NODEX
INSTALLATION AND OPERATION MANUAL
Bollard / Anchored Base / NDX

IMPORTANT: Carefully read all instructions before installing the fixture. Ignoring these guidelines could result in death, severe injury, or significant property damage. Keep these instructions for future use.

⚠ WARNING! RISK OF FIRE, ELECTRIC SHOCK, OR SERIOUS INJURY

- Disconnect power at the circuit breaker and verify that the circuit is de-energized before installation, maintenance, or servicing.
- Installation should be carried out by a certified electrician in accordance with the National Electrical Code (NEC) and applicable local regulations.
- Confirm compatibility between the fixture's rated voltage and the electrical supply before connecting.
- LED elements are delicate electronic parts. Do not tamper with sealed sections of the fixture or touch LEDs with bare hands or tools.
- Avoid installing the fixture on circuits shared with heavy-duty equipment such as HVAC systems or motors, as this may expose it to harmful power surges.
- Do not bypass, modify, or replace the factory-provided LED driver or other electrical components unless expressly authorized by the manufacturer. Use the fixture only in its original configuration.
- Fixtures must be connected in parallel, each with independent leads. Do not connect in series or daisy-chain multiple units.
- Do not modify factory-installed wiring, waterproof connectors, or sealed electrical components.
- When making electrical connections, use only appropriately listed waterproof connectors rated for wet locations and compatible with the fixture's electrical specifications.
- Ensure the mounting surface or foundation is stable, level, and structurally capable of supporting the fixture's weight.
- Use wedge anchors suitable for the concrete foundation and anticipated installation loads. Follow the anchor manufacturer's installation requirements. To preserve the powder-coated finish, avoid direct contact with concrete or rough materials that may cause abrasion or chipping.

MAINTENANCE NOTES

Clean fixture surfaces using a soft cloth and mild detergent. Disconnect power and allow the fixture to cool before cleaning.

What to Avoid

- Do not use abrasive cleaners or scouring pads, as they may damage the powder-coated finish.
- Avoid strong solvents such as acetone, paint thinner, or alcohol-based cleaners, as they may damage the protective coating.
- Do not use high-pressure washers, as excessive water pressure may damage seals and electrical components.
- Avoid cleaning the fixture in direct sunlight or while the surface is hot, as this may cause streaking or spotting.

CERTIFICATION

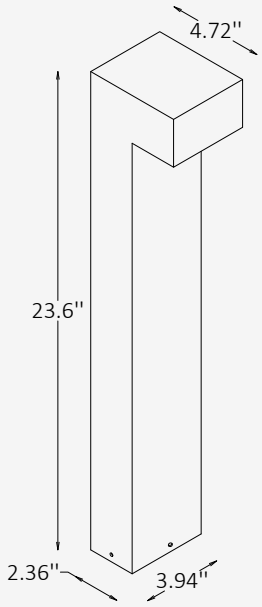
Intertek

A WE LIGHTING
Designed by we, Customized for you

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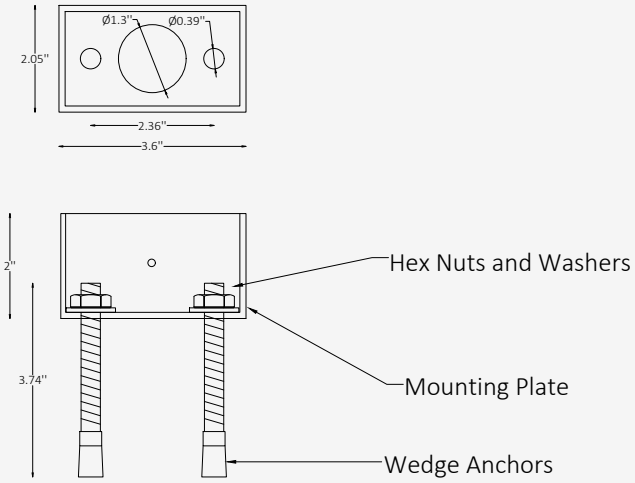
Step 1

Verify the fixture dimensions and ensure that the installation location provides adequate clearance for proper mounting and operation. Confirm that the mounting surface is suitable for the fixture and that sufficient space is available for electrical connections.



