

AIRAM 9410768

AIRAM Smart Home GU10 PAR16 RGB+CCT LED Bulb User Manual

Model: 9410768

[Introduction](#) [Safety](#) [Setup](#) [Operation](#) [Maintenance](#) [Troubleshooting](#) [Specifications](#)
[Warranty & Support](#)

1. INTRODUCTION

Thank you for choosing the AIRAM Smart Home GU10 PAR16 RGB+CCT LED Bulb. This smart LED lamp offers versatile lighting options, including full-color RGB and adjustable white color temperatures from warm (2700K) to cool (6500K). It is designed for general home lighting and can be controlled via the Airam SmartHome mobile application or through voice commands with compatible smart assistants.

This manual provides essential information for the safe installation, operation, and maintenance of your new smart bulb. Please read it thoroughly before use and retain it for future reference.



Figure 1.1: AIRAM Smart Home GU10 PAR16 LED bulb displaying a gradient of warm to cool white light.

2. SAFETY INFORMATION

Please observe the following safety precautions to prevent damage to the product or injury to yourself:

- Ensure the power is turned off at the main switch before installing or removing the bulb.
- This bulb is designed for indoor use only. Do not expose it to water or high humidity.
- Do not disassemble, modify, or attempt to repair the bulb. This will void the warranty.
- Use only in GU10 compatible fixtures.
- Avoid looking directly into the light source when it is illuminated, as this may cause eye strain.
- Keep out of reach of children.

3. SETUP

3.1. Physical Installation

1. Turn off the power to the light fixture at the main switch before installation.
2. Insert the AIRAM Smart Home GU10 LED bulb into a compatible GU10 socket.
3. Turn the power back on. The bulb should illuminate in its default setting.

3.2. App Download and Pairing

The AIRAM Smart Home bulb is controlled using the Airam SmartHome app. No separate access point or hub is required; the bulb connects directly to your home WiFi network.

1. **Download the App:** Download the free Airam SmartHome app from the [App Store](#) (for iOS) or [Google Play](#) (for Android). You can also scan the QR code on the product packaging or visit smartapp.tuya.com/iotairam.
2. **Register/Log In:** Open the app and follow the on-screen instructions to create an account or log in.
3. **Add Device:** Tap the "+" icon or "Add Device" button in the app.
4. **Enter Pairing Mode:** Turn the bulb on and off three times (on-off-on-off-on) until it starts flashing rapidly. This indicates it is in pairing mode.
5. **Connect to WiFi:** Select your home 2.4 GHz WiFi network and enter the password when prompted. The app will then search for and connect to the bulb.
6. **Rename Device:** Once connected, you can rename the bulb for easier identification (e.g., "Living Room Lamp").



Figure 3.1: Product packaging showing app download information.

3.3. Voice Control Integration

The AIRAM Smart Home bulb supports voice control with Google Assistant, Amazon Alexa, and Siri Shortcut.

- **For Google Assistant/Amazon Alexa:** Follow the instructions within the Google Home or Amazon Alexa app to link your Airam SmartHome account. Once linked, you can use voice commands like "Hey Google, turn on Living Room Lamp" or "Alexa, set Living Room Lamp to blue."
- **For Siri Shortcut:** Create custom shortcuts within the Airam SmartHome app or Apple's Shortcuts app to control your bulb with Siri commands.

4. OPERATION

Control your AIRAM Smart Home bulb using the Airam SmartHome app or compatible voice assistants.

4.1. Basic On/Off Control

You can switch the bulb on or off using the app or the physical light switch. When switched off and on again via the physical switch, the bulb will retain its last lighting setting.

4.2. Adjusting Color Temperature (CCT)

Within the Airam SmartHome app, navigate to the bulb's control interface. You can adjust the white light color temperature from a warm 2700K to a cool 6500K to suit your mood or activity.

