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Adviti AD-OP-6204GLPMR4

ADVITI FRENIT Modern Outdoor Light Instruction Manual

Model: AD-OP-6204GLPMR4

1. INTRODUCTION

Thank you for choosing the ADVITI FRENIT Modern Outdoor Light. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new outdoor lighting fixture. The ADVITI FRENIT is a modern, energy-efficient outdoor luminaire designed to provide reliable illumination with integrated motion sensing and dimming capabilities. Its robust IP65 rating ensures durability in various outdoor conditions.



Figure 1: Front view of the ADVITI FRENIT Modern Outdoor Light.

2. SAFETY INFORMATION

Please read all safety instructions carefully before installation and use. Failure to follow these instructions may result in electric shock, fire, or other hazards.

- **Electrical Safety:** Installation must be performed by a qualified electrician in accordance with all local and national electrical codes. Ensure the power supply is disconnected at the circuit breaker before any installation, maintenance, or repair work.
- **Outdoor Use:** This product is designed for outdoor use and has an IP65 rating, indicating protection against dust and low-pressure water jets. However, ensure all connections are properly sealed and protected from direct water ingress during installation.
- **Handling:** Do not drop or subject the fixture to severe impact. Inspect the fixture for any damage before installation.
- **Light Source:** The light source is an integrated SMD LED. Do not attempt to replace the LEDs yourself. Contact qualified personnel for service.
- **Operating Temperature:** Ensure the operating environment is within suitable temperature ranges for electronic devices.

3. SETUP AND INSTALLATION

The ADVITI FRENIT light is designed for wall mounting. Follow these steps for proper installation:

1. **Preparation:** Disconnect power at the main circuit breaker. Choose a suitable mounting location on a solid surface, ensuring it is within reach of the power supply (230V~, 50Hz).
2. **Mounting the Bracket:** The fixture's backplate serves as the mounting bracket. Mark the drilling points on the wall using the backplate as a template. Drill holes and insert appropriate wall plugs (not supplied).

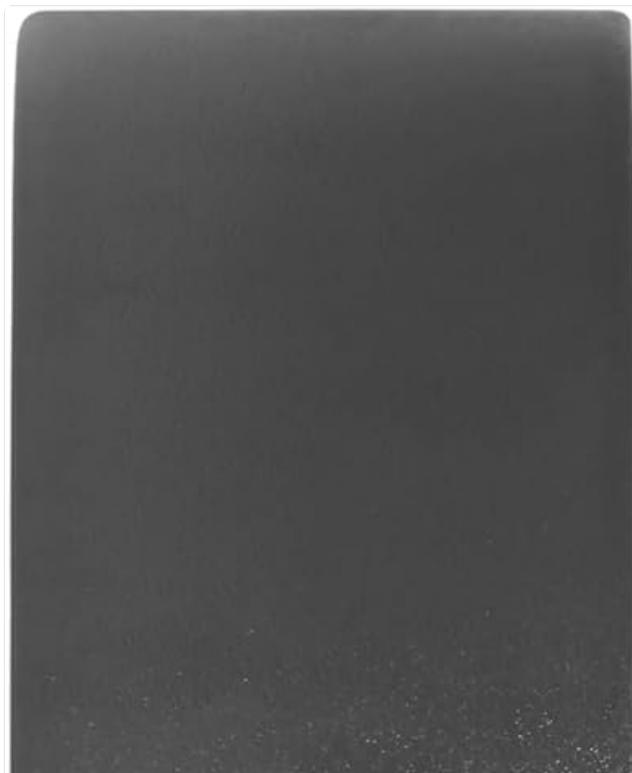




Figure 2: Rear view of the light fixture, indicating mounting points.

3. **Wiring:** Connect the electrical wires from your power supply to the terminals on the fixture's backplate. Ensure correct polarity (Live, Neutral, Earth) and secure all connections. Use appropriate waterproof connectors for outdoor wiring.
4. **Securing the Fixture:** Align the fixture with the mounted backplate and secure it using the provided screws. Ensure a tight seal to maintain the IP65 rating.

