

PRODUCT DESCRIPTION

The new RGB disk light is a sleek, low-profile fixture designed to blend modern aesthetics with versatile illumination. Compact yet powerful, it delivers vibrant, energy-efficient lighting that can shift seamlessly through a full spectrum of colors, making it ideal for mood-setting or accent applications.



Part #: RGL-6IN-12W-RGB

PRODUCT FEATURES & COMMON USE APPLICATIONS

- ✓ Lumileds Chip, high CRI.
- ✓ Input voltage 120Vac
- ✓ No UV or IR in the beam
- ✓ Easy to install and operate
- ✓ Energy saving, long lifespan
- ✓ Instant start, NO flickering, NO humming
- ✓ Green and eco-friendly without mercury
- ✓ Output constant current lever can be adjusted through output cable with 0-10V.
- ✓ Living room
- ✓ Residential/Home lighting
- ✓ Building, The Hotel.
- ✓ Wall lighting Area ETC.

PRODUCT DIMENSIONS



Rugged Grade Lighting
Industrial Grade Solutions



LEGENDARY USA SUPPORT

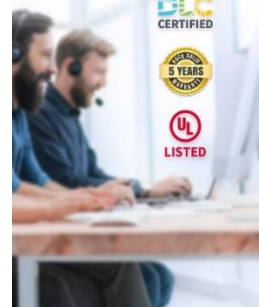


US based
phone and online
customer support

DLC
CERTIFIED

5 YEARS
WARRANTY

UL
LISTED



888-953-2476
sales@ruggedgrade.com

PRODUCT TECHNICAL SPECIFICATIONS

OPTICAL	Input Power (Tolerance: ±10%)	12W
	Color Temperature	RGBCW
	Lumen (Tolerance: -10%)	800 LM
	Efficacy (Tolerance: -3%)	70 LM/W
	CRI	>82Ra
	IC Rated	Yes
	Beam Angle (50%) (Tolerance: ±15%)	110°
	Input Voltage and Frequency	120VAC
	PF (Tolerance: -3%)	≥0.95
ELECTRICAL	THD (Tolerance: +5%)	≤20%
	Flicker Percent	<70%
	Driver Brand	RG
	Driver Model	RG-12W-120v-RGB
	Dimming	App dimming only
	APP info	Tuya App(also works with alexa and hey google)
	LED Brand	Lumileds
MATERIALS	LED Type	SMD2835+3030RGB
	Housing	PC
	Housing Color	WHITE
	Waterproof Rating	Damp
	Operating Temperature	-20°C TO 40°C
	Storage Temperature	-30°C TO 75°C
	Operating Humidity	10% - 90% RH
OTHERS	Storage Humidity	5% - 95% RH
	Warranty	5 years warranty with 24/7 operating hours Luminaire lifetime at 25°C.

APP INFORMATION



- APP Intelligent Control:** Download *TUYA Smart APP* to connect and enjoy intelligent control. Only support 2.4 GHz Wi-Fi.
 - Make your own schedule to turn off/on recessed light;
 - Control recessed lighting in groups;
 - Remotely control the canless led recessed light through the APP;
 - Share other devices to control the led smart recessed lights together;
 - With memory function will stay at the last setting you choose while turn on again
- Music Synch:** The smart recessed lighting can change the color with the beat of the music or the sound of the game.
- Scheduled On-Off:** Enjoy the benefits of smart living by scheduling your lights to wake you up in the morning, to turn on when you arrive home.
- Voice Control:** Compatible with Alexa and Google Assistant. A simple dialogue can turn LED Recessed Lighting on or off and adjust more colors.



