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Arcchio 9928024

Arcchio LED Ceiling Light 'Ranka' (Model 9928024) Instruction Manual

Model: 9928024

1. Introduction

The Arcchio Ranka LED ceiling light is designed for modern interiors, offering efficient and glare-free illumination. Its integrated LED module provides a high Color Rendering Index (CRI > 90), making it suitable for both residential and commercial environments. This manual provides essential information for the safe installation, operation, and maintenance of your Arcchio Ranka LED Ceiling Light.

2. Safety Information

Please read these safety instructions carefully before installation and use. Keep this manual for future reference.

- **Electrical Safety:** Installation must be performed by a qualified electrician in accordance with local wiring regulations. Always disconnect the main power supply before installation, maintenance, or cleaning.
- **Voltage:** Ensure the supply voltage matches the voltage specified on the product label (230V).
- **Environment:** This product is rated IP20 and is intended for indoor use only. Do not expose to water or high humidity.
- **Handling:** Handle the light fixture with care to avoid damage. Do not modify the product in any way.
- **Heat:** The LED module may become warm during operation. Do not touch the light source directly when it is on.

3. Package Contents

Verify that all components are present and undamaged:

- 1 x Arcchio Ranka LED Ceiling Light (Model 9928024)
- Mounting hardware (screws, wall plugs)
- Instruction Manual

4. Setup and Installation

Follow these steps for proper installation. If you are unsure, consult a qualified electrician.

1. **Disconnect Power:** Before starting, ensure the main power supply to the installation area is switched off at the circuit breaker.
2. **Prepare Mounting Surface:** Mark the drilling points on the ceiling for the mounting plate. Drill holes and insert wall plugs if necessary.
3. **Attach Mounting Plate:** Secure the mounting plate to the ceiling using the provided screws.
4. **Wiring Connections:** Connect the electrical wires from the ceiling to the terminal block inside the light fixture. Ensure correct polarity: Live (L), Neutral (N), and Earth (#). Double-check all connections for security.



Image: Internal wiring and mounting plate of the Arcchio Ranka LED Ceiling Light, showing terminal connections.

5. **Attach Light Fixture:** Carefully align the light fixture with the mounting plate and secure it. Ensure it is firmly attached.
6. **Restore Power:** Once installation is complete, restore power at the circuit breaker and test the light.



Image: The Arcchio Ranka LED Ceiling Light installed and illuminated in a modern room setting.

5. Operating Instructions

The Arcchio Ranka LED Ceiling Light is designed for simple operation via a standard wall switch. There are no additional controls on the fixture itself.

- **To Turn On:** Flip the connected wall switch to the 'ON' position.
- **To Turn Off:** Flip the connected wall switch to the 'OFF' position.



Image: The Arcchio Ranka LED Ceiling Light illuminated, showcasing its light output.

6. Maintenance

Regular cleaning will help maintain the appearance and performance of your light fixture.

- **Cleaning:** Ensure the power supply is disconnected before cleaning. Use a soft, dry, or slightly damp cloth to wipe the surface of the fixture. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish.
- **LED Module:** The LED module is integrated and not user-replaceable. Do not attempt to open or modify the LED component.

7. Troubleshooting

If you encounter issues with your Arcchio Ranka LED Ceiling Light, refer to the following common problems and solutions:

- **Light does not turn on:**
  - Check if the main power supply to the fixture is on.
  - Verify that the wall switch is in the 'ON' position.
  - Inspect the wiring connections to ensure they are secure and correctly installed (refer to Section 4).
  - Check the circuit breaker for the room; it might have tripped.
- **Light is flickering:**
  - Ensure the power supply is stable.
  - Check for loose wiring connections.
  - If the issue persists, consult a qualified electrician.
- **Reduced light output:**
  - Clean the surface of the light fixture (refer to Section 6).

If these steps do not resolve the issue, please contact customer support or a qualified electrician.

8. Specifications

Brand	Arcchio
Model Number	9928024
Dimensions (Diameter x Height)	12 x 4.9 cm
Weight	500 g
Material	Aluminum / Zinc
Color	White
Light Source	1 x 14 W LED (integrated)
Luminous Flux	990 Lumen
Voltage	230 V
IP Rating	IP20
Protection Class	I
Energy Efficiency Class (EU 2019/2015)	E
Color Rendering Index (CRI)	> 90
Control Method	Push button (via standard wall switch)
Installation Type	Ceiling mounting

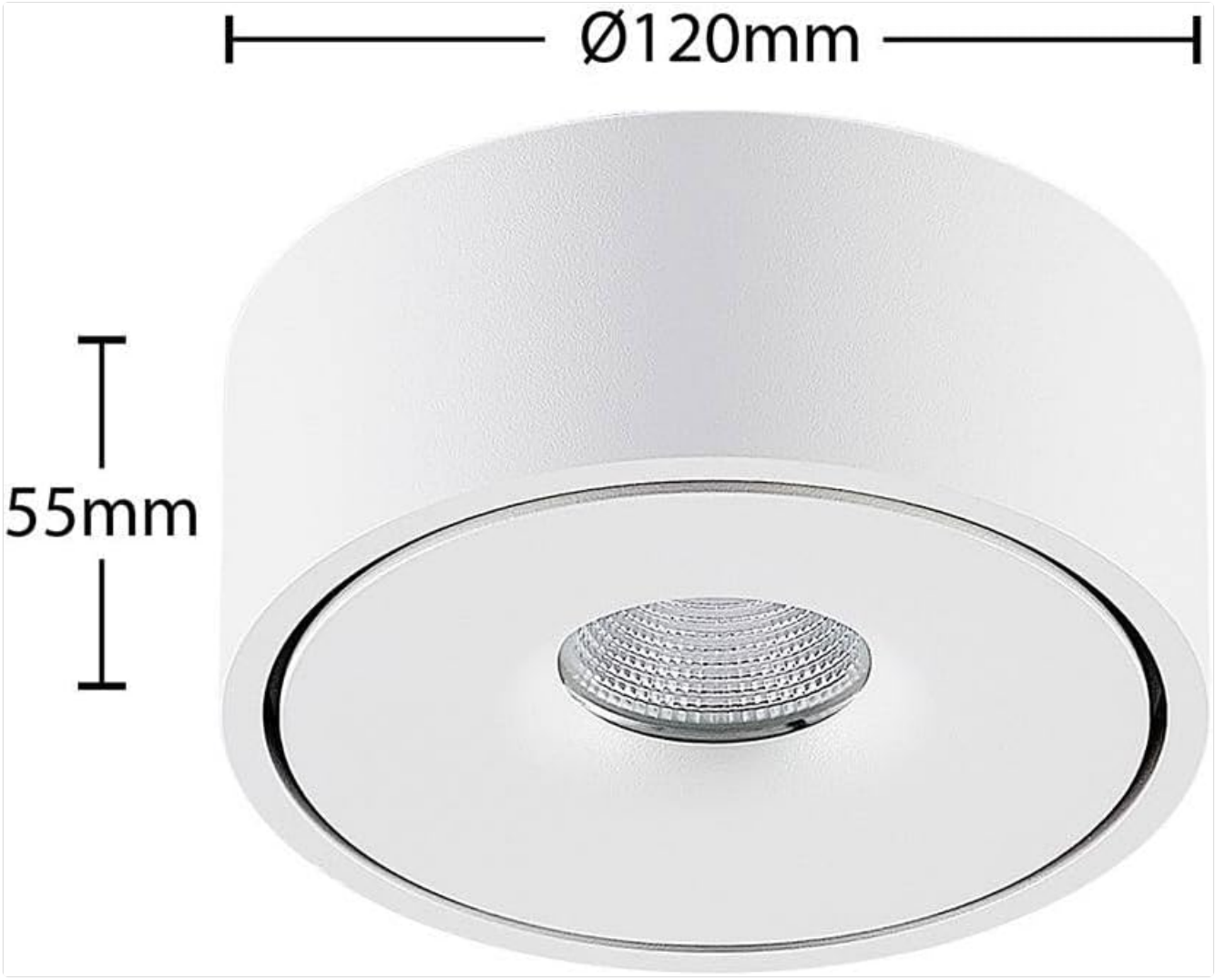
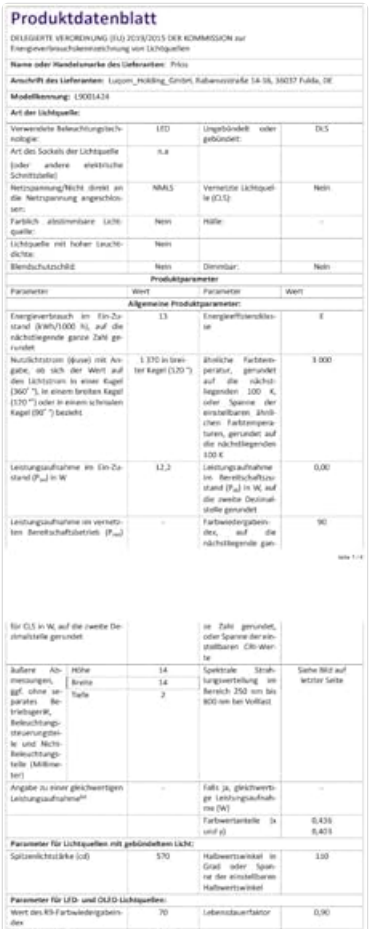


Image: Technical drawing showing the dimensions (120mm diameter, 55mm height) of the Arcchio Ranka LED Ceiling Light.



