

Abstract

A refrigerator capable of stimulating photosynthesis of vegetables and fruits stored therein, using a plant circadian rhythm and considering a status of plant pores is provided. For that purpose, a refrigerator (1) includes: a light emitting portion (14) capable of radiating visible light to an inside of a storage compartment (500) that stores food; and a control portion (8) configured to control operation of the light emitting portion to alternately repeat a visible light radiation process of causing light including visible light to be radiated from the light emitting portion and a non-radiation process of causing the light including visible light not to be radiated from the light emitting portion. The light emitting portion includes a first light source (16a) configured to radiate light having a first wavelength of a visible light region as a central wavelength, and a second light source (16b) configured to radiate light having a second wavelength of the visible light region different from the first wavelength as a central wavelength. In the visible light radiation process, the control portion controls the light emitting portion to perform a first radiation process of causing light to be radiated from both of the first light source and the second light source and a second radiation process of causing light to be radiated only from the first light source.