	220-240VAC	
	Rated Input Voltage(V)	AC230V	
	Frequency	50HZ	
	Input Current	89mA	
	Rated Input Current	80mA	
	Power Factor	0.43	
	THD	-	
	Efficiency	>80%	
	No load wattage	<0.5W	
Protection	Short circuit protection	-	
	Over voltage protection	-	
	Over temperature protection	PASS	
Safety &EMC	Withstand voltage	-	
	Isolation Resistance	-	
	Surge	L-N 0.5KV	
	EMC Emission	EN55015	
	EMC Immunity	EN61547	