

**Nilight**

5017C-B ROUND  
FLOOD LIGHT



## Nilight 15017C-B Round Flood Light User Manual

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**Nilight**

Nilight 15017C-B Round Flood Light



## INTRODUCTION

For people who want reliable, long-lasting, and bright lighting for their car, the Nilight 15017C-B Round Flood Light is a great choice. This LED flood light, which only costs \$17.48, has a powerful 42W output that makes it easy to see during off-road trips, camping, or any other activity that takes place at night. The plastic lens is strong and waterproof, so it works great in all kinds of weather and fits on a wide range of vehicles, such as cars and trucks. This flood light was released on October 8, 2020, by Nilight, a well-known brand in vehicle lighting. It has a clear lens that lets more light in and lasts for more than 50,000 hours. The Nilight 15017C-B is a reliable and bright flashlight that is a good value for money. It can be used to work on your car or take it on a rough journey. It's the best choice for anyone who wants to improve the lighting in their car because of how sleek and useful it looks.

## SPECIFICATIONS

|                             |                           |
|-----------------------------|---------------------------|
| <b>Brand</b>                | Nilight                   |
| <b>Price</b>                | \$17.48                   |
| <b>Vehicle Service Type</b> | Car                       |
| <b>Special Feature</b>      | Waterproof                |
| <b>Wattage</b>              | 42W                       |
| <b>Auto Part Position</b>   | Front                     |
| <b>Lens Color</b>           | Clear                     |
| <b>Lens Material</b>        | Acrylic                   |
| <b>Manufacturer</b>         | Nilight                   |
| <b>Item Weight</b>          | 2 pounds                  |
| <b>Package Dimensions</b>   | 6.02 x 4.84 x 4.84 inches |
| <b>Country of Origin</b>    | China                     |
| <b>Item Model Number</b>    | 15017C-B                  |
| <b>Date First Available</b> | October 8, 2020           |



## WHAT'S IN THE BOX

- Round Flood Light

- User Manual

## FEATURES

- **High Performance LED:** It has 14 high-quality 3W LED chips that add up to 42W of power and give off an amazing 4200 Lumens.
- **Pure White Light:** Gives off pure white light in the 6000K to 6500K color temperature range, which makes things easier to see in dim or foggy circumstances.
- **Flood Beam Pattern:** The flood beam design spreads light out over a large area, lighting up the whole road or area. This makes it easier to see when moving at night.
- **Construction that lasts:** The metal housing is strong and won't break, and it's made to handle harsh environments.
- **The light has an IP68 rating:** which means it is waterproof against water, dust, and other small particles. This makes it great for use off-road and outside.



- **Corrosion and Shock Resistance:** The light doesn't rust and doesn't break when it shakes, so it can handle rough circumstances.
- **Long Lifespan:** This light will work for more than 50,000 hours, so it will be reliable and work well for a long time.





- **Temperature Range:** It works well in temperatures ranging from -40°C to 85°C, so it can be used all year.
- **Wide Voltage Compatibility:** It works with 9V to 30V DC, so it can be used with a wide range of cars, including those with 12V or 24V systems.
- **Small Size:** Its width is 4.5 inches, so it can be mounted in a number of ways without taking up too much room.
- **Effective Heat Dissipation:** The 1.9-inch thick housing design allows for the best cooling, which keeps the device from burning and makes sure it works safely.



- **Many Uses:** It can be used on 4x4s, ATVs, UTVs, SUVs, trucks, trailers, boats, and off-road vehicles and tools like forklifts, cranes, and more.
- **Easy to Install:** It comes with a universal mounting bracket that makes it easy to attach to bumpers, roof racks, and a-pillars, among other parts of a car.
- **Shockproof:** It can handle vibrations and rough terrain, making it great for going off-road and doing other outdoor activities.
- **Cost-effective:** It has a low price for how well it works and how long it lasts, making it a great deal for both casual and expert users.

## SETUP GUIDE

- **Check Before Installing:** Make sure the engine is turned off before installing to avoid any electricity problems.
- **Pick the Right Place:** Pick a spot on your car (like the bumper, roof rack, or grill) where the light can shine brightly on the area you want to brighten.
- **Positioning the Mounting Brackets:** To keep the light in place, use the mounting brackets that came with it. Make sure the surface you're mounting on is clean and steady.
- Connect the light's positive and negative wires to the car's power supply. Make sure the polarity is right to avoid short circuits.
- **Using a Fuse:** To keep yourself safe, put in a fuse so that electrical surges don't damage the light or the wires in your car.
- **Sealing with waterproof tape or connectors:** To keep water out, make sure that the wiring connections are sealed with waterproof tape or connectors.
- **Angle Adjustment:** After mounting the light, you can change its angle to make sure it shines brightly on the area you want.

- **Secure the Light:** Make sure the mounting brackets are tight so the light doesn't move around while going off-road.
- **Test the Light:** Start your car and test the light to make sure it's working right and giving you the right amount of light.
- **Voltage Compatibility:** Make sure that the voltage in your car is the same as the voltage range that the light needs (9-30V DC).
- **To keep the wires neat and safe,** use zip ties or wire clips to hold them in place and keep them from rubbing against sharp edges.
- **Put in Pairs for Better Coverage:** To get more even lighting, you might want to put the lights in pairs or groups of four.
- **Check the Laws:** If you plan to use the lights on public roads, make sure that your placement follows the rules and laws in your area.
- **Use with a Switch:** For easy on/off control, especially when you're not on the road, install a specialized switch.
- **Final Safety Check:** Before you drive, double-check the light's installation to make sure it's properly fixed and the wiring is still connected.