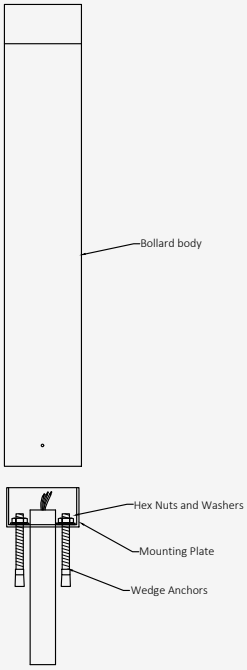
Step 2

Identify the mounting components, including the mounting plate, wedge anchors, hex nuts, and washers. Verify that all components are present and undamaged before installation. Ensure that the wedge anchors are compatible with the mounting plate and suitable for the concrete foundation.



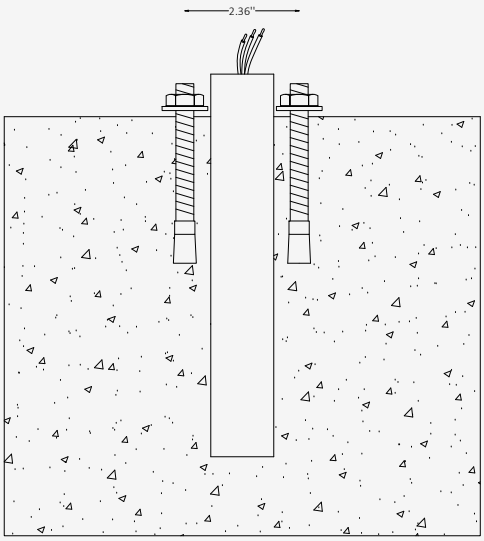
Step 3

Review the fixture assembly and identify the bollard body, mounting plate, wedge anchors, hex nuts, and washers. Ensure that all mounting components are properly aligned and compatible with the fixture before proceeding with installation.



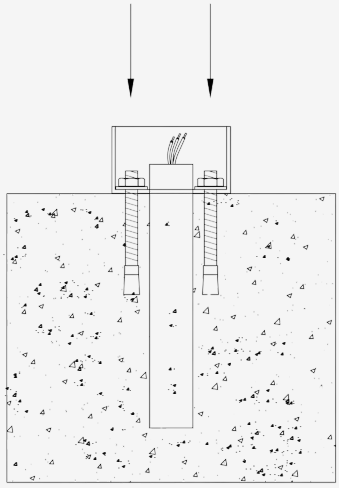
Step 4

Ensure the concrete foundation is fully cured, level, and structurally suitable for installation. Use the mounting plate as a template to mark the anchor hole locations, maintaining 2.36″ (60 mm) center-to-center spacing. Drill the mounting holes according to the specified wedge anchor requirements. Clean the drilled holes thoroughly and ensure the electrical supply conduit is properly positioned at the center of the mounting location.



