Anten ISL-UFO-EZ200W

Anten 200W 30000lm LED High Bay Light Instruction Manual

Brand: **Anten** | Model: **ISL-UFO-EZ200W**

1. Introduction

Thank you for choosing the Anten 200W 30000lm LED High Bay Light. This manual provides essential information for the safe and efficient installation, operation, and maintenance of your new lighting fixture. Please read this manual thoroughly before installation and retain it for future reference.

2. Safety Information

To ensure safe operation, always adhere to the following safety precautions:

- **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 before any installation, maintenance, or cleaning.
- **Grounding:** The fixture must be properly grounded to prevent electrical shock.
- **Voltage Compatibility:** Verify that the supply voltage matches the fixture's requirements (220 Volts AC).
- **Mounting:** Ensure the mounting surface or structure can safely support the weight of the fixture (3.99 kg).
- **Operating Environment:** This fixture is rated IP65 for protection against dust and water jets. While suitable for outdoor use, avoid submerging the unit.
- **Heat:** The fixture will generate heat during operation. Do not touch the fixture immediately after turning it off. Ensure adequate ventilation around the fixture.
- **Light Source:** Do not stare directly into the LED light source when it is illuminated, as this may cause eye strain or damage.

3. Product Overview

The Anten 200W LED High Bay Light is a high-efficiency industrial lighting solution designed for large indoor and outdoor spaces. It features a robust aluminum housing, excellent heat dissipation, and a high luminous efficacy of 150 LM/W, providing bright and uniform illumination.

Key Features:

- **Efficient Cooling:** Constructed from high-quality die-cast aluminum, offering 25% better heat dissipation than comparable products. Features a waterproof and dirt-resistant aluminum casing.
- **Durable Material:** Designed to withstand harsh indoor and industrial environments, resistant to heat, cold, and humidity with an IP65 protection rating.
- **Energy Saving:** High luminous efficiency of 150 LM/W maximizes light output while minimizing energy consumption.
- **Versatile Application:** Ideal for high-shelf lighting in workshops, factories, warehouses, road stations, gas stations, large supermarkets, exhibition halls, and stadiums.
- **Adjustable Beam Angle:** Features a 90-degree adjustable installation angle for flexible lighting direction.

What's in the Box:

- Anten 200W LED High Bay Light
- Mounting Material (U-bracket and hanging ring)



Figure 3.1: Anten 200W LED High Bay Light with included U-bracket and hanging ring, along with various mounting hardware.



Figure 3.2: Dimensions of the Anten LED High Bay Light (294mm/11.6in diameter, 203mm/8in height) and illustration of its efficient heat dissipation through airflow.



Figure 3.3: Illustration of the 90-degree beam angle and a comparison of light coverage between a 150W and 200W high bay light at different mounting heights.



Figure 3.4: Comparison table highlighting key advantages of Anten LED High Bay Lights, including LED Driver, hanging and ceiling installation options, 150 LM/W efficiency, and excellent heat dissipation, compared to other products.

4. Specifications

Parameter	Value
Brand	Anten
Manufacturer	Damay
Model Number	ISL-UFO-EZ200W
Dimensions (L x W x H)	29.4 x 29.4 x 20.3 cm (11.6 x 11.6 x 8 inches)
Weight	3.99 kg (8.8 lbs)
Protection Index	IP65

Parameter	Value
Style	Modern
Color	Cool White
Shape	Round
Material	Aluminum
Number of Bulbs	1 (Integrated LED)
Voltage	220 Volts (AC)
Specific Uses	Workshops, Factories, Warehouses, Gymnasiums, Garages
Other Features	Waterproof
Light Direction	LED
Power Source	Corded Electric
Bulb Type	LED
EU Energy Label	D
Luminous Flux	30000 lm
Wattage	200 Watts
Color Rendering Index (CRI)	85.00
Average Lifespan	50000 Hours
Start-up Time	< 1s

Product Information Sheet

COMMISSION DELEGATED REGULATION (EU) 2019/2015 with regard to energy labelling of light sources

Supplier's name or trade mark: Anten

Supplier's address: Max Trading GmbH, Charlottenstrasse 61, 51149 Köln, DE

Model identifier: ISL-UFO-EZ200W

Type of light source:

Lighting technology used:	LED	Non-directional or directional:	NDLS
Light source cap-type (or other electric interface)	other electric interface		
Mains or non-mains:	MLS	Connected light source (CLS):	No
Colour-tuneable light source:	No	Envelope:	-
High luminance light source:	No		
Anti-glare shield:	No	Dimmable:	No