## CARE & MAINTENANCE

- **Cleaning Every Month:** Wipe the lens and case clean with a soft cloth to get rid of dust, dirt, and other particles. Stay away from rough things that could scratch the skin.
- **Check for wetness:** Check the light every so often for any signs of wetness inside the lens or housing. If you see any, it could mean that the seal has broken.
- **Check the wire:** Make sure the wire is still whole and not frayed or corroded, especially after using the vehicle off-road.
- **Tighten Mounting Bolts:** Make sure the mounting bolts and brackets stay tight by checking them often. This will keep the light safely in place.
- **Protect from saltwater:** If you use the light near the water, wash it with clean water to keep salt from corroding it.
- **Make sure the cooling works right:** Make sure that the parts that get rid of heat, like the housing and fans, are not clogged with dirt or other things.
- **Check Seals:** Look at the rubber seals around the light to make sure they aren't broken or worn, which could let dust or water in.
- To keep the light from getting too hot, let it cool down between uses, especially after long drives off-road or at night.
- **Watch for Flickering:** If the light starts to dim or flicker, check the wires and connection points for possible problems.
- **Regularly:** Check the light every so often to make sure it's working right, especially before long trips or off-road adventures.
- **Avoid Impact:** Keep the light away from bumps or strong movements that could hurt the lens or other parts inside.
- **Store Indoors When Not in Use:** If you're not going to be using the light for a long time, keep it somewhere dry and cool to keep it from getting damaged by high or low temperatures or water.
- **Check for rust:** If the light has been in bad weather or near salty roads, look for signs of rust and clean it well.
- **Replace Broken Parts:** If the light breaks or a part stops working (like an LED chip), you should replace the

broken parts right away to keep the light working.

**TROUBLESHOOTING**

| Problem                              | Possible Cause                              | Solution   |
|--------------------------------------|---|--|
| Light does not turn on               | No power supply to the light                | Check wiring and connections, ensure power is on |
| Flickering or dim light              | Loose connections                           | Tighten or secure all wiring connections         |
| Light turns off intermittently       | Voltage fluctuations or poor wiring         | Inspect wiring for damage or wear                |
| Water condensation inside the lens   | Waterproof seal is compromised              | Check seal and replace if damaged                |
| Light overheating                    | Insufficient ventilation                    | Ensure proper ventilation during installation    |
| Light not working after installation | Incorrect installation                      | Verify wiring and connection setup               |
| Reduced brightness over time         | Dust or dirt accumulation on lens           | Clean the lens surface with a soft cloth         |
| Light producing uneven illumination  | Misalignment or improper installation angle | Adjust the light angle for even distribution     |
| Blinking or flashing                 | Power supply issues                         | Inspect power source and wiring connections      |
| Light produces low output            | Faulty or damaged LED chips                 | Replace LED chips if necessary                   |

**PROS & CONS**

**Pros:**

- 1. Bright 42W output enhances visibility on dark roads.
- 2. Waterproof design ensures longevity in wet weather.
- 3. A durable acrylic lens ensures clear, powerful illumination.
- 4. Affordable price for high-quality vehicle lighting.
- 5. Long lifespan of over 50,000 hours.

**Cons:**

- 1. Not suitable for high-beam headlights.
- 2. May require additional wiring for installation.
- 3. Limited to front-position use.
- 4. Only available in one lens color (clear).
- 5. Not compatible with all vehicle models.

**WARRANTY**



The Nilight 15017C-B Round Flood Light comes with a **2-year warranty**, offering peace of mind and ensuring that you are covered for any manufacturing defects or issues within the warranty period.

## FREQUENTLY ASKED QUESTIONS

What is the price of the Nilight 15017C-B Round Flood Light?

The Nilight 15017C-B Round Flood Light is priced at \$17.48, offering an affordable and reliable lighting solution for your vehicle.

What type of vehicle is compatible with the Nilight 15017C-B Round Flood Light?

The Nilight 15017C-B Round Flood Light is designed for use with cars, providing powerful illumination for various automotive needs.

What special feature does the Nilight 15017C-B Round Flood Light offer?

The Nilight 15017C-B Round Flood Light is waterproof, ensuring durability and reliable performance in challenging weather conditions.

What is the wattage of the Nilight 15017C-B Round Flood Light?

The Nilight 15017C-B Round Flood Light has a power output of 42 watts, offering ample brightness for your automotive lighting needs.

What is the lens color of the Nilight 15017C-B Round Flood Light?

The Nilight 15017C-B Round Flood Light features a clear lens, ensuring maximum light output and clarity.

What is the lens material of the Nilight 15017C-B Round Flood Light?

The Nilight 15017C-B Round Flood Light is equipped with an acrylic lens, providing strength and clarity for reliable performance.

What is the item weight of the Nilight 15017C-B Round Flood Light?

The Nilight 15017C-B Round Flood Light weighs 2 pounds, offering a solid, sturdy build without being overly heavy.

What are the package dimensions of the Nilight 15017C-B Round Flood Light?

The package dimensions for the Nilight 15017C-B Round Flood Light are 6.02 x 4.84 x 4.84 inches, making it compact and easy to handle during installation.

## References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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