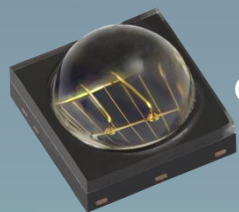


Smart Mirror – Driver Monitoring and Eye Safety

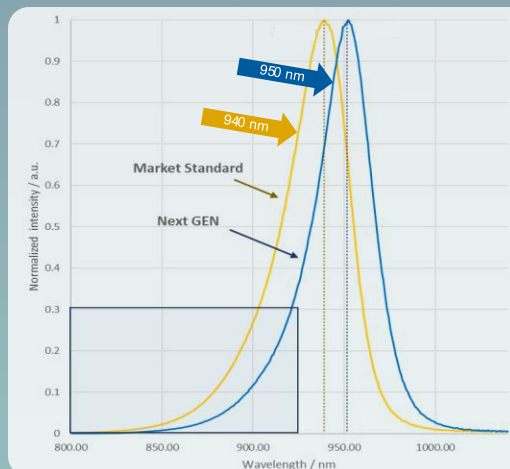


The DNA of tech.®

High Power Infrared Emitter for Driver Monitoring



VSMA Series - Next Generation with 950 nm



The upgraded wavelength of 950 nm instead of 940 nm reduces the visibility of the IR emitter by the human eye drastically. No red glow and distraction to driver is crucial in driver monitoring!

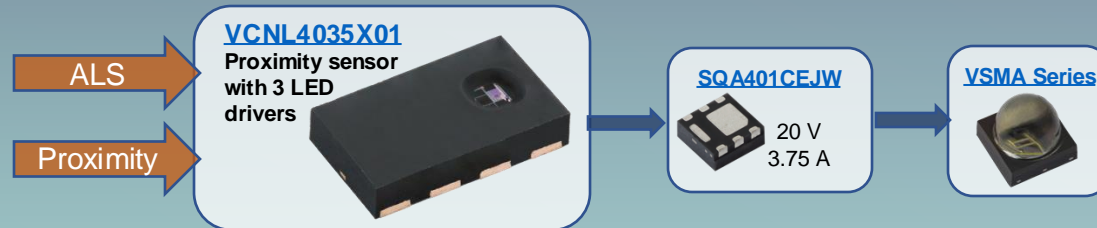


Infrared Emitter
[VSMA Series](#)

Proximity Sensor
[VCNL4035X01](#)

Ambient Light Sensor
[VEML6031X01](#)

Eye Safety Function with Digital Proximity Sensors



Our VCNL4035 has three integrated LED driver that can be used to at the same time control the driver monitoring emitters and also check the reflection intensity towards the mirror. If a passenger comes too close with their face the proximity sensor can automatically reduce the emitter intensity to avoid any danger to the eye.