

Aluminium Heat Sink for High Power LED (1/3/5 Watt)



Photo by ElectroPeak

High-quality 1W/3W/5W star heat sink with a 20mm aluminum base plate and 2-pin design. Ideal for DIY LED board kits, ensuring efficient heat dissipation for improved LED performance and longevity.

Features:

- Achieve efficient thermal management and enhance the lifespan and performance of your LED lighting with this high-quality star heat sink, specially designed for 1W, 3W, and 5W light-emitting diodes (LEDs).
- Constructed with a durable 20mm aluminum base plate, this heat sink provides superior heat dissipation, preventing LED overheating and ensuring stable and reliable performance in various applications.
- LEDs generate heat during operation, and excessive heat buildup can reduce their brightness, efficiency, and lifespan.

- This aluminum star heat sink is engineered to absorb and disperse heat effectively, keeping LED temperatures low and ensuring consistent light output.
- If you're working on DIY LED projects or need a reliable cooling solution for your LED modules, this 20mm star heat sink is the perfect choice.
- Its efficient thermal management ensures that your LEDs run brighter, longer, and more efficiently.
- Upgrade your LED setup today with this high-quality, durable, and easy-to-install heat sink!
- The star-shaped design maximizes surface area, allowing better airflow and faster cooling, making it an excellent choice for DIY projects, LED lighting systems, and custom applications.

Applications:

- DIY LED lighting projects.
- LED board kits for home and commercial use.
- Automotive LED modifications.
- High-power LED modules requiring heat dissipation.

Please Note:

- Read All Description & Fitment Before Ordering the Product.
- Please Allow $\pm 1-10$ mm Deviation Due to Manual Measurement.
- Check the Fitment Model & Compare the Pictures Before Your Purchase, Thanks!
- Installation Instructions Not Included, Tool Not Included.
- Professionals Installation is Strongly Recommended to Avoid Trouble Caused By Inexperienced Installer!
- Product Color/ Texture May Slightly Vary Due to Photographic Lighting Sources or Your Monitor/ Mobile Settings.

Package Include:

- 1 x 1W /3W /5W SMD LED Chip (Quantity As Per Your Order).

[Details](#)

The Aluminium Heat Sink For High Power LED is designed for temperature-sensitive electronic applications and high-power LED use. It helps transfer and dissipate heat generated by LED components. The heat sink is made of aluminum and comes in black. It is specified for 1W, 3W, and 5W LED power ratings. Its compact 20 mm diameter and 1.5 mm thickness make it suitable for LED mounting and thermal management needs.

Features of Aluminium Heat Sink For High Power LED - 1W, 3W, 5W, 20 Mm

- Aluminum construction
- Suitable for high-power LEDs
- Black color
- 1W, 3W, and 5W ratings
- Compact heat-dissipation design

Specifications of Aluminium Heat Sink For High Power LED - 1W, 3W, 5W, 20 Mm

- Material: Aluminum
- Power rating: 1 W
- Power rating: 3 W
- Power rating: 5 W
- Diameter: 20 mm
- Thickness: 1.5 mm
- Color: Black
- Suitable for: High-power LEDs
- Thermal Conductivity: 1.6
- Surface Treatment: Anodizing

How to Use Aluminium Heat Sink For High Power LED - 1W, 3W, 5W, 20 Mm

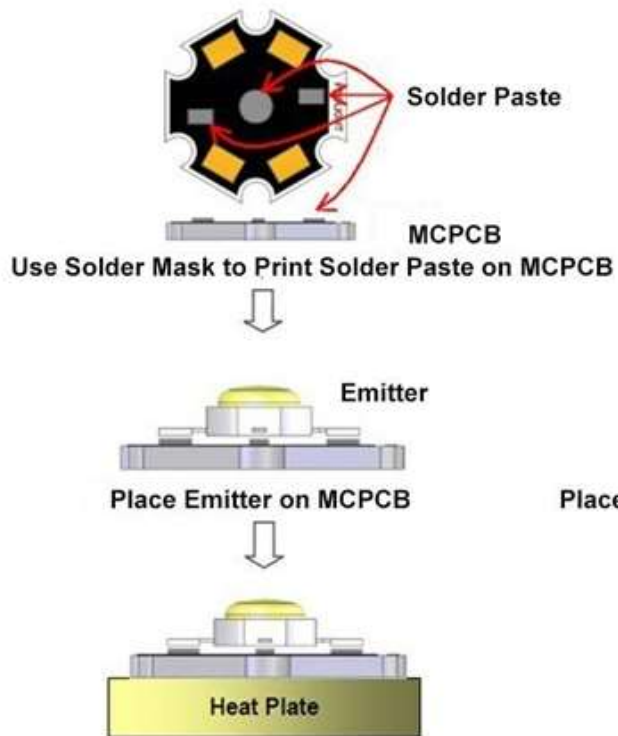
1. Place the heat sink with the high-power LED component.
2. Install it as part of the LED cooling setup.
3. Use it for the listed 1W, 3W, or 5W LED power ratings.

More Info

- LED heat sink for thermal management applications.
- Compact aluminum base plate format.

Heat Plate Soldering Condition

(1) Soldering Process for Solder Paste



(2) Soldering Process for Solder Wire

