

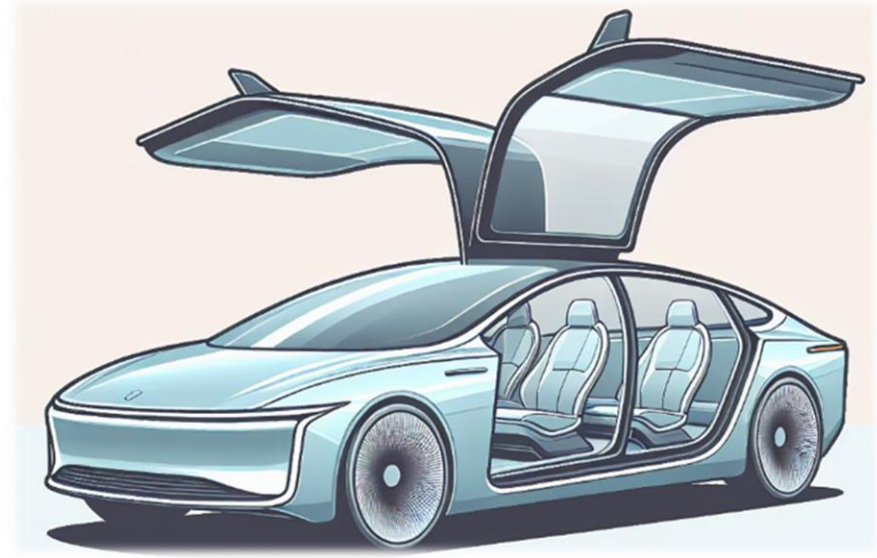
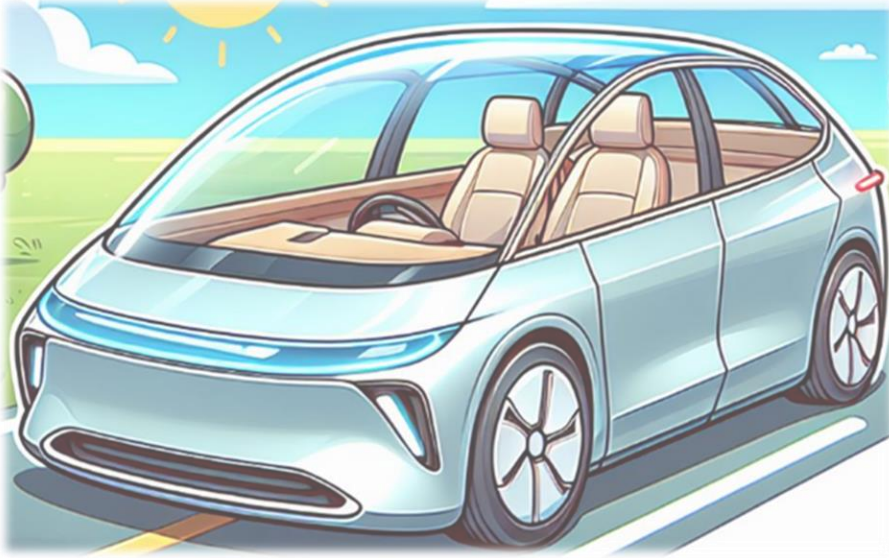
Capacitive Touch Transparent Illumination Film

