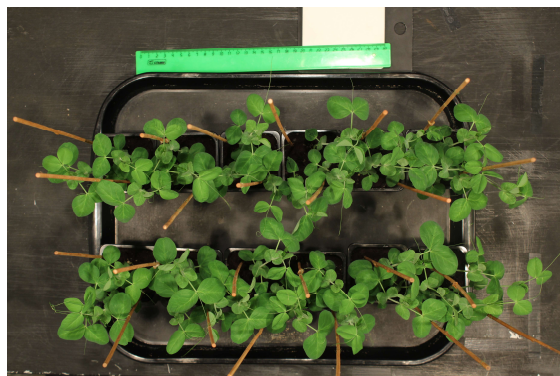
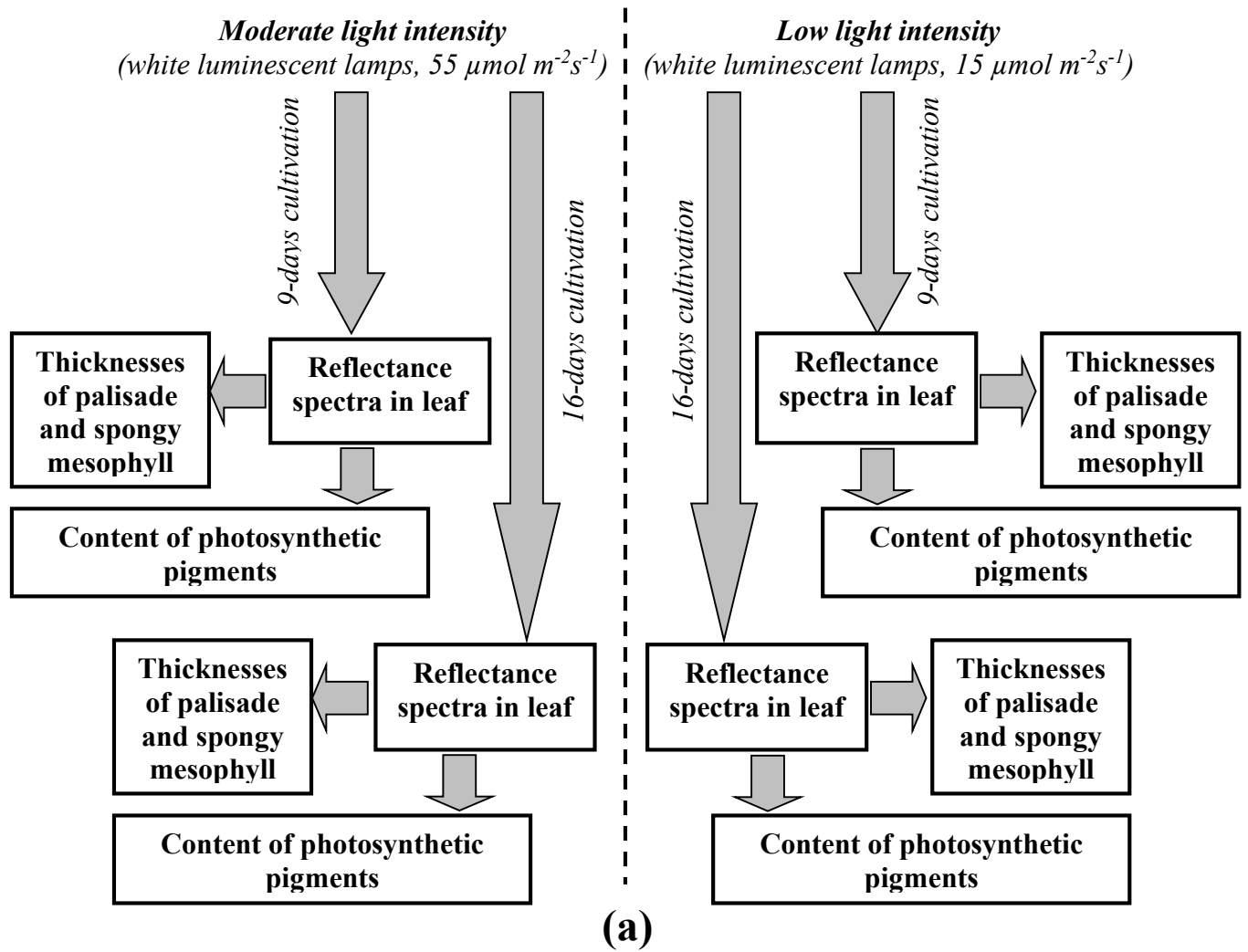
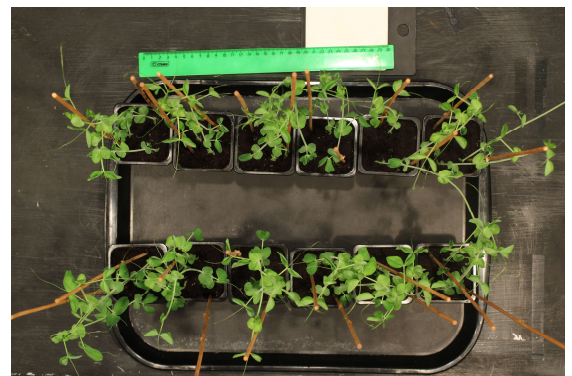


*Pea (Pisum sativum L., variety "Albumen"), soil, 24°C, 16 h photoperiod*



*Moderate light intensity*



*Low light intensity*

**(b)**

**Figure S1.** Scheme of cultivation of pea and measurements of its parameters **(a)** and photos of plants, which were cultivated under the moderate and low light intensity **(b)**. Leaf reflectance spectra, content of photosynthetic pigments (chlorophyll a, chlorophyll b, and carotenoids), and thicknesses of palisade and spongy mesophyll were used to parameterize and verify the developed model.