ABSTRACT

LAMP SHADE STRUCTURE FOR ENHANCING LUMINOUS EFFICIENCY

This invention relates to a lamp shade structure for enhancing the luminous efficiency. In the main body of the lamp shade, it is installed with an arc concave reflector surface, meanwhile, the arc concave reflector surface is made to form front and rear reflector surface and left and right reflector surface that are installed oppositely; moreover, at the center of the front and rear reflector surface, protruding ridge trail is formed, meanwhile, it starts from the ridges trail and descends obliquely towards both sides, hence, oblique surfaces are formed at both sides of the ridge trail; in addition, the left and right reflector surfaces are installed with several protruding lines in certain interval; moreover, on the reflector surface, it is installed with reflector protruding grain, hence, through the oblique surface design of the front and rear reflector surface, light can then diverge in large angle towards the front and rear side of the main body of the lamp shade; in addition, through the design of several protruding lines on the left and right reflector surfaces, the light emitted by the luminous object can then get reflected by the protruding lines to form gradually expanded and downward-directed ray; moreover, through the reflection of the reflection protruding grain, high density light can then be generated, hence, this lamp shade structure can generate the lighting effect of wide angle, high luminosity, high light uniformity and far-reaching illumination characteristic.

(Fig. 1)