透明タッチライトフィルム

 TOKAI RIKA

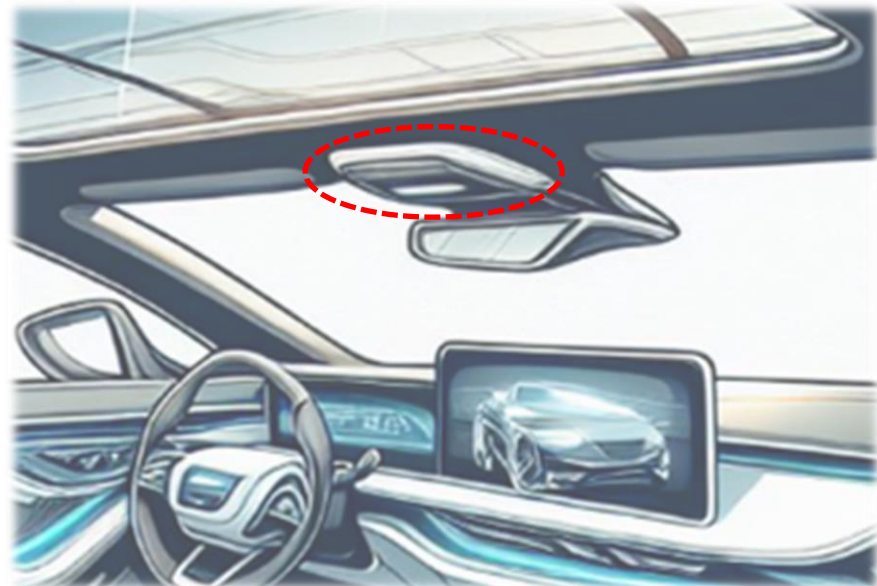
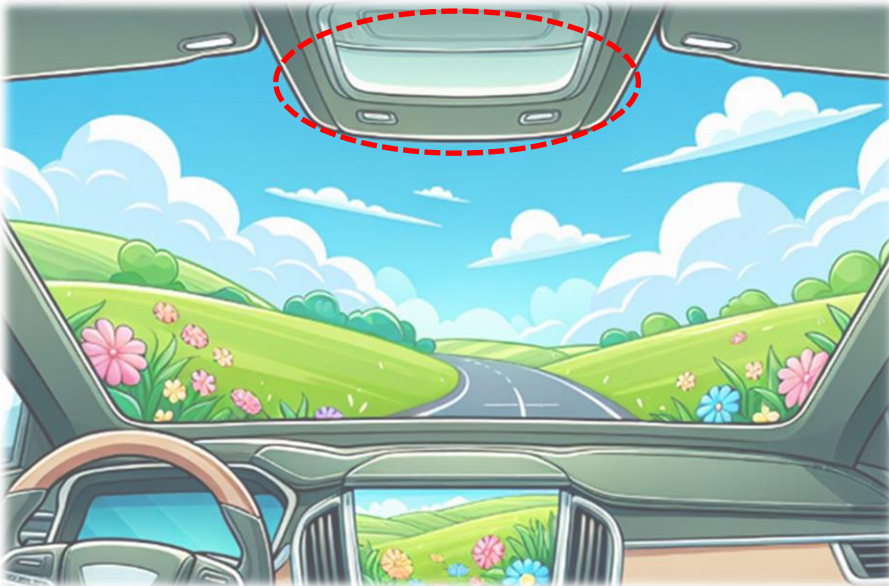
Background

The adoption of EVs is driving the rise of panoramic roofs.



Conventional problem

A large overhead switch panel obstructs a seamless panoramic roof and the driver's view.



Benefits

The illumination film enables a compact overhead switch panel, offering a wide view from a seamless panoramic roof.



Tokai Rika's strengths

A combination of our capacitive switch control technology and an LED film enhances the film's originality and novelty.



Capacitive switch control technology



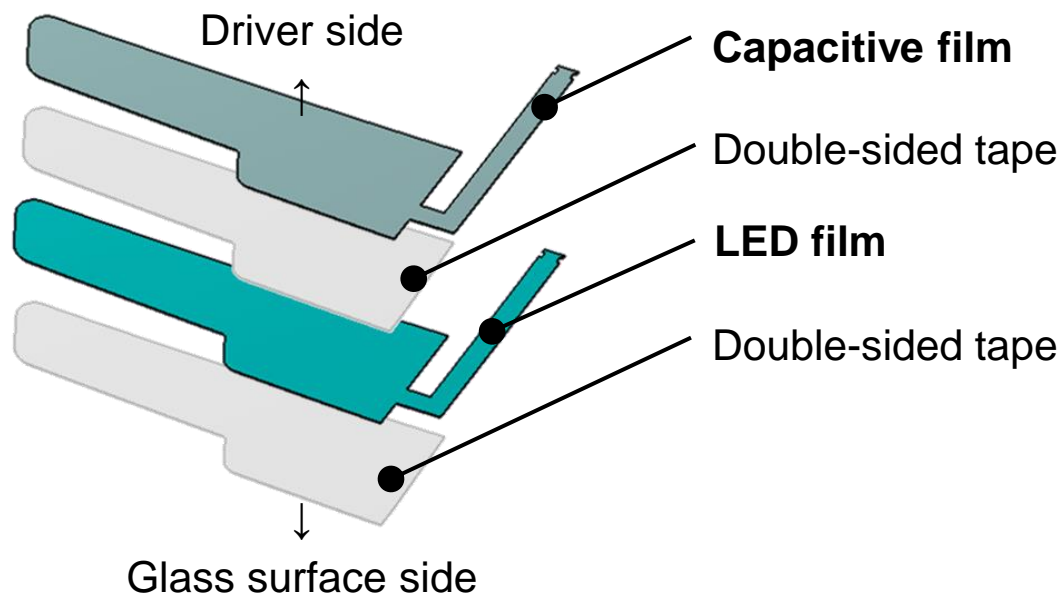
Lights off



Lights on

Technology

A capacitive film (switch) and an LED film (illumination) are integrated together.
The touch control section illuminates.



Product form 1 : Film assembly + control board

Control Board



Product form 2 : overhead switch



Specifications

Item	Basic specification
Room lamp illuminance	5 lx or more ¹
Map lamp illuminance	20 lx or more ¹
Switching system	Capacitive
Thickness	1 mm
Transmittance	65% ²
Curvature	R20 or more

¹ Equal to or greater than that of existing cars

² Capacitive control area

Suggestion of possible applications

The product's transparency, flexibility, and thinness can offer various applications.

