

OMIKRON-LED Down Light Series User's Manual

Thank you for choosing the GL-LED Down Light Series LED products. Please install and use the products according to the following directions to ensure normal function and operation. If you do not follow these instructions to properly install and use the GL-LED Down Light Series, you will not be eligible for warranty compensation or protection. We do not take any responsibility for product damage resulting from improper installation or abnormal usage.

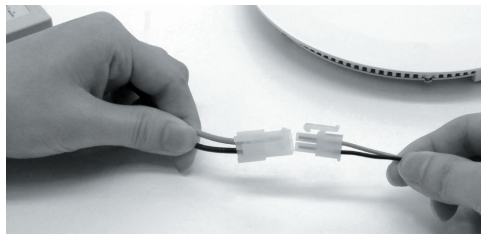
* For 3 in 1 dimmable function

- "DIM+ / DIM-" Connecting a variable resistor (10K~100K resistor) / 1~10Vdc Direct Voltage or a 10V / PWM signal can adjust the dimmable lighting.
 - Connecting "DIM+ / DIM-" to "AC L / AC N" may damage the Lighting.
 - When the control cable "DIM+ / DIM-" is open, LED Light output is 100%.
 - The 3 in 1 Dimmer is not capable of turning off the LED light completely. To turn off the light, we would recommend you to use the dimmer with a switch.
- For detailed 3 in 1 dimmable function description, please visit the web site: <http://www.glaciallight.com/products/PDF/3in1Dimming-Function.pdf>



Installation Guidelines

1. Unpack the GL-LED Down Light from the packaging box.
2. Take out the LED driver and the LED Down Light with caution.
3. Connect the LED driver and the LED Panel Light into the DC power cord connector (red to red, black to black). Do not connect the LED Panel Light into any other non-compatible LED driver which may cause product damage.

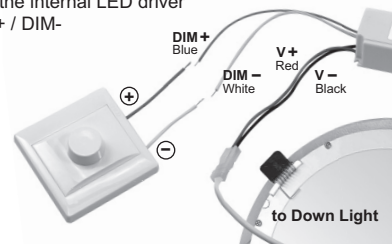


4. The DC power cord connector should be properly connected, not loose.



* For 3 in 1 dimmable

Connect the Dimmable cord with the internal LED driver DIM+ / DIM-

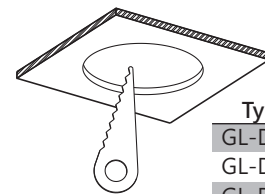


* Connecting "DIM+ / DIM-" to "AC L / AC N" may damage the Lighting.

5. Turn off the main power source before installation to avoid electric shock. Then properly insert Line (L) and Neutral (N) into the AC power connector.
6. The AC power connector should be properly connected, not loose.

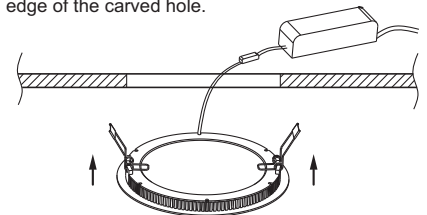


7. Carve a hole according to the dimension of the LED light on the ceiling.



Type	hole size
GL-DL04	Ø107mm
GL-DL06-IP	Ø156mm
GL-DL06	Ø165mm
GL-DL08-IP	Ø200mm
GL-DL08	Ø225mm
GL-DL10	Ø280mm

8. Carefully place the LED driver through the hole and securely hook the spring frames onto the edge of the carved hole.



9. Turn on the AC power to light up the LED Down Light.

Instructions

To ease the installation process and ensure the optimal performance of the product, carry out the installation procedure in compliance with the following safety regulations.

- Unpack carefully and ensure there is no product damage during shipping. Should the product be found damaged during shipping, please return it to your supplier.
- Unless otherwise specified, never connect the device with any dimmer switch.
- All the electrical wiring necessary for the proper installation of the LED Down Light is supposed to be conducted by qualified personnel to prevent electric shock or product damage.
- Avoid humidity. Should the LED Down Light be moistened by any liquid or fluid that may conduct electricity, immediately disconnect it from the power source.
- In case of a malfunction, turn off the power source immediately. Never try to repair the LED Down Light by yourself which may cause serious damage and void your warranty. Instead, contact your local dealer for technical assistance.
- Please recycle the package.

Lamp

- Never touch the luminaire when it turns on or gets hot.
- Unless otherwise specified, never use LED luminaires in humid environments.
- Appropriate ambient temperature: -20 to 40°C

Troubleshooting

- One of the following problems may appear while you use the LED lamp:

- * **No light:** Check whether your LED lamp and all other accessories are properly fitted into the fixture adequately connected to the specified power source.
- * **Fixture Cleaning:** To optimize the light output, we recommend that you periodically clean the internal and external optical lenses as well as the reflection mirrors. Only use a dry soft cloth, a dust brush or a vacuum cleaner and never use any liquid chemical cleaner or water to clean the lamp.

CAUTIONS

1. If the external flexible cable or cord of this luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard.
2. Prior to installation, remove the AC power.