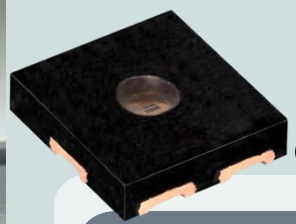


Color and Light Detection for Automotive Displays



The DNA of tech.®



VEML6046X00

RGB + IR

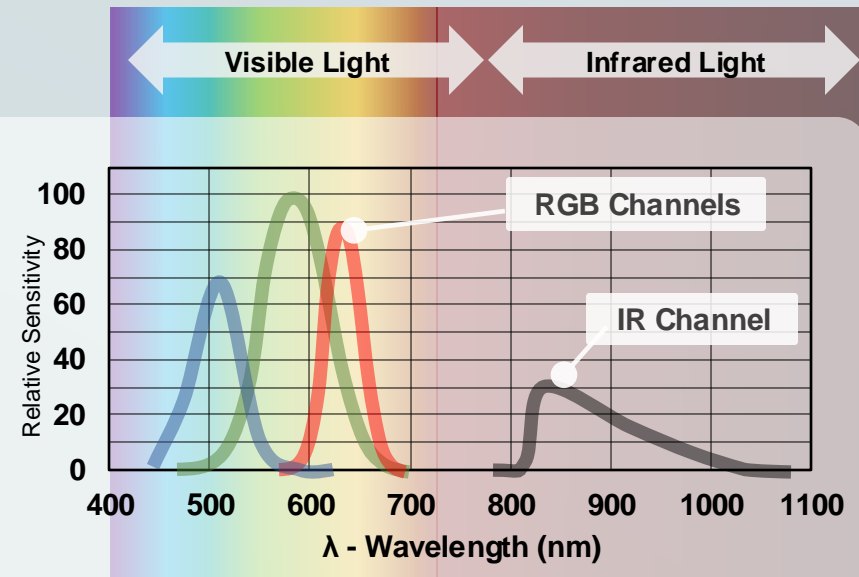
(2.67 mm x 2.45 mm x 0.6 mm)



First in the market RGB Sensor with AEC-Q100 Qualification

3 Color Channels: allows for precise adjustments of color and brightness, enhancing the visual experience in vehicle displays and interior lighting.

1 Infrared channel allows for differentiation between different light sources such as natural and artificial light.



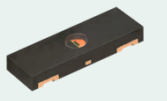
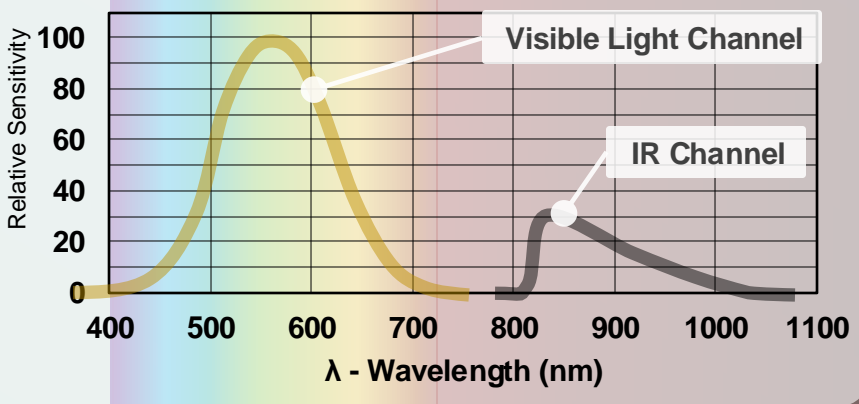
VEML6031X00

ALS + IR

(2.67 mm x 2.45 mm x 0.6 mm)



Automotive qualified digital light sensors with a visible light channel that mimics the sensitivity of the human eye and an infrared channel.



VEML4031X00

ALS + IR

(3.48 mm x 1.45 mm x 0.6 mm)



Our automotive-qualified digital light and RGB sensors are optimized for conditions in modern smart cockpits. Featuring a high dynamic range paired with low-light sensitivity, fast response times, and accurate lux measurements, these sensors are ensuring optimal performance in every drive.

