

ATLANTECH LUX PLATE 200-220 model
for the installation of lighting poles with base plate, with spacing between holes of 200 or 220mm, with a max. base diameter of 188mm

The following maximum stresses at the base due to the loads applied on the lighting pole were considered for the verification of the Atlantech Lux PLATE 200-220 foundation.

	Maximum stress
Horizontal load	360 kg
Bending moment	2404 kgm

The Atlantech Lux PLATE 200-220 foundation, loaded with the above stresses, is verified with soils having the following minimum geotechnical characteristics.

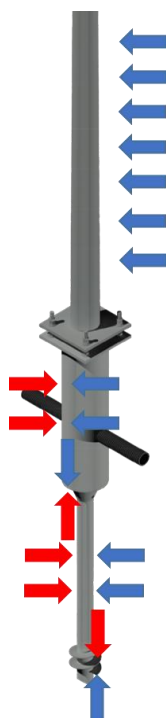
Cohesive soils

<i>Cohesion not drained</i>	$C_u = 0,5 \text{ kg/cm}^2 = 5.000 \text{ kg/m}^2$
	$\text{Weight} = \gamma = 1.900 \text{ kg/m}^3$

Cohesionless soils

<i>Cut resistance angle</i>	$\varphi = 30^\circ$
	$\text{Weight} = \gamma = 1.900 \text{ kg/m}^3$

Indicative scheme of behavior of the Atlantech Lux PLATE foundation



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