

# Zenit cylindrical-H4500

PL450CII

**Lombardo.**

## Product Description

The cylindrical pole is the green multifunctional product par excellence, thanks to its slim and clean shape, suitable for insertion in any type of environment, it is widely used especially in urban furniture. It is made with the use of tubes with circular section in steel S235JR (conforming to the Standard UNI EN 10219) and is available in a wide range of diameters, thicknesses and lengths.

## CE Marking

The poles are CE marked through the application of an adhesive label (No. 1608 CPD P028).

The pole is manufactured by a company certified under UNI EN ISO 9001:2015 and authorized to issue the CE marking in compliance with the current legislation (EU Regulation No. 305/2011). The label, certifying compliance with CE regulations and affixed to each pole, must display: reference standard EN 40-5, manufacturer's initials, year of production, product code, and the CE marking authorization certificate number.

## Materials

The poles are made of S235 JR steel with characteristics conforming to the UNI EN 10219 standard.

## Dimensional tolerances

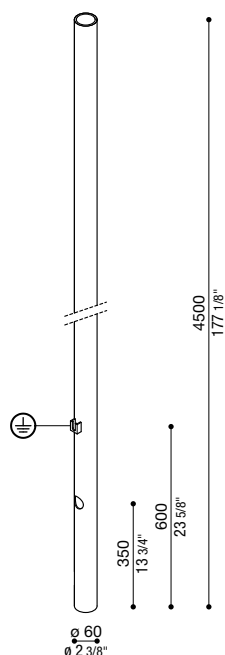
The dimensional tolerances comply with the EN 40-2 standard.








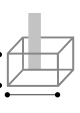
## Reference regulations

- **UNI EN 1461:** Hot-dip galvanizing coatings for finished ferrous products and steel articles.
- **UNI EN 10219:** Cold-formed welded hollow sections for structural applications of non-alloy and fine-grain steels.
- **UNI EN 15614:** Specification and qualification of welding procedures for metallic materials. Qualification testing of welding procedures.  
Part 1: Arc and gas welding of steels.
- **UNI EN ISO 15609:** Specification and qualification of welding procedures for metallic materials.  
Welding procedure specification.  
Part 2: Gas welding.
- **UNI EN 40:** Poles for public lighting. Part 2 – Part 3.

## Colours

- Black RAL 9005
- Corten
- Grey Anthracite RAL 7021



Code	 m	 m	 mm	 mm	 mm x mm	 kg	 m²	 m x m x m
PL450CII	4	0,5	60	3	NO	20	0,85	0,70 x 0,70 x 0,60

The indicated dimensions are the minimum ones to ensure the safety factor required by the standard (1.5 x Mrib <= 0.9 Mstab), considering reinforced concrete with a weight of 2500 kg/m³.

The following are general indications: the dimensioning of a foundation plinth must always be carried out by a professional.

**Lombardo S.r.l.**

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