Produktdatenblatt

DELEGIERTE VERORDNUNG (EU) 2019/2015 DER KOMMISSION zur Energieverbrauchskennzeichnung von Lichtquellen

Name oder Handelsmarke des Lieferanten: Prios

Anschrift des Lieferanten: Lupom_Holding_GmbH, Rabanusstraße 14-16, 36037 Fulda, DE

Modellkennung: L9001424

Art der Lichtquelle:

Verwendete Beleuchtungstechnologie:	LED	Ungebündelt oder gebündelt:	DLS
Art des Sockels der Lichtquelle (oder andere elektrische Schnittstelle)	n.a		
Netzspannung/Nicht direkt an die Netzspannung angeschlossen:	NMLS	Vernetzte Lichtquelle (CLS):	Nein
Farblich abstimmbare Lichtquelle:	Nein	Hülle:	-
Lichtquelle mit hoher Leuchtdichte:	Nein		
Blendschutzschild:	Nein	Dimmbar:	Nein

Produktparameter

Parameter	Wert	Parameter	Wert
Allgemeine Produktparameter:			
Energieverbrauch im Ein-Zustand (kWh/1000 h), auf die nächstliegende ganze Zahl gerundet	13	Energieeffizienzklasse	E
Nutzlichtstrom (Øuse) mit Angabe, ob sich der Wert auf den Lichtstrom in einer Kugel (360 °), in einem breiten Kegel (120 °) oder in einem schmalen Kegel (90 °) bezieht	1 370 in breiter Kegel (120 °)	ähnliche Farbtemperatur, gerundet auf die nächstliegenden 100 K, oder Spanne der einstellbaren ähnlichen Farbtemperaturen, gerundet auf die nächstliegenden 100 K	3 000
Leistungsaufnahme im Ein-Zustand (P_{on}) in W	12,2	Leistungsaufnahme im Bereitschaftszustand (P_{sb}) in W, auf die zweite Dezimalstelle gerundet	0,00
Leistungsaufnahme im vernetzten Bereitschaftszustand (P_{net})	-	Farbwiedergabeindex, auf die nächstliegende ganze Zahl gerundet, oder Spanne der einstellbaren CRI-Werte	90
für CLS in W, auf die zweite Dezimalstelle gerundet			
äußere Abmessungen, ggf. ohne separates Betriebsgerät, Beleuchtungssteuerungsteile und Nicht-Beleuchtungsteile (Millimeter) – Höhe	14	Spektrale Strahlungsverteilung im Bereich 250 nm bis 800 nm bei Vollast	Siehe Bild auf letzter Seite
äußere Abmessungen, ggf. ohne separates Betriebsgerät, Beleuchtungssteuerungsteile und Nicht-Beleuchtungsteile (Millimeter) – Breite	14		
äußere Abmessungen, ggf. ohne separates Betriebsgerät, Beleuchtungssteuerungsteile und Nicht-Beleuchtungsteile (Millimeter) – Tiefe	2		
Angabe zu einer gleichwertigen Leistungsaufnahme[a]	-	Falls ja, gleichwertige Leistungsaufnahme (W)	-
		Farbwertanteile (x und y)	0,436 0,403
Parameter für Lichtquellen mit gebündeltem Licht:			
Spitzenlichtstärke (cd)	570	Halbwertswinkel in Grad oder Spanne der einstellbaren Halbwertswinkel	110
Parameter für LFD- und OLED-Lichtquellen:			
Wert des R9-Farbwiedergabeindex	70	Lebensdauerfaktor	0,90

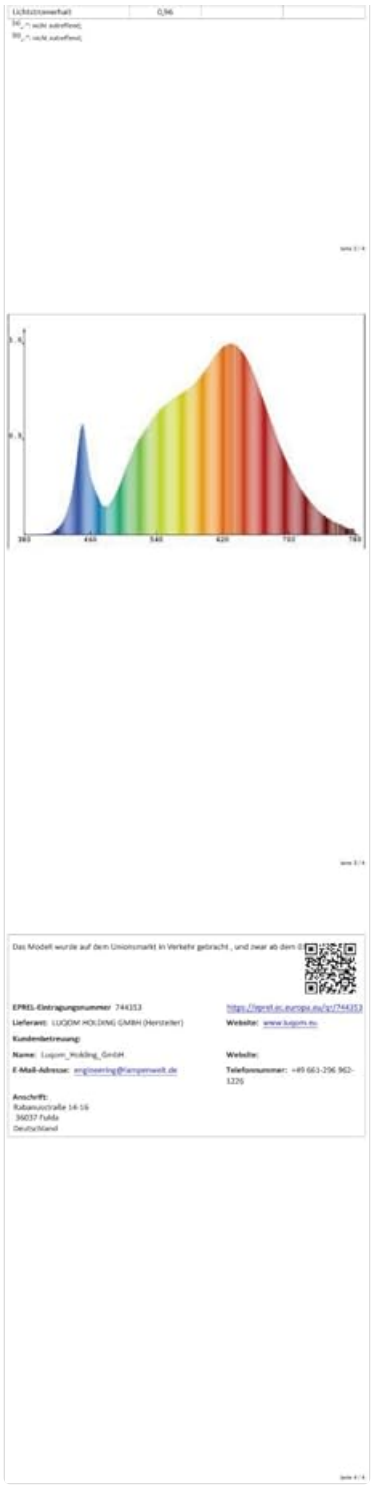


Image: Detailed product data sheet (in German) for the Arcchio Ranka LED Ceiling Light, containing comprehensive technical specifications.

For the official EU energy label, please visit:https://eprel.ec.europa.eu/qr/744353

9. Warranty and Support

For warranty information, technical support, or replacement parts, please contact your retailer or visit the official Arcchio website. Keep your proof of purchase for warranty claims.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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