

**ATLANTECH E-LUX SMALL 1100**  
**Verified for Enel poles 10A10 and 10B14, maximum base diameter 290 mm**

The following maximum stresses at the base due to the loads applied on the lighting pole were considered for the verification of the Atlantech E-Lux Small 1100 foundation.

	<b>Maximum stress</b>
<b>Bending moment</b>	<b>31.42 kNm</b>

The Atlantech E-Lux Small 1100 foundation, loaded with the above stresses, is verified with soils having the following geotechnical characteristics.

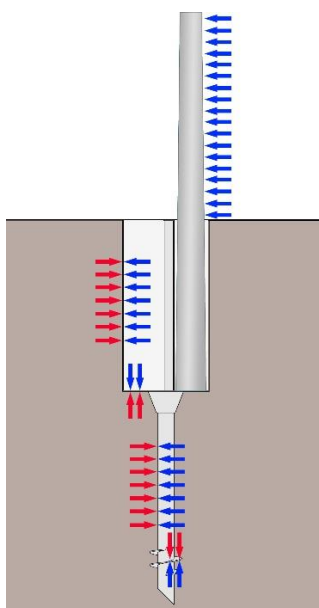
*Cohesive soils*

<i>Cohesion not drained</i>	$C_u = 0.5 \text{ kg/cm}^2 = 5000 \text{ kg/m}^2$
	$\text{Weight} = \gamma = 1900 \text{ kg/m}^3$

*Cohesionless soils*

<i>Cut resistance angle</i>	$\varphi = 30^\circ$
	$\text{Weight} = \gamma = 1900 \text{ kg/m}^3$

*Indicative scheme of behavior of the Atlantech Lux foundation*



**ATLANTECH SRL**