

# Ambient Lighting System

Under  
development  
Scheduled to be  
installed in 2027

## Lighting of ADAS information and vehicle interior space design

### Background or assignment

The needs for ADAS\*<sup>1</sup> evolution and automotive UX\*<sup>2</sup> upgrading are increasing. In vehicle developments, the complexity of boxes and system structures and the increase in costs are issues.

\*1 ADAS... Advanced Driver Assistance System \*2 UX... User Experience

### Solutions to Challenges

- 1 Information notification and interior space illumination designed using various dynamic lighting
- 2 Develops and creates total coordination of the entire illumination system (Supports specification determination and reduction in development costs)

Main performance, specifications and structure

#### Configuration of door illumination

1. Surface-emitting animation lighting
2. Flowing line lighting
3. Gradation line lighting

#### Lighting display

- Displays vehicle information such as ADAS
- Links to people's senses by using lighting displays connected to each system, such as driving conditions, audio, etc

#### Reduction of system development costs

Developed in house, including support for specification determination, design of wire harnesses and components such as systems and light sources, and even appearance evaluation such as setting of lighting colors.

