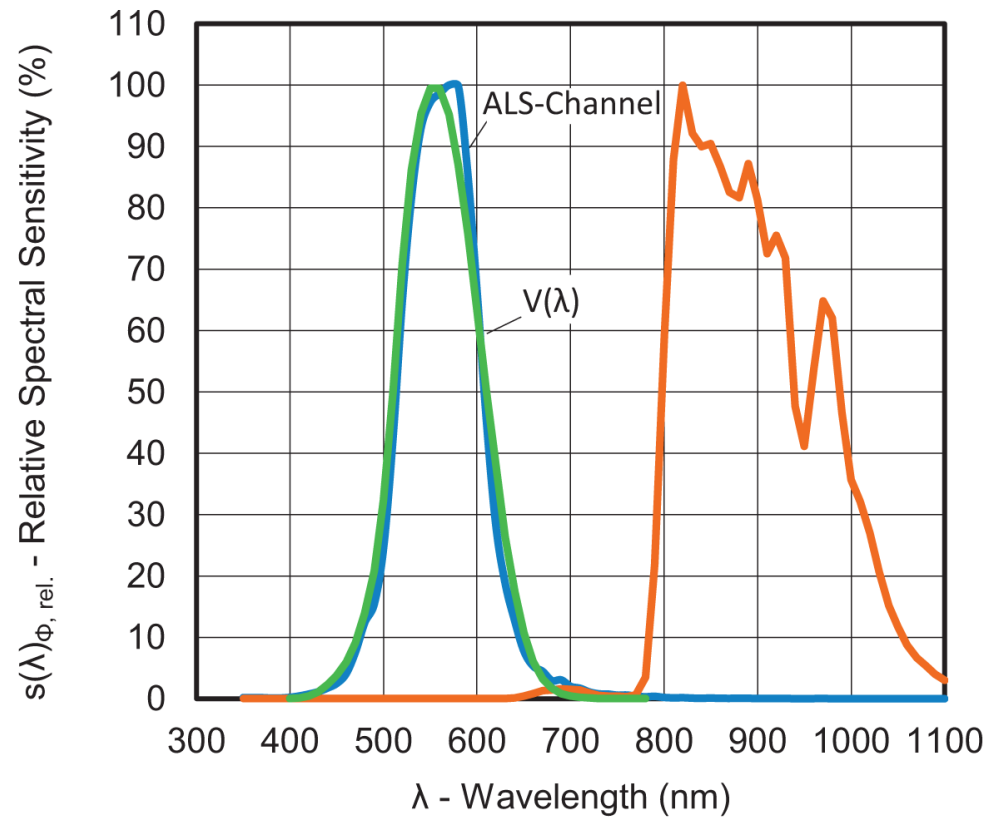


NARROW BEZEL ALS-SENSING

Small Package For Ambient Light Sensing

The VEML4031X00 ALS sensor features a compact, narrow package designed for space-constrained applications such as smart rearview mirrors and infotainment displays.





KEY BENEFITS



NARROW BEZEL

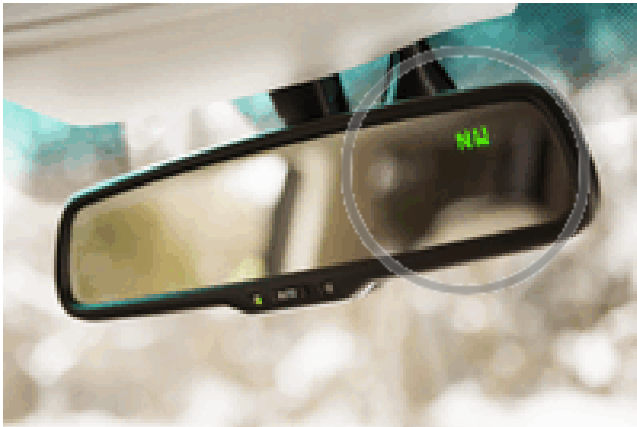
Optimized for integration into narrow-bezel display applications.





Infotainment Systems

Narrow Bezel



The package dimensions are optimized for space-constrained applications and narrow-bezel displays.

Head-up Display

Adjusted Intensity



Opaque side walls combined with a compact package design deliver an excellent signal-to-noise ratio, enabling precise intensity adjustment in HUD systems with flexible placement options.

Rear View Mirror

Fast Response Time



The short integration time enables displays to quickly adapt to rapidly changing light conditions. One example use case is smart mirrors, where fast light adjustment enhances visibility and comfort.

Display Backlight Control

High Sensitivity



The sensor operates effectively even under dark, highly attenuating glass, thanks to its high sensitivity and low dark offset.