

LIGHT DIFFUSION PLATE AND DIRECT SURFACE LIGHT SOURCE UNIT

ABSTRACT

A light diffusion plate comprising a styrene-based resin composition, which can achieve superior long-term durability and strength is provided.

A light diffusion plate, including a styrene-based resin composition, wherein: the styrene-based resin composition includes a styrene-based resin (A), an antioxidant (B), and a light diffuser (C); the antioxidant (B) includes at least one selected from phosphorus antioxidant (B-1), phenol antioxidant (B-2), and phosphorus/phenol antioxidant (B-3); the phosphorus antioxidant (B-1) and the phosphorus/phenol antioxidant (B-3) in total are contained by 0.001 to 0.5 parts by mass with respect to 100 parts by mass of the styrene-based resin; the phenol antioxidant (B-2) and the phosphorus/phenol antioxidant (B-3) in total are contained by 0.001 to 0.5 parts by mass with respect to 100 parts by mass of the styrene-based resin; the light diffuser (C) is contained by 0.1 to 10 parts by mass with respect to 100 parts by mass of the styrene-based resin; and t-butyl catechol is contained by 0.1 to 10 $\mu\text{g/g}$ in the styrene-based resin composition, is provided.

[No Figure]