Product parameters

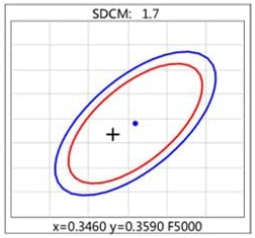
Parameter	Value	Parameter	Value
General product parameters:			
Energy consumption in on-mode (kWh/1000 h), rounded up to the nearest integer	200	Energy efficiency class	D
Useful luminous flux (ϕuse), indicating if it refers to the flux in a sphere (360º), in a wide cone (120º) or in a narrow cone (90º)	26 643 in Wide cone (120°)	Correlated colour temperature, rounded to the nearest 100 K, or the range of correlated colour temperatures, rounded to the nearest 100 K, that can be set	5 000
On-mode power (P_{on}), expressed in W	200,0	Standby power (P_{sb}), expressed in W and rounded to the second decimal	0,40
Networked standby power (P_{net}) for CLS, expressed in W and rounded to the second decimal	-	Colour rendering index, rounded to the nearest integer, or the range of CRI-values that can be set	85
Outer dimensions without separate control gear, lighting control parts and non-lighting control parts, if any (millimetre) — Height	320	Spectral power distribution in the range 250 nm to 800 nm, at full-load	See image in last page
Width	320		
Depth	188		

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Claim of equivalent power[a]	-	If yes, equivalent power (W)	-
		Chromaticity coordinates (x and y)	0,350 0,360
Parameters for LED and OLED light sources:			
R9 colour rendering index value	3	Survival factor	0,96
the lumen maintenance factor	0,90		
Parameters for LED and OLED mains light sources:			
displacement factor (cos ϕ1)	0,90	Colour consistency in McAdam ellipses	1
Claims that an LED light source replaces a fluorescent light source without integrated ballast of a particular wattage.	-[b]	If yes then replacement claim (W)	-
Flicker metric (Pst LM)	1,0	Stroboscopic effect metric (SVM)	1,0

[a]: not applicable;

[b]: not applicable;



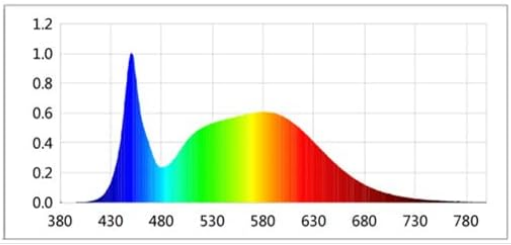


Figure 4.1: Official Product Information Sheet detailing technical parameters and energy efficiency data for the Anten ISL-UFO-EZ200W LED High Bay Light.