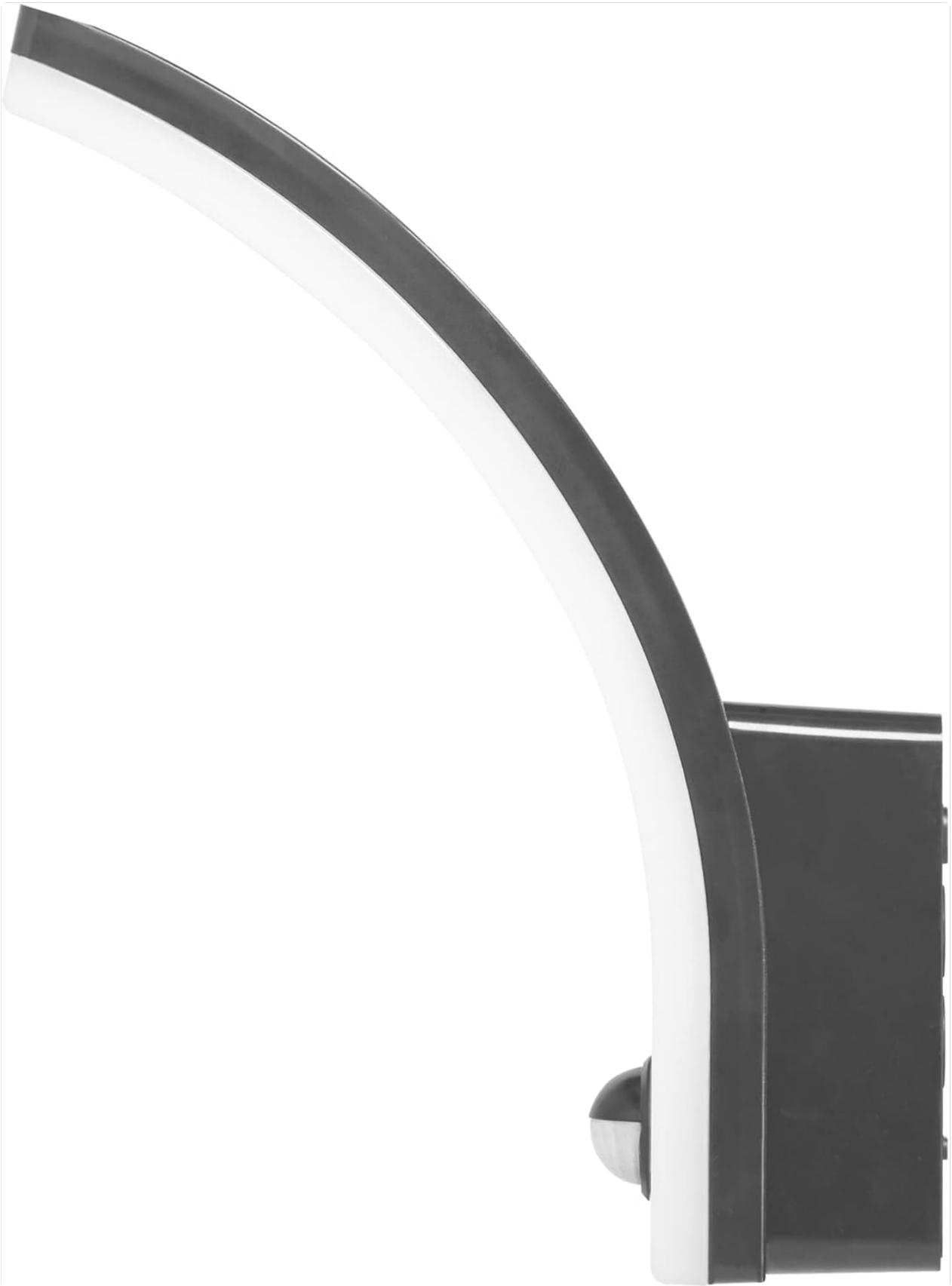


Figure 3: Side profile of the light, illustrating its mounted position.

5. **Power On:** Once installation is complete and all connections are secure, restore power at the circuit breaker.

4. OPERATING INSTRUCTIONS

The ADVITI FRENIT light features an integrated motion sensor and dimming function. Adjustments are made via controls located on the top of the unit.