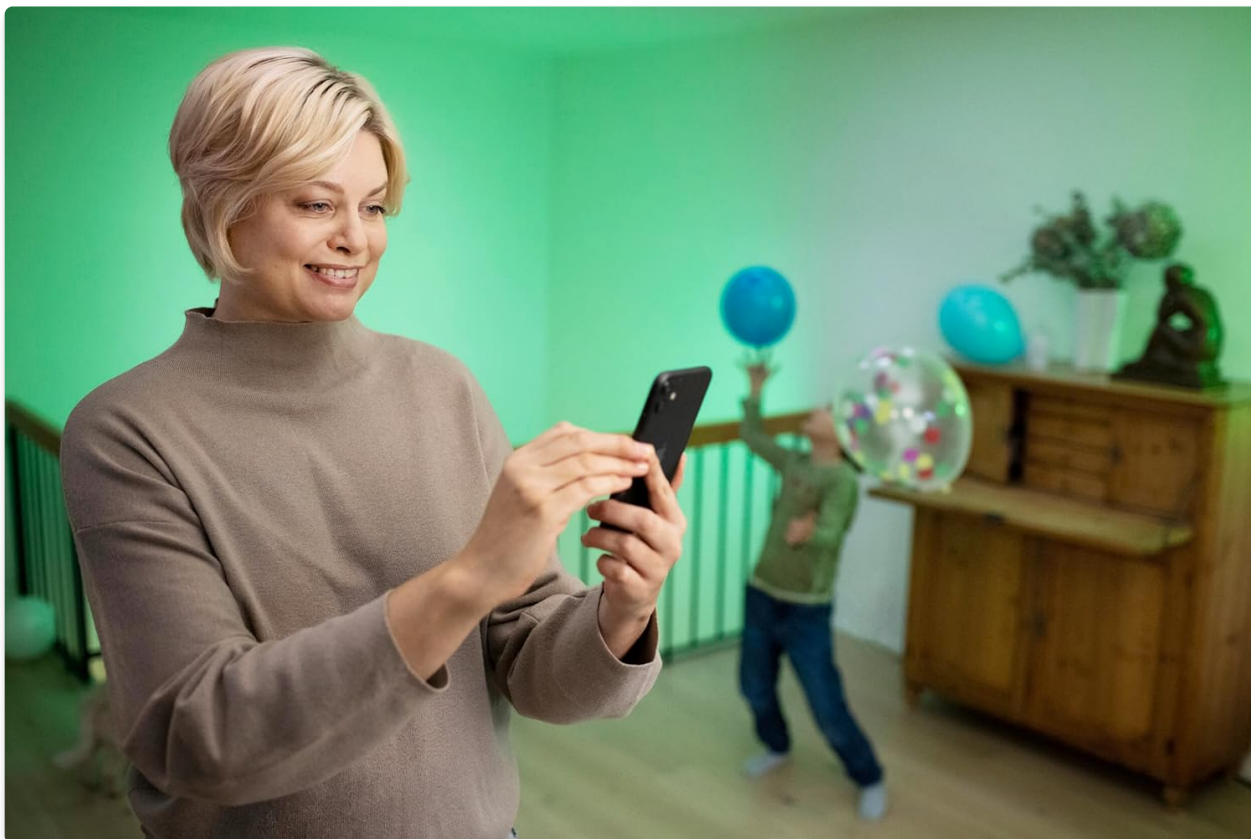


Figure 4.1: User controlling smart lighting via the mobile app.

4.3. Changing Colors (RGB)

The bulb features an RGB function, allowing you to select from a wide spectrum of colors. Use the color wheel or preset color options in the app to change the light color according to the mood or occasion.

