

## Amaran Gama\_ACE\_25c

# Amaran Ace 25c Pocket RGBWW LED Light User Manual

Model: Gama\_ACE\_25c

## INTRODUCTION

The Amaran Ace 25c is a compact, full-color on-camera LED light designed for mobile creators. It offers powerful light output, versatile color control, and a travel-ready setup. Featuring the Amaran Ace Lock quick-release mount, extended battery life, and fast charging capabilities, this light is engineered to enhance your content creation experience.



Figure 1: Front and back view of the Amaran Ace 25c LED Light, showcasing its compact design and display screen.

## SETUP

### What's in the Box

- 1x amaran Ace 25c LED Light
- 1x amaran Ace Dome Diffuser
- 1x amaran Ace Lock to Cold Shoe Adapter
- 1x amaran USB-C Charging Cable (50cm)

# What's in the box?



**Ace 25c**



**Ace Dome Diffuser**



**Lock to Cold Shoe Adapter**



**USB-C Charging Cable (50cm)**

Figure 2: All components included in the Amaran Ace 25c package.

## Initial Charging

Before first use, fully charge the Amaran Ace 25c using the provided USB-C charging cable. Connect the USB-C cable to the port on the side of the light and to a compatible USB power adapter. The battery indicator on the display will show charging progress. A full charge from 0-90% typically takes approximately 40 minutes.

## Mounting the Light

The Amaran Ace 25c offers versatile mounting options:

- **Amaran Ace Lock:** Attach the included Amaran Ace Lock to Cold Shoe Adapter to the bottom of the light. This allows for quick and secure mounting onto camera hot shoes or cold shoe mounts on rigs.
- **1/4"-20 Thread:** The light features a standard 1/4"-20 thread on the bottom, allowing direct attachment to tripods, light stands, or other accessories with a compatible screw.
- **Magnetic Fixation:** The back of the light is magnetic, enabling easy attachment to metal surfaces for creative lighting placements.



Figure 3: Demonstrates the magnetic fixation feature and the magnetic dome diffuser.

## OPERATING INSTRUCTIONS

### Power On/Off

Locate the power switch on the side of the unit. Slide the switch to the 'ON' position to power on the light. Slide it to the 'OFF' position to power off.

### On-Device Controls

The Amaran Ace 25c features a user-friendly color screen and a rotary knob for direct control:

- **Rotary Knob:** Rotate to adjust brightness (intensity), color temperature (CCT), or hue (HSI). Press to confirm selections or navigate menus.
- **Mode Button:** Cycle through different lighting modes such as CCT (Correlated Color Temperature), HSI (Hue, Saturation, Intensity), and RGB.
- **Shortcut Buttons:** Utilize custom shortcuts for quick recall of frequently used settings with a double click or long press.

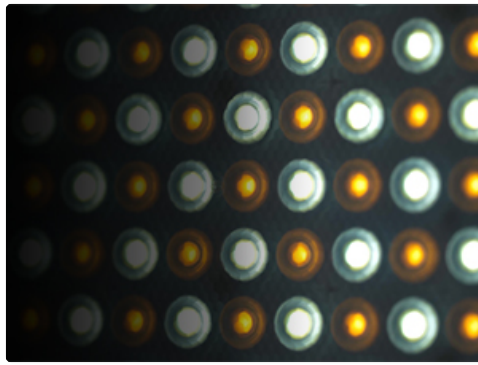


Figure 4: The light's display screen showing various settings and modes.

## Lighting Modes

- **CCT Mode:** Adjust color temperature from 2,300K to 10,000K for various white light tones.
- **HSI Mode:** Access full-color control to select any hue, saturation, and intensity.
- **RGB Mode:** Directly control Red, Green, and Blue values for precise color mixing.
- **Boost Mode:** Achieve up to 32W of powerful light output, delivering 5,908 lux at 0.5m (4,300K).

## Incredible Size To Brightness Ratio

Brighter and more accurate than other lights which are 3-4 times its size

# 32W



# 4,470

Lux @ 0.5m/1.64ft 5,600K Bare Light in Boost Mode



**CRI:95+**

Figure 5: Illustration of the light's brightness and color temperature range.



## App Control (Sidus Link / Amaran App)

For advanced control and seamless integration with other Amaran/Aputure lights, download the intuitive Amaran app (or Sidus Link app) from your device's app store. The app allows wireless control over all light functions, including modes, intensity, color, and special effects.



Figure 6: Remote control of the Amaran Ace 25c via the dedicated mobile application.

## Using the Dome Diffuser

The included Amaran Ace Dome Diffuser magnetically attaches to the front of the light. This diffuser softens the light output, creating a more pleasing and even illumination, ideal for close-up subjects or reducing harsh shadows.