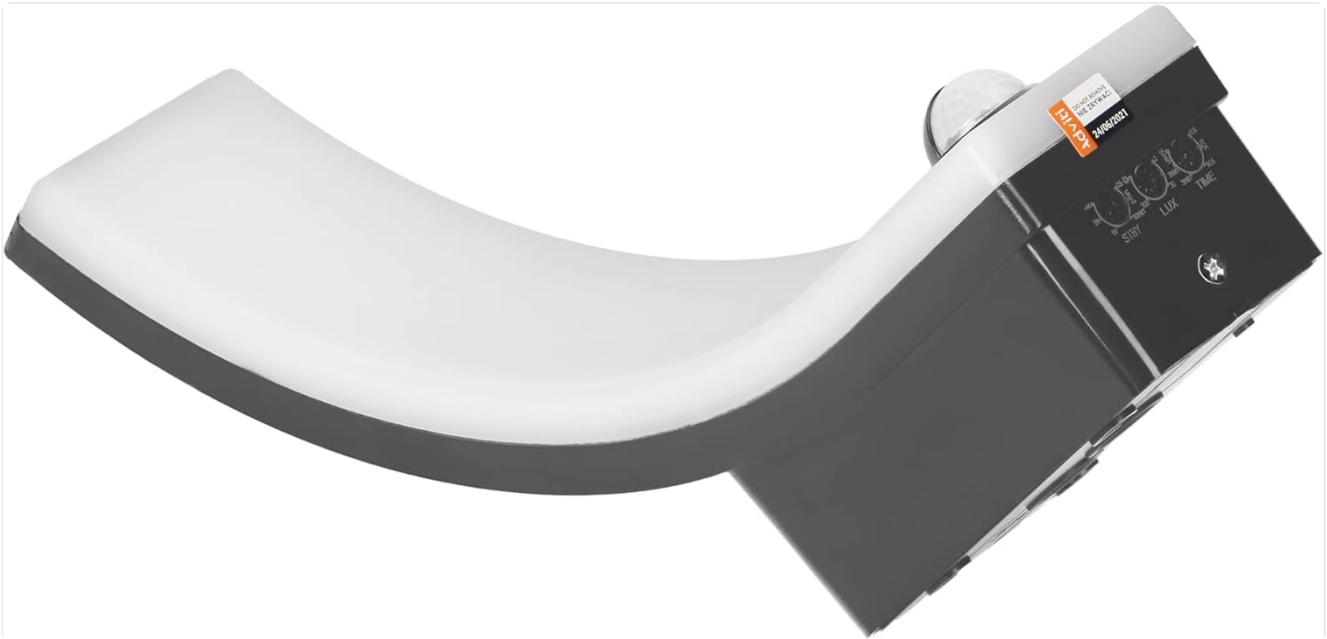


Figure 4: Top view showing the adjustment dials for sensor settings.

- **Motion Sensor (PIR):** The light is equipped with a Passive Infrared (PIR) sensor that detects movement within its detection field (up to 9 meters, 140° viewing angle). The light will activate when motion is detected.
- **LUX Setting:** This dial (labeled "LUX") controls the ambient light level at which the motion sensor becomes active.
 - Turn towards ☀ (sun icon) for the sensor to activate in brighter conditions (daylight).
 - Turn towards 🌙 (moon icon) for the sensor to activate only in darker conditions (night).
 - Adjustment range: <3 - 2000 lux.
- **TIME Setting:** This dial (labeled "TIME") adjusts how long the light remains on after motion is detected and no further motion is sensed.
 - Minimum setting: 10 seconds ± 3 seconds.
 - Maximum setting: 5 minutes ± 1 minute.
- **SENS Setting:** The product specifications indicate "SENS detection adjustment range: no". This implies the sensitivity of the motion sensor is fixed and not adjustable via a dial.
- **Dimming Function:** The product description mentions a "dimming function". This typically refers to the light's ability to operate at a lower intensity when no motion is detected, or to gradually dim after the set TIME period. Specific controls for this function are not detailed in the provided information, suggesting it might be an automatic feature or integrated with the sensor logic.