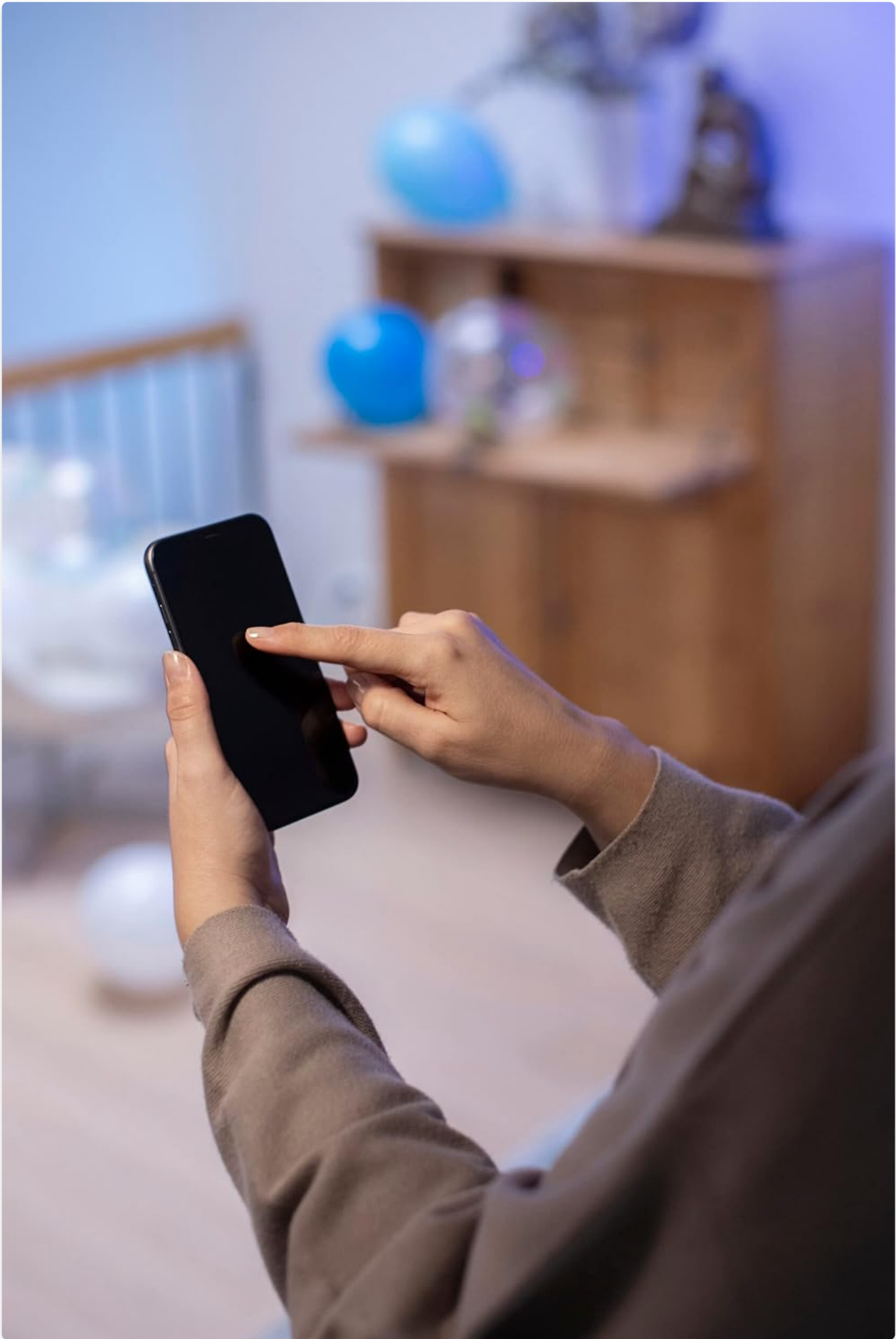


Figure 4.2: Close-up of app interface for color selection.

4.4. Scenes and Automation

The Airam SmartHome app allows you to create custom scenes (e.g., "Movie Night," "Reading") and set schedules or timers for your bulb to turn on/off or change settings automatically.

Your browser does not support the video tag.

Video 4.1: An overview of the AIRAM Smart Home lighting system in various home settings, demonstrating color and brightness adjustments for different activities and moods.

5. MAINTENANCE

The AIRAM Smart Home LED bulb requires minimal maintenance.

- **Cleaning:** Ensure the bulb is cool and the power is off before cleaning. Wipe the bulb with a soft, dry cloth. Do not use liquid or abrasive cleaners.
- **Storage:** If storing the bulb for an extended period, keep it in its original packaging in a cool, dry place.

