

Finnlamex Luminous Safety Glazing

Finn Lamex Safety Glass Oy is introducing a new type of bus windscreen that can be used as a display. Images, videos and other information can be projected on a PVB film contained in the glass. In this way, the windscreen—or other laminated glass—can be used as a display.

The new type of display can be used instead of a conventional HUD display: it has a much larger display area which can show a lot of information to the driver, including the usual dashboard instrument cluster, the navsat or even a warning about an elk approaching the road. Since the entire windscreen area can be used to display information, the only limiting factors currently relate to colours. At the moment, green and blue are the only colours that can be used in the images or video rendered on the display.

The development work for the windscreen innovation started out of a desire to solve a problem with conventional head-up displays: they cannot be used in windscreens with small installation angles, i.e. “vertically” mounted windscreens, which are often found on heavy vehicles. Luminous Safety Glazing is the result of using SEKISUI S-LEC luminous interlayer and laminating techniques at Finn Lamex Safety Glass Oy. The first Luminous Safety Glazing windscreens will be installed for trial runs next year.

Further information:

Finn Lamex Safety Glass Oy