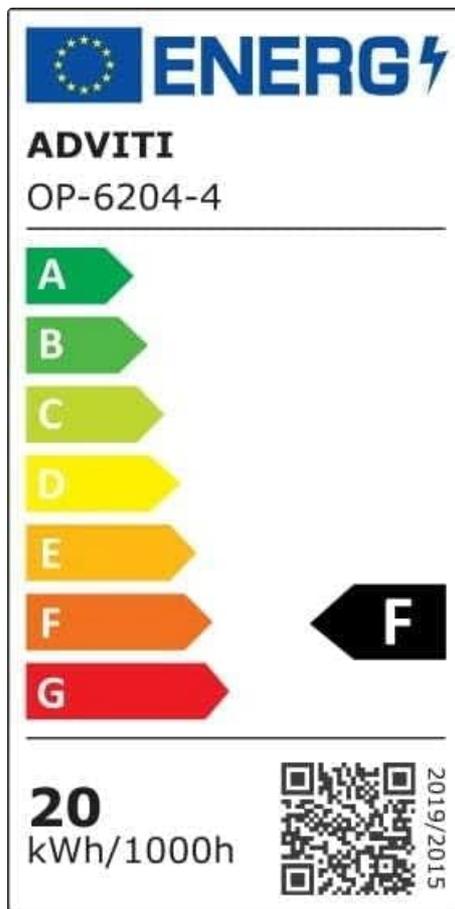


Figure 5: Detail of the integrated motion sensor.

5. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your ADVITI FRENIT light.

- **Cleaning:** Disconnect power before cleaning. Use a soft, damp cloth to wipe the exterior of the fixture. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the finish or polycarbonate diffuser.
- **Inspection:** Periodically inspect the fixture for any signs of damage, loose connections, or wear. Ensure the mounting remains secure.
- **LEDs:** The integrated SMD LEDs are designed for a long lifespan (50,000 hours). They are not user-replaceable.

6. TROUBLESHOOTING

If you encounter issues with your ADVITI FRENIT light, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
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Problem	Possible Cause	Solution
Light does not turn on.	No power supply; incorrect wiring; LUX setting too high (daylight); sensor malfunction.	Check circuit breaker and wiring connections. Adjust LUX setting towards the moon icon. Test sensor by moving in front of it.
Light stays on continuously.	Constant motion detected; TIME setting too long; sensor malfunction.	Ensure no continuous motion in detection area. Adjust TIME setting to a shorter duration.
Light turns on during the day.	LUX setting too low (towards moon icon).	Adjust LUX setting towards the sun icon to require more darkness for activation.
Detection range is poor.	Obstructions; sensor dirty; incorrect mounting height.	Clear obstructions. Clean sensor lens. Ensure mounting height is appropriate for optimal detection.

If the problem persists after trying these steps, contact a qualified electrician or the product supplier for assistance.

7. SPECIFICATIONS

Detailed technical specifications for the ADVITI FRENIT Modern Outdoor Light:

- **Model:** AD-OP-6204GLPMR4
- **Power:** 20 W
- **Supply Voltage:** 230 V~, 50 Hz
- **Light Source:** Integrated SMD LED light sources
- **Luminous Flux:** 1800 lm
- **Color Temperature:** 4000K (Neutral White)
- **Color Rendering Index (Ra/CRI):** ≥85
- **Degree of Protection (IP):** IP65 (Dust tight and protected against low-pressure water jets from any direction)
- **Impact Protection (IK):** IK10
- **Sensor Type:** PIR (Passive Infrared)
- **Detection Range:** Max. 9 m
- **Viewing Angle:** 140°
- **LUX Sensor Adjustment Range:** <3 - 2000 lux
- **Timer Adjustment Range:** Min: 10 sec. ± 3 sec., Max: 5 min. ± 1 min.
- **Dimensions (W x H x D):** 250 mm x 188 mm x 66 mm (25 x 18.8 x 6.6 cm)
- **Weight:** 531 g
- **Screen Material:** PC (Polycarbonate)
- **Housing Material:** Aluminum
- **Lifespan:** 50,000 hours





Figure 6: Front view of the ADVITI FRENIT light.