6. TROUBLESHOOTING

If you encounter issues with your AIRAM Smart Home bulb, refer to the following common solutions:

Problem	Possible Cause	Solution
Bulb does not light up.	No power; improperly installed; bulb faulty.	Check power supply. Ensure bulb is securely screwed into the socket. Test with another bulb or fixture.
Bulb cannot connect to the app.	Incorrect WiFi password; not in pairing mode; 5GHz WiFi network.	Ensure correct 2.4 GHz WiFi password. Put bulb into pairing mode (on-off-on-off-on). Confirm your router is broadcasting a 2.4 GHz network.
Voice control not working.	Account not linked; incorrect commands.	Ensure your Airam SmartHome account is correctly linked in the Google Home/Alexa app. Use the exact device name configured in the app.
Bulb loses connection frequently.	Weak WiFi signal; network interference.	Move the bulb closer to the WiFi router or consider a WiFi extender. Reduce interference from other devices.

7. SPECIFICATIONS

Detailed technical specifications for the AIRAM Smart Home GU10 PAR16 LED Bulb:

- **Model Number:** 9410768
- **Brand:** AIRAM
- **Light Type:** LED
- **Bulb Shape Size:** PAR16
- **Bulb Base:** GU10
- **Wattage:** 4.7 Watts
- **Incandescent Equivalent:** 25 Watts
- **Lumen Output:** 345 lumens
- **Color Temperature (CCT):** 2700K - 6500K (Tunable White)
- **Color Function:** RGB (Full Color)

- **Beam Angle:** 36 Degrees
- **Color Rendering Index (CRI):** 80
- **Voltage:** 230 Volts (AC)
- **Connectivity:** WiFi (2.4 GHz)
- **Special Features:** Alexa, Google Assistant, Timer
- **Lifespan:** Up to 15,000 hours
- **Product Dimensions:** 5 x 5.4 x 5.4 cm
- **Weight:** 170 g
- **Energy Efficiency Rating:** F

Produktinformationsblad

KOMMISSIONENS DELEGERADE FÖRORDNING (EU) 2019/2015 vad gäller energimärkning av ljuskällor

Leverantörens namn eller varumärke: Airam

Leverantörens adress: Airam Electric Oy Ab, Sementitehtaankatu 6, FI-04260 Kerava, FI

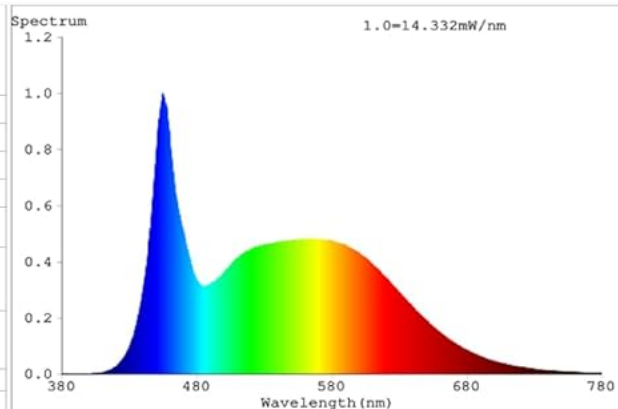
Modellbeteckning: 9410768

Typ av ljuskälla:

Belysningsteknik som används:	LED	Rundstrålande eller riktad:	DLS
Ljuskällans typ av sockel (eller annat elektriskt gränssnitt)	GU10		
Ljuskälla som ansluts till elnätet eller ljuskälla som inte ansluts till elnätet:	MLS	Uppkopplad ljuskälla (CLS):	Ja
Ljuskälla med valbar färg:	Ja	Hölje:	-
Ljuskälla med högluminans:	Nej		
Bländningsskydd:	Nej	Kan användas med dimmer:	Nej

Produktparametrar

Parameter	Värde	Parameter	Värde
Allmänna produktparametrar:			
Energianvändning i påläge (kWh/1000 h), avrundad uppåt till närmaste heltal	5	Energieffektivitetsklass	F
Användbart ljusflöde (Φ_{se}), med uppgift om huruvida det avser flödet i en sfär (360°), i en vid kon (120°) eller i en smal kon (90°)	345 i Smal kon (90°)	Korrelerad färgtemperatur, avrundad till närmaste 100 K, eller intervallet av korrelerade färgtemperaturer som kan ställas in, avrundat till närmaste 100 K.	2700...6500
Effekt i påläge (P_{on}), uttryckt i W	4,7	Effekt i standbyläge (P_{sb}), uttryckt i Watt och avrundad till två decimaler.	0,35
Effekt i nätverksanslutet standbyläge (P_{net}) för uppkopplad ljuskälla, uttryckt i Watt och avrundad till två decimaler.	0,50	Färgåtergivningsindex (CRI), avrundat till närmaste heltal, eller den skala med CRI-värden som kan ställas in.	81...89