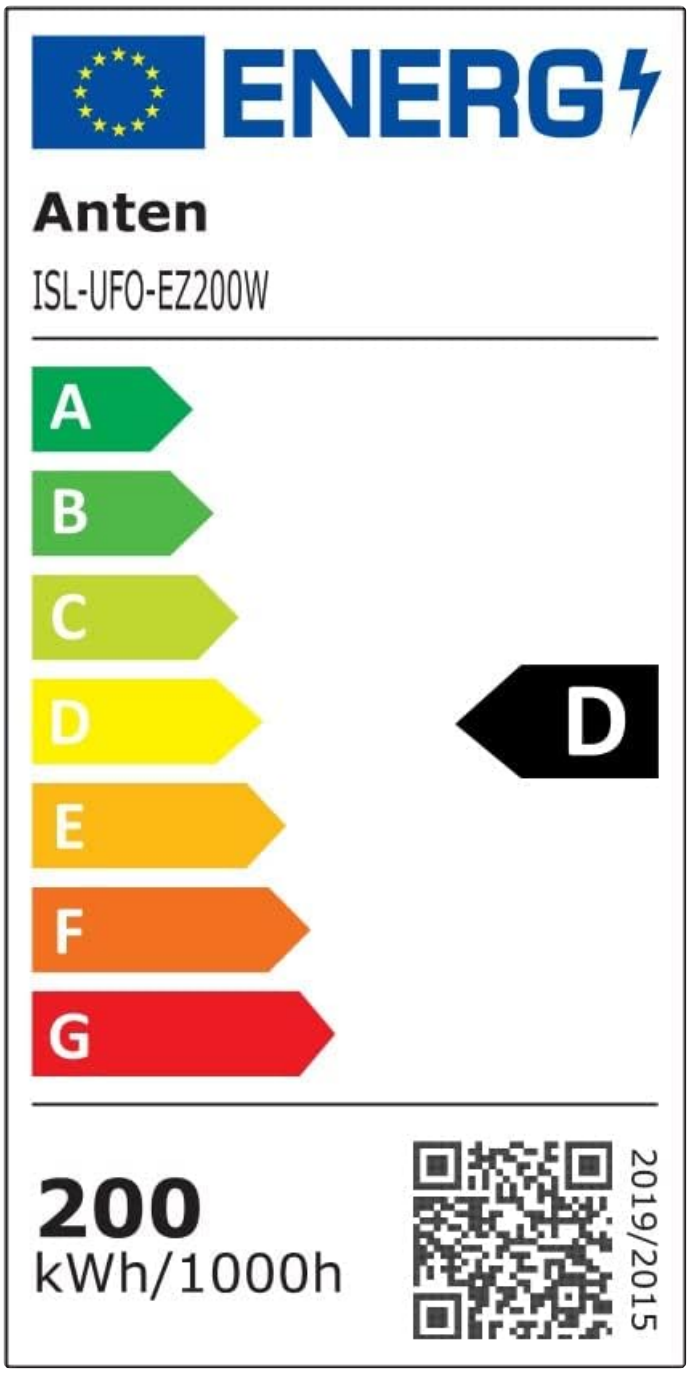


Figure 4.2: EU Energy Label for the Anten ISL-UFO-EZ200W, indicating an energy efficiency class of D and energy consumption of 200 kWh/1000h. For more details, visit the EPREL database.

5. Installation

5.1 Before Installation:

- Ensure all components are present and undamaged.
- Turn off the main power supply at the circuit breaker before beginning any electrical work.
- Wear appropriate personal protective equipment (PPE), such as safety glasses and gloves.
- Consult a qualified electrician if you are unsure about any part of the installation process.

5.2 Mounting Methods:

The Anten LED High Bay Light offers two primary installation methods: U-bracket mounting and hanging installation.

- **U-Bracket Mounting:** The included U-shaped bracket allows for surface mounting on ceilings or walls. Secure

the bracket to the desired surface using appropriate fasteners, then attach the light fixture to the bracket. This method allows for a 90-degree adjustable installation angle.

- **Hanging Installation:** Utilize the integrated hanging ring at the top of the fixture. Securely attach a suitable chain or cable (not included) to the hanging ring and suspend the fixture from a robust ceiling structure.



Figure 5.1: Depiction of the two available installation methods: U-bracket mounting (left) and hanging installation (right). A basic wiring diagram is also shown.