Produktdatenblatt			
DELEGIERTE VERORDNUNG (EU) 2019/2015 DER KOMMISSION zur Energieverbrauchskennzeichnung von Lichtquellen			
Name oder Handelsmarke des Lieferanten: ADVITI			
Anschrift des Lieferanten: ORNO-LOGISTIC Sp. z o.o., Rołników 437, 44-141 Gliwice, PL			
Modellkennung: OP-6204-4			
Art der Lichtquelle:			
Verwendete Beleuchtungstechnologie:	LED	Ungebündelt oder gebündelt:	DLS
Art des Sockels der Lichtquelle (oder andere elektrische Schnittstelle)	Inne stütze		
Netzspannung/Nicht direkt an die Netzspannung angeschlossen:	MLS	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	20	Energieeffizienzklasse	F
Nutzlichtstrom (φuse) 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	2 000 in breiter Kegel (120°)	Ähnliche Farbtemperatur, gerundet auf die nächstliegenden 100 K, oder Spanne der einstellbaren ähnlichen Farbtemperaturen, gerundet auf die nächstliegenden 100 K	4 000
Leistungsaufnahme im Ein-Zustand (P _{in}) in W	20,0	Leistungsaufnahme im Bereitschaftszustand (P _{in}) in W, auf die zweite Dezimalstelle gerundet	0,00
Leistungsaufnahme im vernetzten Bereitschaftsbetrieb (P _{in})	-	Farbwiedergabeindex, auf die nächstliegende ganze Zahl gerundet, oder Spanne der einstellbaren CRI-Werte	80
Seite 1 / 3			
äußere Abmessungen, ggf. ohne separates Betriebsgerät, Beleuchtungssteuerungsteile und Nische-Beleuchtungsteile (Millimeter)		Höhe: 188 Breite: 250 Tiefe: 66	Spektrale Strahlungsverteilung im Bereich 250 nm bis 800 nm bei Vollast
Angabe zu einer gleichwertigen Leistungsaufnahme ^(a)		-	Falls ja, gleichwertige Leistungsaufnahme (W)
		-	Farbwertanteile (x und y)
		-	0,385 0,379
Parameter für Lichtquellen mit gebündeltem Licht:			
Spitzenlichtstärke (cd)	532	Halbwertswinkel in Grad oder Spanne der einstellbaren Halbwertswinkel	120
Parameter für LED- und OLED-Lichtquellen:			
Wert des R9-Farbwiedergabeindex	17	Lebensdauerfaktor	0,90
Lichtstromerhalt:	0,97		
Parameter für LED- und OLED-Netzspannungslichtquellen:			
Verschiebungsfaktor (cos φ1)	0,70	Farbkonsistenz in MacAdam-Ellipsen	6
Angabe, dass eine LED-Lichtquelle eine Leuchtstofflichtquelle ohne eingebautes Vorschaltgerät mit einer bestimmten Leistungsaufnahme ersetzt.	„Ja“	Falls ja, Angabe zur ersetzten Leistungsaufnahme (W)	-
Flimmer-Messgröße (Pst LM)	0,0	Messgröße für Stroboskop-Effekte (SVM)	0,0

(a) „-“: nicht zutreffend;
(b) „-“: nicht zutreffend.

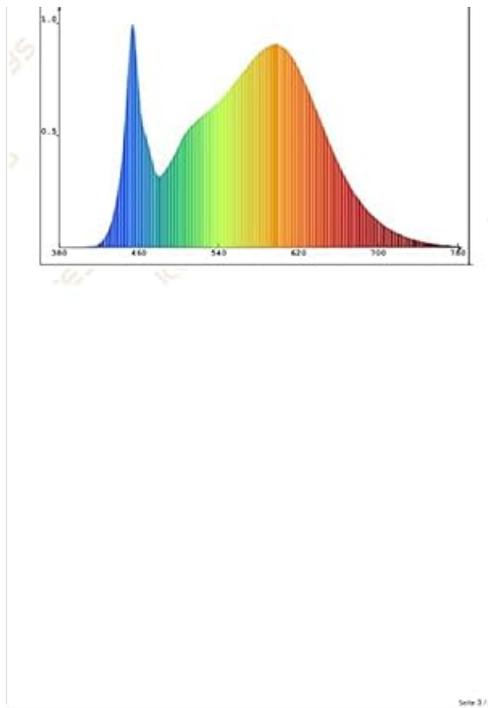


Figure 7: Energy efficiency label (Class F). For more details, visit [EPREL Database](#).



