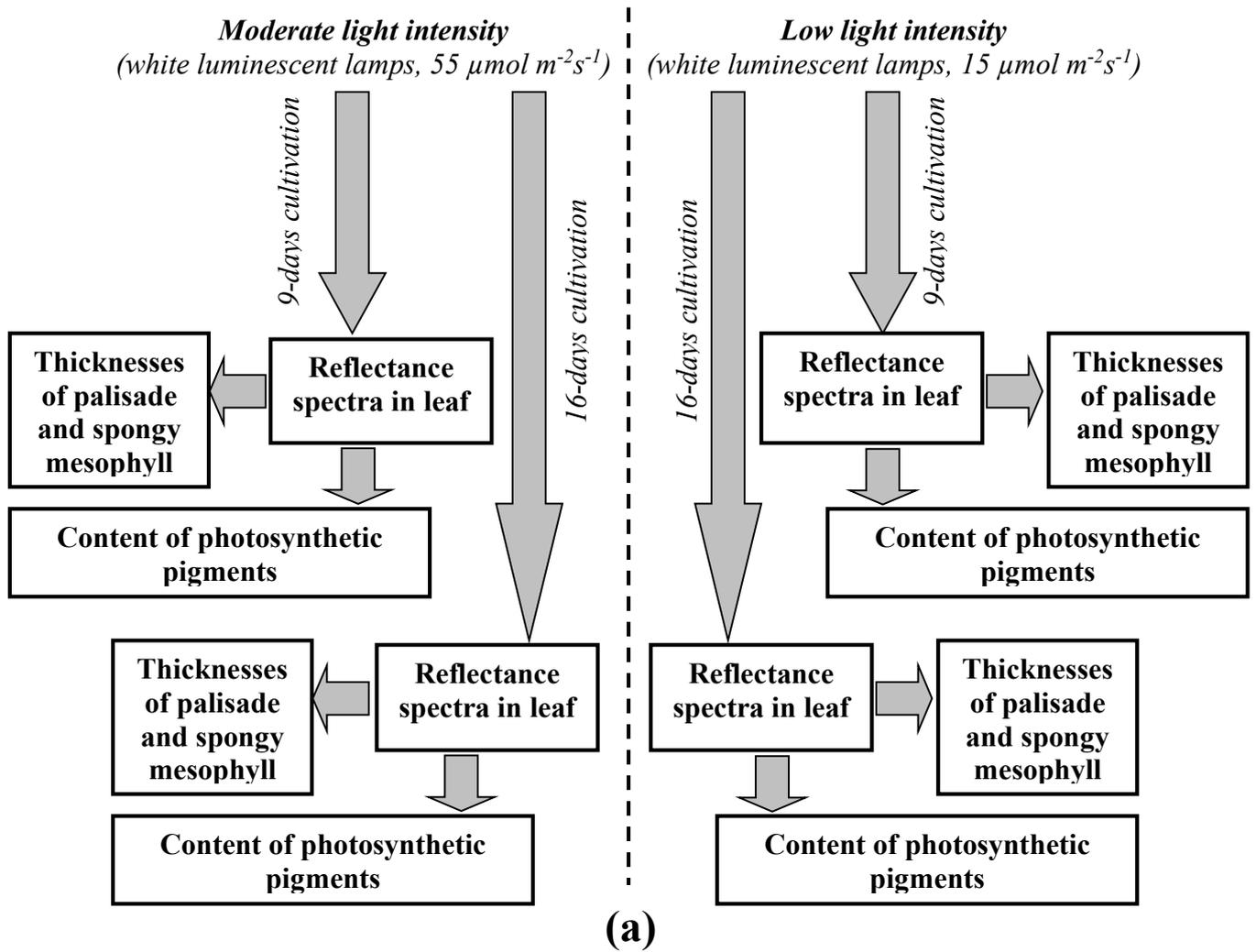


Pea (Pisum sativum L., variety "Albumen"), soil, 24°C, 16 h photoperiod



Moderate light intensity



(b)

Low light intensity

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.