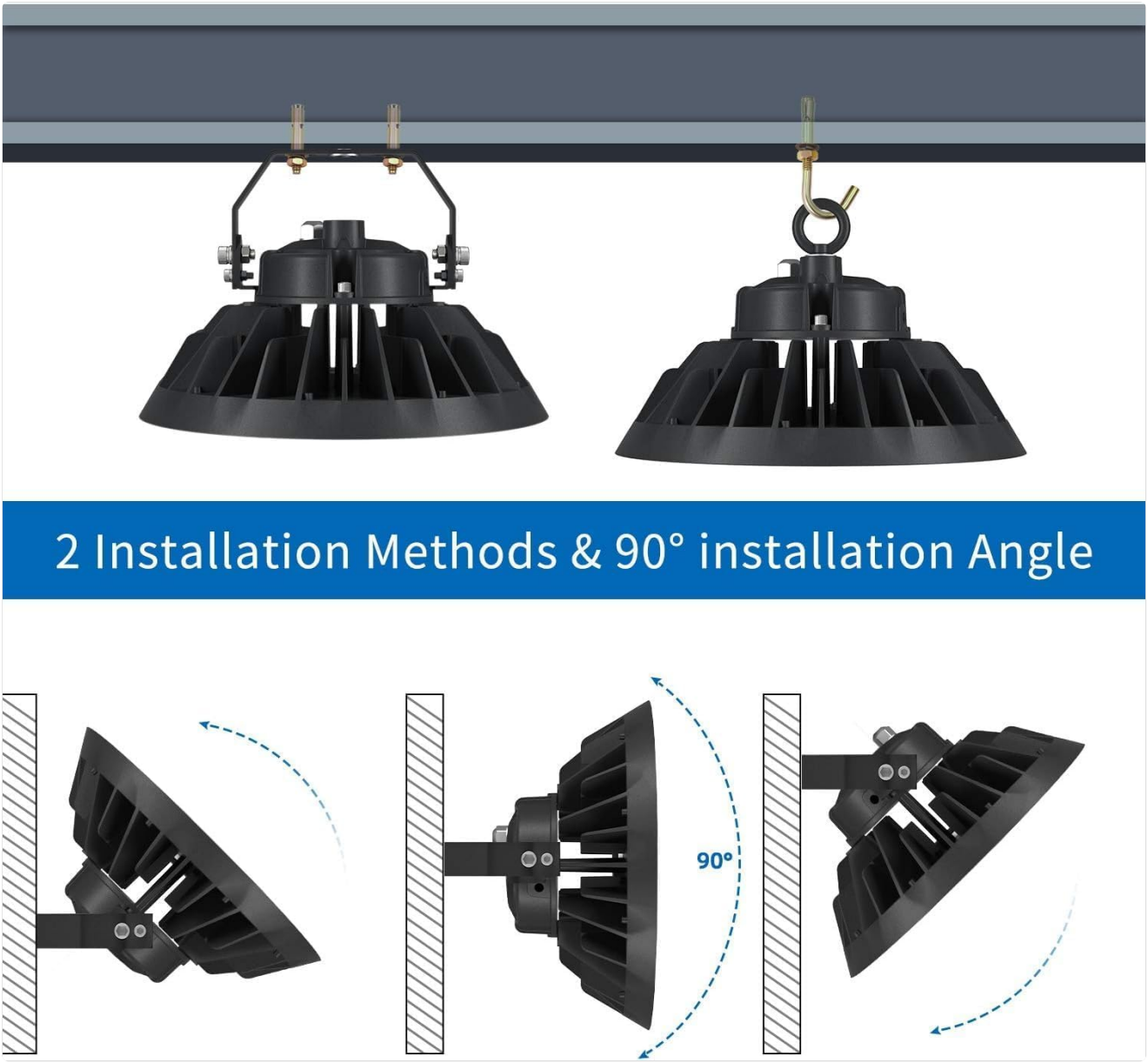


Figure 5.2: Illustration of the 90-degree adjustable installation angle, demonstrating how the light can be tilted when mounted with the U-bracket on a wall or ceiling.

5.3 Wiring Instructions:

The fixture comes with a pre-attached cable. Connect the wires as follows:

- **Brown Wire (L):** Connect to the Live (Phase) wire of your electrical supply.
- **Blue Wire (N):** Connect to the Neutral wire of your electrical supply.
- **Yellow/Green Wire (Ground):** Connect to the Ground (Earth) wire of your electrical supply.

Ensure all connections are secure and insulated. After wiring, restore power and test the fixture.

6. Operation

Once properly installed and wired, the Anten LED High Bay Light operates by connecting it to a standard 220V AC power supply. It is designed for continuous illumination in various demanding environments.

Suitable Applications:

- Warehouses and Storage Facilities
- Factories and Industrial Production Areas

- Gymnasiums and Sports Arenas
- Large Supermarkets and Retail Spaces
- Exhibition Halls and Convention Centers
- Garages and Workshops
- Road Stations and Gas Stations



Figure 6.1: Examples of typical application environments for the Anten LED High Bay Light, including warehouses, gymnasiums, factories, and garages.

7. Maintenance

Regular maintenance ensures optimal performance and longevity of your LED High Bay Light.

- **Cleaning:** Disconnect power before cleaning. Use a soft, damp cloth to wipe the exterior of the fixture. Do not use abrasive cleaners or solvents, as they may damage the finish or internal components.
- **Inspection:** Periodically inspect the fixture for any signs of damage, loose connections, or wear. Address any issues promptly.
- **Recycling:** For information on recycling this and other types of light bulbs, please refer to local recycling guidelines.

- **Broken Bulbs:** For information on how to clean and dispose of broken or damaged bulbs, please refer to local safety guidelines.

8. Troubleshooting

If you encounter issues with your Anten LED High Bay Light, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Light does not turn on.	No power supply; loose wiring; faulty switch; damaged fixture.	Check power source, circuit breaker, and switch. Verify all wire connections are secure. If issues persist, contact support.
Light flickers or dims.	Unstable power supply; loose wiring; incompatible dimmer (if applicable); overheating.	Ensure stable power. Check wiring. This fixture is not dimmable. Ensure adequate ventilation to prevent overheating.
Reduced light output.	Dust accumulation on lens; aging LED components.	Clean the lens with a soft, damp cloth. LED lifespan is 50,000 hours; replacement may be needed after prolonged use.

If the problem persists after attempting these solutions, please contact Anten customer support.

9. Warranty and Support

Anten provides a **5-year warranty** for this LED High Bay Light. This warranty covers defects in materials and workmanship under normal use.
For any questions, technical assistance, or warranty claims, please do not hesitate to contact Anten customer service. We are committed to providing excellent service.
You can typically find contact information on the product packaging or the official Anten website. Please have your model number (ISL-UFO-EZ200W) and purchase date ready when contacting support.

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