## MAINTENANCE

### Cleaning

To clean the light, use a soft, dry cloth. Do not use harsh chemicals or abrasive materials, as they may damage the surface or optical components.

### Battery Care

The Amaran Ace 25c features a built-in 4500mAh Lithium Ion battery. To maximize battery life and performance:

- Avoid fully discharging the battery frequently.
- Store the light with a partial charge (around 50%) if not used for extended periods.
- The light can also serve as a reverse charging supply to power other devices in emergency situations via its USB-C port.

## Cooling System

The Amaran Ace 25c incorporates a super quiet cooling system, maintaining a maximum noise level of 28dB within 1m/3.28ft, even in high-temperature environments. Ensure the fan vents are not obstructed to allow for proper airflow.



Figure 7: Illustration of the internal cooling system for optimal performance.

## TROUBLESHOOTING

### Light Not Turning On

- Check if the battery is charged. Connect the light to a power source using the USB-C cable.
- Ensure the power switch is fully in the 'ON' position.

## App Connectivity Issues

- Ensure Bluetooth is enabled on your mobile device.
- Make sure the light is within Bluetooth range.
- Restart both the light and the app.
- Check for app updates in your device's app store.

## Overheating

- Ensure the cooling vents are not blocked.
- Reduce the brightness output if operating in a high-temperature environment for extended periods.

## SPECIFICATIONS

Feature	Specification
Brand	Amaran
Model Number	Gama_ACE_25c
Package Dimensions	6.34 x 4.17 x 3.5 inches
Item Weight	1.17 pounds
Batteries	1 Lithium Ion batteries required. (included)
Battery Life	70 minutes (Standard Mode)
Connectivity Technology	Bluetooth
Flash Modes Description	Constant illumination, adjustable brightness, adjustable color temperature
Manufacturer	Amaran
Date First Available	October 15, 2024

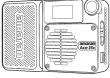
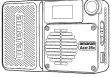

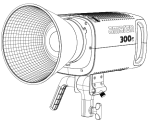

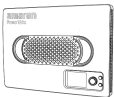
## WARRANTY AND SUPPORT

Amaran products typically come with a limited manufacturer's warranty. Please refer to the warranty card included with your product or visit the official Amaran website for detailed warranty terms and conditions.

For further assistance, technical support, or to download the full user manual in PDF format, please visit the [official Amaran support page](#) or consult the provided PDF document.

### Related Documents - Gama\_ACE\_25c



<p>amaran</p>  <p>amaran Ace 25c Product Manual</p>	<p><a href="#">amaran Ace 25c Portable On-Camera LED Light Product Manual</a></p> <p>Discover the amaran Ace 25c, a compact and versatile on-camera LED light for mobile creators. This manual covers features, operations, specifications, and safety instructions for the 32W adjustable color light with Ace Lock quick-release mount and magnetic pad.</p>
<p>amaran</p>  <p>amaran Ace 25c Product Manual</p>	<p><a href="#">Amaran Ace 25c Product Manual: Features, Operation, and Specifications</a></p> <p>This comprehensive product manual provides detailed information on the Amaran Ace 25c on-camera LED light, covering its features, components, operational procedures, technical specifications, and important safety guidelines.</p>
<p>amaran</p>  <p>amaran Verge Max Product Manual</p>	<p><a href="#">Amaran Verge Max Product Manual</a></p> <p>This manual provides instructions and specifications for the Amaran Verge Max LED panel, including setup, operation, features, and safety guidelines.</p>
<p>amaran by Aputure</p>  <p>amaran 300c Product Manual</p>	<p><a href="#">Aputure Amaran 300c Product Manual</a></p> <p>Comprehensive product manual for the Aputure Amaran 300c RGBWW COB light, detailing its features, safety instructions, installation, operations, manual control, app connectivity, and specifications.</p>
<p>amaran by Aputure</p>  <p>amaran 150c Product Manual</p>	<p><a href="#">Aputure Amaran 150c RGBWW COB LED Light Product Manual</a></p> <p>Comprehensive product manual for the Aputure Amaran 150c, a 150W RGBWW COB LED light. Covers installation, operation, safety precautions, specifications, photometrics, and Sidus Link APP control.</p>
<p>amaran</p>  <p>amaran Pano 120c Product Manual</p>	<p><a href="#">amaran Pano 120c Product Manual: Professional 120W Full-Color LED Panel Light</a></p> <p>Comprehensive user manual for the amaran Pano 120c, a 120W full-color LED panel light. Learn about setup, operations, features, specifications, and safety instructions for professional photography and videography.</p>

