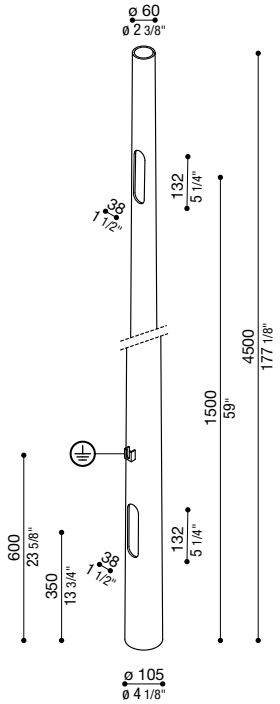
Zenit conical - H4500

PL450COI

Lombardo.



Product description

The round conical pole with a circular cross-section is made from cut and press-bent sheet metal, with the edges joined and longitudinally welded using an automatic welding process.

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 10025.

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 10025:** Hot rolled products of structural 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
- Grey High Tech RAL 9006

Code	m	m	mm	mm	mm	mm x mm	kg	m²	m x m x m
PL450COI	4	0,5	105	60	3	132 x 38	28	1,17	0,90 x 0,90 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.

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