Sida 1 / 4

Yttermått utan separat drivdon, reglerdon för belysning och icke-belysningsdelar, i förekommande fall (i mm).	Höjd	54	Spektral effektfördelning i intervallet 250 nm till 800 nm vid full last	Se bild på sista sidan.
	Bredd	50		
	Djup	50		
Påstående om ekvivalent effekt ^(a)	-	Om ja, ekvivalent effekt (W)	-	-
		Kromaticitetskoordinater (x och y)	0,313 0,337	
Parametrar för riktade ljuskällor:				
Största ljusstyrka (cd)	557	Strålvinkeln i grader, eller intervallet av strålvinklar som kan ställas in	36	
Parametrar för LED- och OLED-ljuskällor:				
R9-värde för färgåtergivningsindex	1	Livsängsfaktor	0,93	
Ljusflödesförhållande	0,93			
Parametrar för LED- och OLED-ljuskällor som ansluts till elnätet:				
Fasfaktor (cos ϕ_1)	0,91	Konsekvent färgåtergivning i McAdam-ellipser	6	
Påstående om att en LED-ljuskälla ersätter en fluorescerande ljuskälla utan inbyggt förkopplingsdon med viss effekt.	„(b)“	Om ja, påstådd ersatt effekt (W)	-	
Flimmermått (Pst LM)	1,0	Mått på stroboskopisk effekt (SVM)	0,9	

(a)-, -; ej tillämpligt.

(b)-, -; ej tillämpligt.

Modell utsläppt på unionsmarknaden från 29/07/2022



EPREL-registreringsnummer: 1187007

<https://eprel.ec.europa.eu/qv/1187007>

Leverantör: Airam Electric Oy Ab (Tillverkare)

Webbplats:

Kundsupport:

Namn: Airam Electric Oy Ab

Webbplats: www.airam.fi

E-postadress: asiakaspalvelu@airam.fi

Telefon: +358 207 545 617

Adress:
Sementitehtaankatu 6
FI-04260 Kerava
Finland

Figure 7.1: EU Energy Efficiency Label. For more details, scan the QR code or visit the [EPREL database](https://eprel.ec.europa.eu).

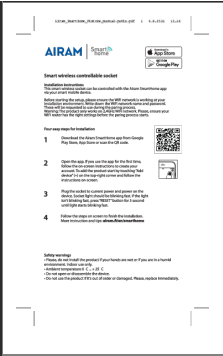
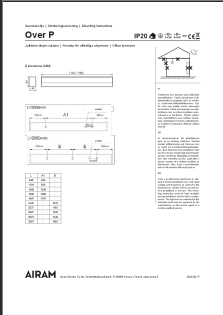

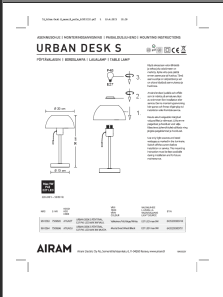

8. WARRANTY AND SUPPORT

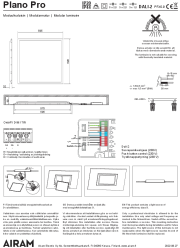
AIRAM products are manufactured to high-quality standards. This product comes with a manufacturer's warranty against defects in materials and workmanship. Please refer to the product packaging or the official AIRAM website for specific warranty terms and conditions.

For technical support, troubleshooting assistance, or warranty claims, please contact AIRAM customer service through their official channels. You can find contact information on the AIRAM website or through your retailer.

© 2023 AIRAM. All rights reserved.

Related Documents - 9410768

	<p>Airam Smart Wireless Controllable Socket - Installation Guide</p> <p>Step-by-step instructions for installing and setting up the Airam Smart wireless controllable socket using the Airam SmartHome mobile app. Learn how to connect to your 2.4GHz WiFi network and follow essential safety precautions.</p>
	<p>Airam Over P Office Luminaire - Installation and Mounting Instructions</p> <p>Comprehensive installation and mounting guide for the Airam Over P office luminaire. This document provides detailed steps, dimensions, wiring diagrams (Standard and DALI), and safety information for professional electricians. Features IP20 protection and DALI compatibility.</p>
	<p>Airam WIFI Smart Water Leakage Alarm: Installation, Operation, and Recycling Guide</p> <p>Comprehensive guide for the Airam WIFI Smart Water Leakage Alarm, covering installation, setup via the SmartHome app, operation, battery replacement, and responsible recycling. Includes technical specifications.</p>
	<p>Airam Urban Desk S LED Table Lamp Mounting Instructions</p> <p>Mounting instructions and specifications for the Airam Urban Desk S LED table lamp. Details include dimensions (shade Ø 20 cm, height 36 cm, base Ø 13 cm), required bulb type (Max 9W P45 E27 LED), and electrical specifications (220-240V ~ 50/60 Hz). Features product codes, GTINs, and available colours (White, Black). Includes safety guidelines for installation and maintenance.</p>
	<p>Airam WiFi Smart Smoke Alarm Operating Instructions</p> <p>Comprehensive operating instructions for the Airam WiFi Smart Smoke Alarm, covering technical specifications, installation, maintenance, troubleshooting, and safety guidelines.</p>



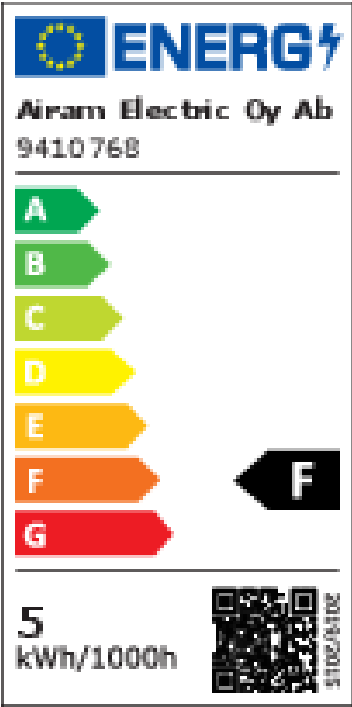
Plano Pro
Modular Luminaire Installation Guide

Installation instructions for the Airam Plano Pro modular luminaire, covering wiring, mounting, and safety precautions. Suitable for professional electricians.

[Plano Pro Modular Luminaire Installation Guide](#)

Installation instructions for the Airam Plano Pro modular luminaire, covering wiring, mounting, and safety precautions. Suitable for professional electricians.

Documents - AIRAM – 9410768

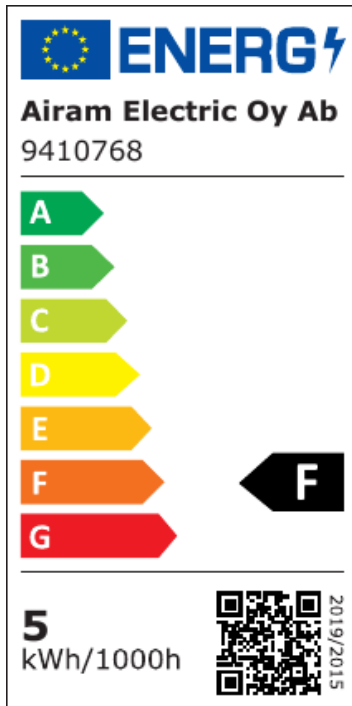


[\[pdf\]](#) Catalog Label

Label 1187007 big color Download Smart PAR16 827 865 RGB GU10 2BX à Airam fi 67 9410768
6435200289612 prod airam lamia tech media catalog |||

Airam Electric Oy Ab **9410768** 5 ...

lang: **score:35** filesize: 297.01 K page_count: 1 document date: 2022-03-07



[\[pdf\]](#) Label

Label 1187007 big color Airam Electric Oy Ab 9410768Page 1 9410768 5ASSET 28539736docs

keskofiles f btt ASSET 28539736 |||

Airam Electric Oy Ab **9410768** 5 ...

lang: **score:35** filesize: 297.01 K page_count: 1 document date: 2022-03-07