PRODUCT IMAGES & ACTUAL INSTALLATIONS

1. Cut a 6.25inch diameter hole



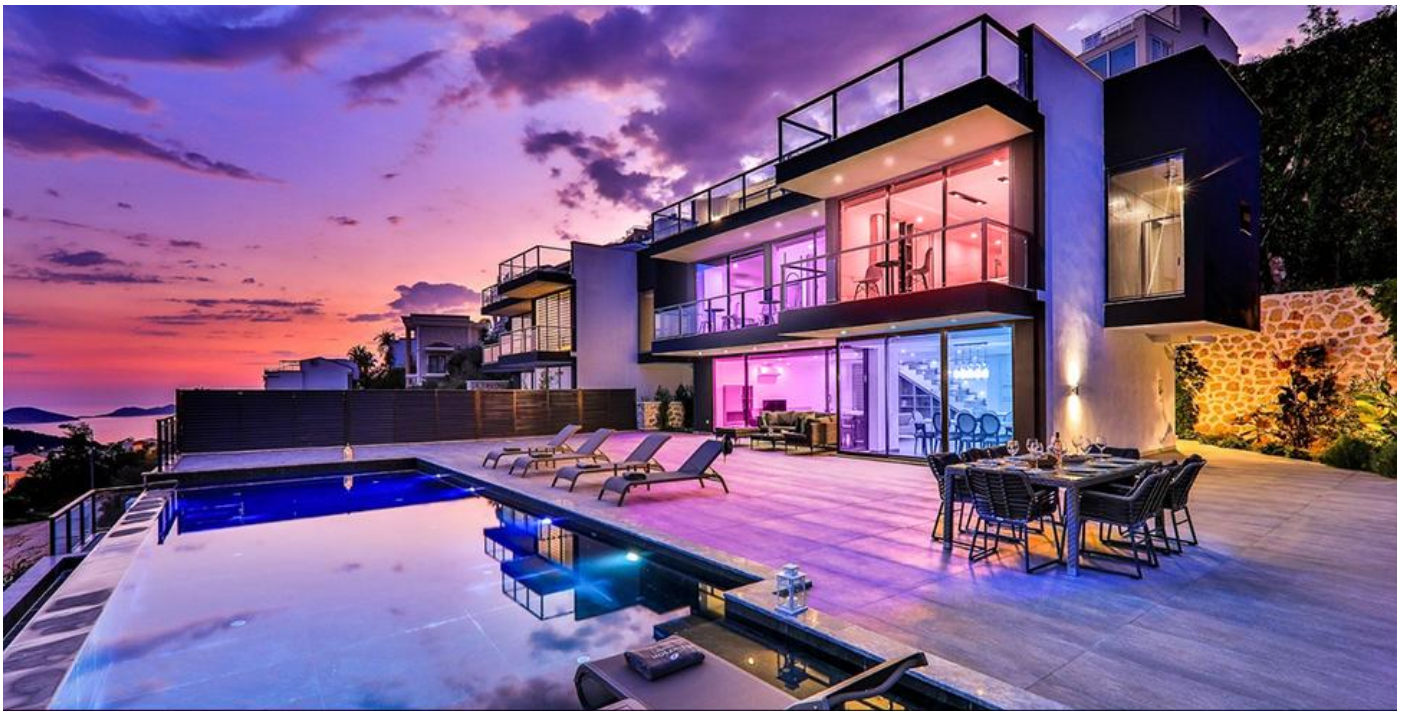
2. Connect the wires accordingly



3. Connect the LED panel to the driver



4. Insert the light into the ceiling



APP CONTROL



VOICE CONTROL



GROUP CONTROL



APP DIMMER



MUSIC SYNC



16 MILLION COLORS



COOL & WARM



TIMER



PRODUCT WARNINGS

- ⚡ Please turn off power before install or change assembly parts.
- ⚡ The input voltage and lamps should be matched, after connecting the power line.
- ⚡ Please make sure the wiring section is insulated.
- ⚡ Professionals must install and disassemble the lamps.
- ⚡ Surge is the number 1 cause of LED light failure. Outdoor lights must have surge at fixture, pole, and breaker.
- ⚡ Surge is the number 1 cause of LED light failure. Indoor lights must have surge at fixture and breaker.

PRODUCT TROUBLESHOOTING

Issue	Check points
Light Flickers	Check all wiring for disconnections, shorts and burnt wiring and connections. Confirm steady input voltage to the light fixture, fluctuating input voltage will harm the LED driver and can lead to premature failure. Lights with photocells can have photocell tag from ambient light or light reflecting at the sensor. Simply cover the photocell completely and see if flickering continues while the photocell is covered. Call Tech Support for help if none of the above solves the issue.
Light does not work at all.	Check all wiring for disconnections, shorts and burnt wiring and connections. Confirm steady input voltage to the light fixture, fluctuating input voltage will harm the LED driver and can lead to premature failure. If input voltage is not in the voltage range of the fixture, you will need to find the source of your input voltage issue. Call Tech Support for help if none of the above solves the issue.

For more technical information, install questions, troubleshooting help or warranty claims, we have a dedicated US Tech and Customer Support Team to help solve any issues you have and can be reached by email or phone. If you need help with any of our products, we are here for you so that you are never in the dark!



**BETTER LIGHTS.
BETTER SUPPORT.**



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ROCK SOLID
5 YEARS
WARRANTY