

## ABSTRACT

A lighting system and a plant cultivation apparatus, which make it possible to reflect light reflected by a surface of a cultivation tray to the cultivation tray with high efficiency. The lighting system comprises a plurality of lighting sources 11; a body 12 retaining the plurality of the light sources while comprising a transparent window for escaping the light emitted from the light sources 11, and a reflection member; the reflection member being disposed so as to cover a window for reflecting light from outside of the body 12 while a plurality of holes 13 for launching the light emitted from each of the light sources 11 are formed.

[Selected Drawing] Fig. 1