

Aluminium LE passive safe poles

- Fully certified and endorsed by a Notified Body (CE + UKCA)
- TOPAS registered
- 100% recyclable



Low energy absorbing (LE) poles show the behavior that lies between high energy absorbing (HE) and non energy absorbing (NE) poles in the event of a collision.

Low energy (LE) absorbing poles are generally designed to bend in front of and under the impacting vehicle before shearing or detaching toward the end of the impact.

LE poles are standard poles that often naturally exhibit passive safety qualities due to the material properties of aluminum and require no extra engineering solutions.

Local technical support available in the UK.

In compliance with standards and regulations:

- Design in accordance with the British standard BS EN 40-6
- Calculations according to the British standard BS EN 40-3-3
- Passively safe according to BS EN 12767 - see certificate EN 40

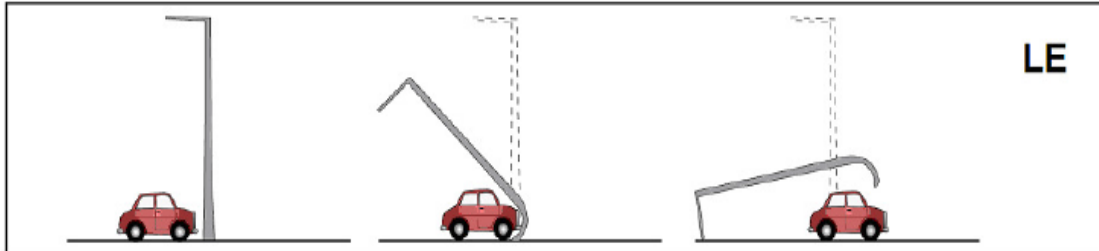
Bracket options (see PDS/EN/UK.32.02.001):

- Fixed brackets
- Cast piece brackets
- Invisible joint brackets

Installation options:

- direct planted in soil
- sleeved / socket

Schematic behaviour LE poles



LE poles, conical and cylindrical stepped available from 8-12m

Height (m)	Base diameter x wall thickness (mm)	Ground piece (mm)	Foundation type	Passive safe classifications
8-12	200 x 3.3	1700	Soil or Rigid*	100-LE-C-S-SE-MD-0
10	226 x 3.3	2000	Soil or Rigid*	100-LE-D-S-SE-MD-0
12	200 x 4.0	1700	Soil or Rigid*	100-LE-E-S-SE-MD-0

*For UK all classes are valid for Soil AND Rigid, see foundation disclaimer.pdf based on the NA to BS EN12767

Technical characteristics

- Seamless tube made of aluminium extrusion;
- Alloy EN AW6060 T66;
- 100% recyclable;
- Flush fitting door with 2 triangular locks;
- Welded reinforcement profile at the inside of the door section, complete with mounting rail (2x M6 slip nuts + 1x M8 earth nut) and mounted wooden backboard;
- Extra earth nut M8 at the inside of the door;
- Ground piece protected with corrosion protective grey tape + ground level protector;
- Cable entry slot incl. protection cap;
- Surface brushed finish, electrostatic powder coating, anodized.