

## Pictures - Product in Use



## Requirements

1. It needs to have three different settings, for different soil moisture levels (moist, medium, and dry)
2. When it is inserted in the soil, if the soil has enough water the light should automatically turn off. When the soil doesn't have enough water, it lights up and the light stays on until the soil is watered.
3. The moisture sensor needs to be a Capacitive moisture sensor
4. It needs to have the ability to turn off for storage (could be achieved by an on/off switch, or simply removing the batteries)
5. The light should be LED, and the colour should be White or Orange
6. The battery life should last a minimum of 2 weeks with the light on. And a minimum of 2 years with the light off
7. We prefer the use of coin battery (like CR2032 or CR2025)
8. Product Dimensions: (outer shell only) 9.3 cm (h) x 6 cm (w) x 2 cm (t) (with sensor inside) 15 cm (h) x 6 cm (w) x 2 cm (t)
9. Bonus: if it has a microUSB to re-program the board