Figure 8: Product packaging highlighting key features like 50,000h lifespan, IK10 impact protection, max 9m motion sensor range, and 140° detection angle.

8. WARRANTY AND SUPPORT

For warranty information, please refer to the terms and conditions provided by your retailer or contact Adviti directly. Keep your proof of purchase for any warranty claims.

For technical support or further assistance, please contact the customer service department of your point of purchase or visit the official Adviti website.

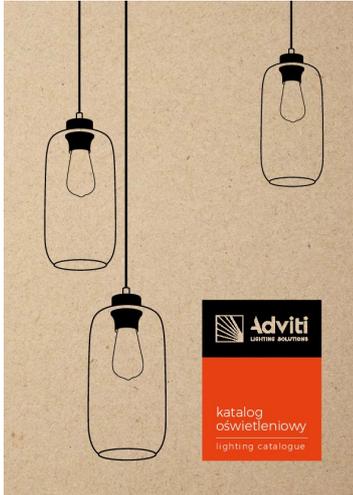
Related Documents - AD-OP-6204GLPMR4

	<p>Adviti PIRYT LED Garden Luminaire Operating Instructions</p> <p>This document provides operating instructions, safety guidelines, technical specifications, and maintenance information for the Adviti PIRYT LED garden luminaire. It covers installation, intended use, and safety precautions in multiple languages.</p>
	<p>A&D AD-4406 Weighing Indicator Instruction Manual</p> <p>Comprehensive instruction manual for the A&D AD-4406 Weighing Indicator, covering installation, features, calibration, functions, and interface specifications.</p>
	<p>Adviti TOS LED Floodlight Operating Instructions and Technical Specifications</p> <p>Detailed operating instructions, safety guidelines, installation procedures, and technical data for the Adviti TOS LED Floodlight, model AD-NL-6148BL4 and AD-NL-6148WL4.</p>
	<p>KEYENCE IG Series: Multi-Purpose CCD Laser Micrometer Sensor - Features, Specifications, and Applications</p> <p>Explore the KEYENCE IG Series, a versatile multi-purpose CCD laser micrometre offering high-accuracy measurements, stability, and ease of use. Details on features, application modes, technical specifications, and dimensions for industrial automation.</p>
	<p>Adviti NORTES LED Mirror Light AD-OM-6120L4 - Operating Instructions</p> <p>Comprehensive operating instructions, safety guidelines, installation guide, and technical specifications for the Adviti NORTES LED Mirror Light (Model: AD-OM-6120L4). Features 5W power, 320lm luminous flux, 4000K neutral white light, IP44 protection, and plastic construction.</p>

[Openpath Single Door Controller Installation Guide](#)

This guide provides comprehensive instructions for installing and configuring the Openpath Single Door Controller (SDC). It covers essential steps such as site surveys, network and power requirements, mounting, wiring, provisioning procedures using the Open Admin app, troubleshooting common issues, and regulatory compliance information.

Documents - Adviti – AD-OP-6204GLPMR4



[\[pdf\] Catalog](#)

katalog oświetleniowy ORNO AD OM 6123L4 B 5908254822216 LED SMD 6W Aluminium akryl 83 OP 6189BGU10 85 6189WGU10 LD 6219CE14S 87 ADVITI files orno pl Catalogs Katalog Adviti www ||| katalog oświetleniowy lighting catalogue Niniejszy materiał ma charakter wyłącznie informacyjny i ni ... WY OGRODOWE GARDEN LUMINAIRES AD-OP-6204BLPM4 AD-OP-6204GLPM4 AD-OP-6204WLPM4 AD-OP-6204BLPMR4 **AD-OP-6204GLPMR4** 150 AD-OP-6204WLPMR4 FRENIT LED Oprawa ogrodowa Garden luminaire 22 IP65 IK10 ...

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