

ABSTRACT**LIGHTING SYSTEM**

The invention relates to a lighting system (1) comprising a lighting panel (2), wherein at least one light source (7), assigned to a narrow side of the lighting panel (2), is provided for coupling light into the lighting panel (2). The lighting system (1) also comprises a reflector (5) facing a flat side (8) of the lighting panel (2), wherein the flat side (8) of the lighting panel (2) facing the reflector (5) and/or the reflector (5) and/or an intermediate layer between the reflector (5) and the lighting panel (2) is provided with a surface structure (6). Said surface structure (6) is formed as a line grid made of continuous and intersecting grid lines (9). According to the invention, a high level of homogenisation of the light emission from the lighting panel (2) can be achieved in a simple manner. In this way, in particular, greater transmission losses in the edge regions of the lighting panel (2) are prevented.

[Fig. 1]