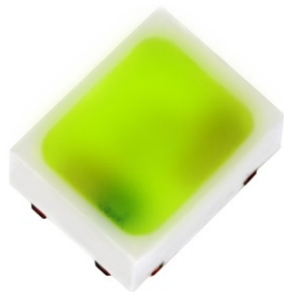


# LED Device for Autonomous Driving



Compact package compared to existing PLCC type LEDs. The space-saving size enables a high degree of design freedom and makes it possible to develop new applications. It is an easy to use middle power LED (0.5W) that achieves high brightness optimal for display signals.

It can be used for applications such as displays for autonomous driving.

## ■ Feature

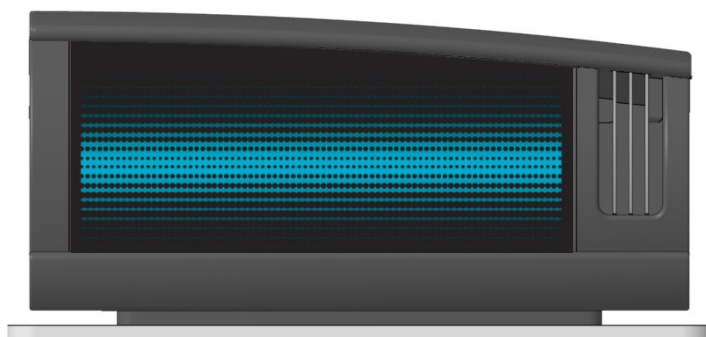
- 2.2mm x 1.7mm package
- Downsizing and higher luminance compared to existing PLCC
  - Size : 62% downsizing
  - Luminous flux : approximately 10 times brighter
- Bluish green color

## ■ Applications

- Indicator light for automotive interior
- Indicator light for autonomous driving
- Light source for ambient lighting:
  - indirect light
  - pattern light
  - design light, etc.

## ■ Interior panel lighting image

- Notifies driving conditions by color
- Brightness is noticeable even in the daytime



## ■ Specification

(Ta=25°C)

Item		New Package LED
Size	mm	L2.2 × W1.7 × H0.7
Forward current (I <sub>F</sub> )	mA	150
Chromaticity coordinates (ccx / ccy)	-	0.190 / 0.350
Luminous flux (Φ <sub>v</sub> )	lm	58
Forward voltage (V <sub>F</sub> )	V	3.4
Half intensity angle (2θ <sub>1/2</sub> )	deg.	115

This document was submitted in Oct .2018