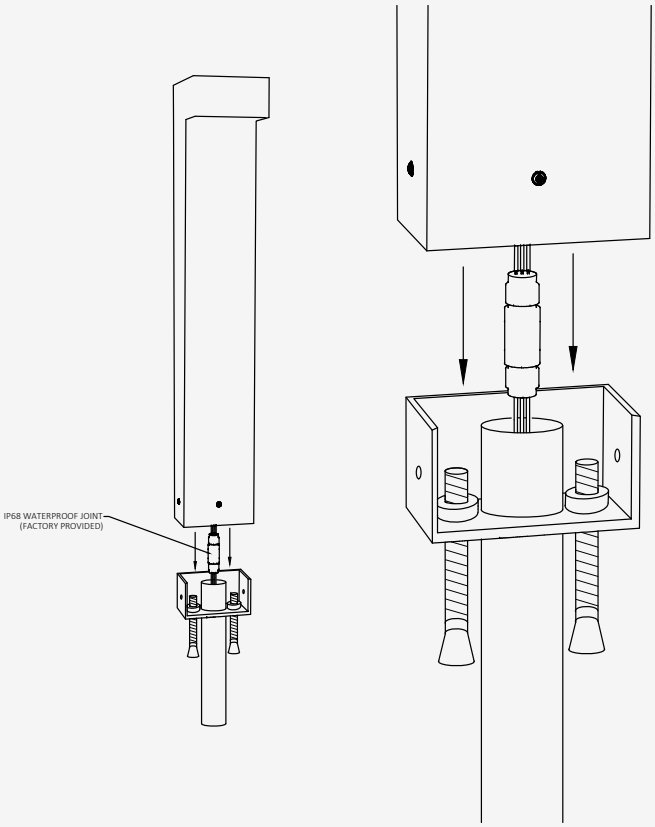
Step 5

Position the mounting plate over the prepared anchor holes, ensuring that the electrical supply wires pass through the center opening. Install the wedge anchors according to the anchor manufacturer's instructions. Secure the mounting plate using the hex nuts and washers. Verify that the mounting plate is level, properly aligned, and firmly secured. Tighten the anchor nuts to the torque specified by the anchor manufacturer. Do not overtighten.



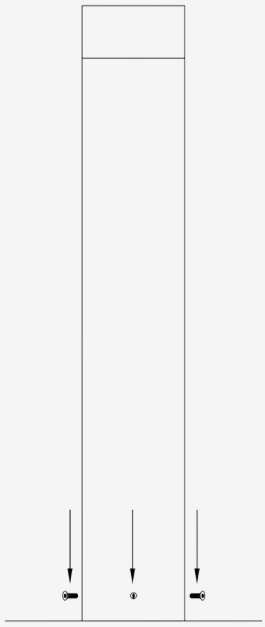
Step 6

Ensure the power supply is OFF before making any electrical connections. Connect the fixture wiring to the incoming power supply using the factory-provided IP68 waterproof connector, following the fixture's wiring diagram and rated supply voltage. Verify that all connections are secure, properly insulated, and protected against moisture. Position the wiring carefully to prevent pinching or damage during fixture installation. All electrical connections must comply with the National Electrical Code (NEC) and applicable local regulations.



Step 7

Carefully lower the bollard body onto the mounting plate, ensuring proper alignment. Secure the fixture using the mounting screws as shown in the drawing. Verify that the bollard is vertically aligned, firmly secured, and free from movement. Once installation is complete, restore power at the circuit breaker and verify proper fixture operation.



LIMITED WARRANTY

A We Lighting warrants that its outdoor bollards and column luminaires are free from defects in materials and workmanship under normal use and conditions for a period of [5 years] from the original date of purchase. This warranty is valid only when the product is installed and operated in accordance with the instructions provided in this manual, the National Electrical Code (NEC), and all applicable local building and electrical regulations.

This warranty does not apply to:

- Damage resulting from improper installation, failure to follow installation instructions, or insufficient maintenance.
- Use with incompatible or unstable power supplies, including unauthorized modifications of the fixture or its components.
- Mechanical damage, corrosion, or deterioration caused by installation in conditions that exceed the product's rated specifications (e.g., extreme temperature, humidity, wind load).
- Electrical failure due to power surges, lightning strikes, voltage irregularities, or operation on circuits shared with inductive loads (e.g., HVAC units, pumps, motors).
- Mounting on unstable or unapproved foundations, including surfaces not rated to bear the weight or vibration load of the fixture.
- Installation in submerged or continuously wet environments, unless explicitly rated for such conditions (e.g., IP68 or higher).
- Exposure to aggressive substances such as road salt, industrial chemicals, oil, or airborne pollutants that may degrade the materials or finish.

Warranty Claims:

To initiate a warranty claim, please contact A We Lighting's Customer Service team. You will be required to provide:

- Proof of purchase (invoice or receipt)
- A detailed description of the problem
- Photographic evidence of the issue, including installation site and close-up views of the defect

A We Lighting reserves the right to inspect the product (either on-site or via return shipping) to determine whether it qualifies for coverage under this warranty.

CERTIFICATION

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