

## Tubular column for public lighting - Aluminum - Telescopic - 4 meters - EASY TRANSPORT



### Product code:

Reference: 004-4M

### Technical specifications:

REFERENCE: 004-4M  
Construction Material: Aluminium  
Certifications: CE  
Dimensions (mm): 4M: Base Ø120mm, Middle:Ø76mm, Pole Ø60mm Base: 250x250mm  
Other Information: Caliber Tube: Base 3mm, Middle:3mm, Pole 2.5mm  
Warranty Years: 5

### Product short description:

Immediate service: Streetlight column or pole - ALUMINIUM - baked black painted, for public lighting, residential areas, roads, housing estates. Manufactured -100%- in high quality aluminium injection. The aluminium column is designed for especially humid and high salinity areas. Baked polyester paint with high resistance and durability for outdoor use. Lightweight and easy to transport and assemble (can be assembled by one person).

**INCLUDED:** Template 250x250 + 4 Ground Anchoring Bolts for Column M14- 40cm

### Product description:

Aluminium Tubular Column - Telescopic - 4 metres - EASY TRANSPORTATION

The aluminium tubular column is designed to be placed in any area of the city. Its elegant and modern circular shape is ideal to give an avant-garde touch to the environment.

The column is manufactured by extrusion: Extrusion involves forcing the aluminium through a tool called a die or die that has a specific shape. As it passes through the die, the aluminium becomes a continuous, uniform profile in the shape of the die. Extruded aluminium has a superior surface quality.

The aluminium extrusion process produces an end product with superior mechanical properties compared to cast aluminium. Extruded aluminium is stronger, more durable and less susceptible to deformation and fatigue.

Advantages of the street lighting column made of pure aluminium:

1. Higher corrosion resistance: Aluminium has a higher corrosion resistance than steel, which increases the durability of the lighting column and reduces maintenance costs.
2. Lightweight: Extruded aluminium is a lighter material than steel, which makes lighting columns made of aluminium easier to install and handle, reducing installation time and costs.
3. Reduced environmental impact: Aluminium is a recyclable material and is increasingly used in projects that seek to reduce their environmental impact. Therefore, lighting columns made of aluminium are a more sustainable option compared to steel columns.
4. Better aesthetic appearance: Street lighting columns made of aluminium can have a smoother and shinier finish, giving them a more modern and attractive appearance.
5. Longer service life: Due to the corrosion resistance of aluminium, street lighting columns made of aluminium have a longer service life than steel, reducing the need for frequent replacement.

The column is made of polyester-based baked-on paint, which gives it quality advantages:

1. Excellent corrosion resistance: Polyester baked-on paint has a high resistance to corrosion, which makes it ideal for protecting metal surfaces exposed to aggressive environments.
2. High durability: Polyester baked-on paint is highly resistant to wear, scratching and fading, which prolongs the life of the coated surfaces.
3. Easy maintenance: The smooth, dirt-resistant surface of polyester baked-on paint makes it easy to clean and maintain, saving time and costs in the long run.
4. Efficient application process: Polyester baked-on paint is applied using an electrostatic spray process, which allows for even and efficient surface coverage and minimises paint residue.

**EASY TRANSPORT AND ASSEMBLY:** The lamp post is designed in 3 sections for easy transport and assembly.

Its height is 4 metres, being very resistant to extreme changes in temperature and humidity.

Its 60mm pointed end is perfect for attaching lanterns, manhole door at the approved height, fuse box fixing plate.

Finished in baked polyester paint: In stock in Gloss Black: RAL9005.

# Technical Datasheet

Assembly Instructions: Template 250x250 + 4 Ground Anchoring Bolts for Column - Galvanized Steel - 14mm

## Required Materials:

- Template 250x250 (included in the package)
- 4 Ground Anchoring Bolts - Galvanized Steel - 14mm (included in the package)
- Basic tools (level, hammer, and measuring tape)

## Assembly Steps:

- Step 1: Preparation: Dig a hole with a minimum depth of 60 by width of 40.
- Step 2: Place the 250x250 template in the open hole, making sure to level it with the level tool.
- Step 3: Fill the hole with concrete using the template.
- Step 4: Leveling: It's crucial to check the template's leveling before the concrete sets.
- Step 5: Column Fixation: Place the column over the anchoring bolts, ensuring it's leveled and properly aligned. Secure the column to the bolts using the nuts and washers provided in the package. Make sure to tighten them firmly.
- Step 6: Final Adjustment and Verification: Use a level to ensure the column is perfectly vertical and level. Give a final tightening to the nuts to ensure the column is securely fastened and stable.

Uses of the Aluminium Tubular Column - Telescopic - 4 metres - EASY TRANSPORTATION

- Streets
- Squares
- Avenues
- Residences
- Parks
- Housing estates
- Community areas

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## Additional images:

