

Technology / Patents



Patent no. 1 – as an example!

It is NOT possible to explain all patents via PowerPoint (please check out the online google/patents links, and ask us for a separately-held explanation) – but to indicate the importance and magnitude of the patents, the eye-tracker patent (no. 1) will be explained on the **following 4 slides** – just as an example:

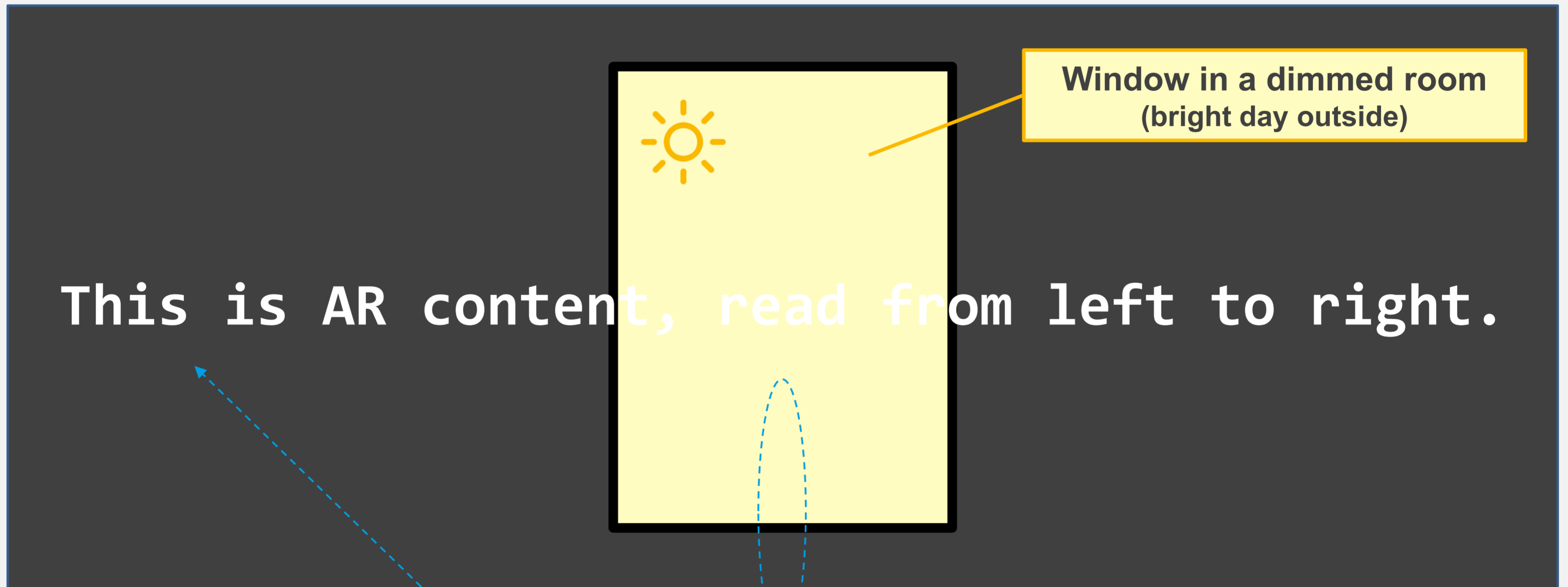
Q&A: “How can the AR industry ensure the readability of AR-Displays, which means, ensuring essential contrast, under all thinkable ambient light conditions – and head/eye movements?”

INOPTEC also showcased this example on [YouTube](#) ([EPIC's Online Technology Meeting](#)) on 20.01.2021



AR / Problem 1:

Regular AR glasses, **without any** background recognition.



No eye tracker

Viewing direct.
(eyes)



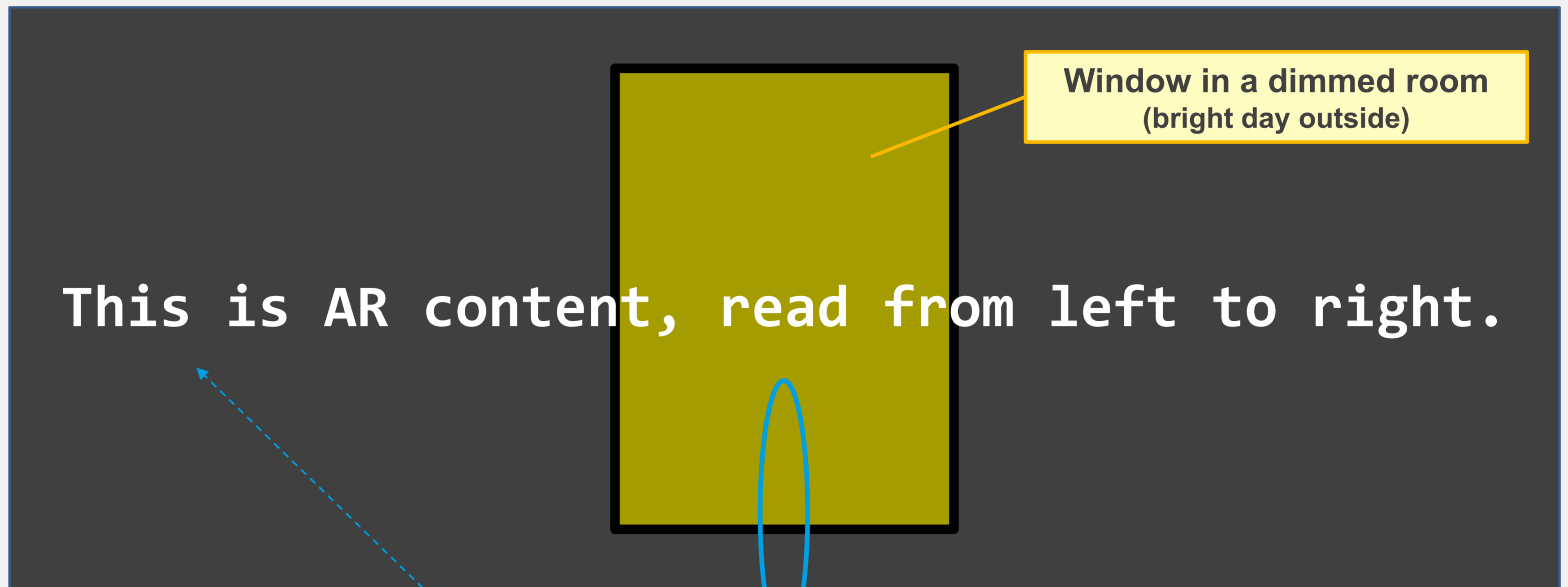
Directional lobe
(head)

AR content cannot be read against the sun or against a bright sky / window.

AR / Solution 1:



INOPTEC's MK1 glasses, **with HEAD DIRECTION** recognition.



No eye tracker

Viewing direct.
(eyes)

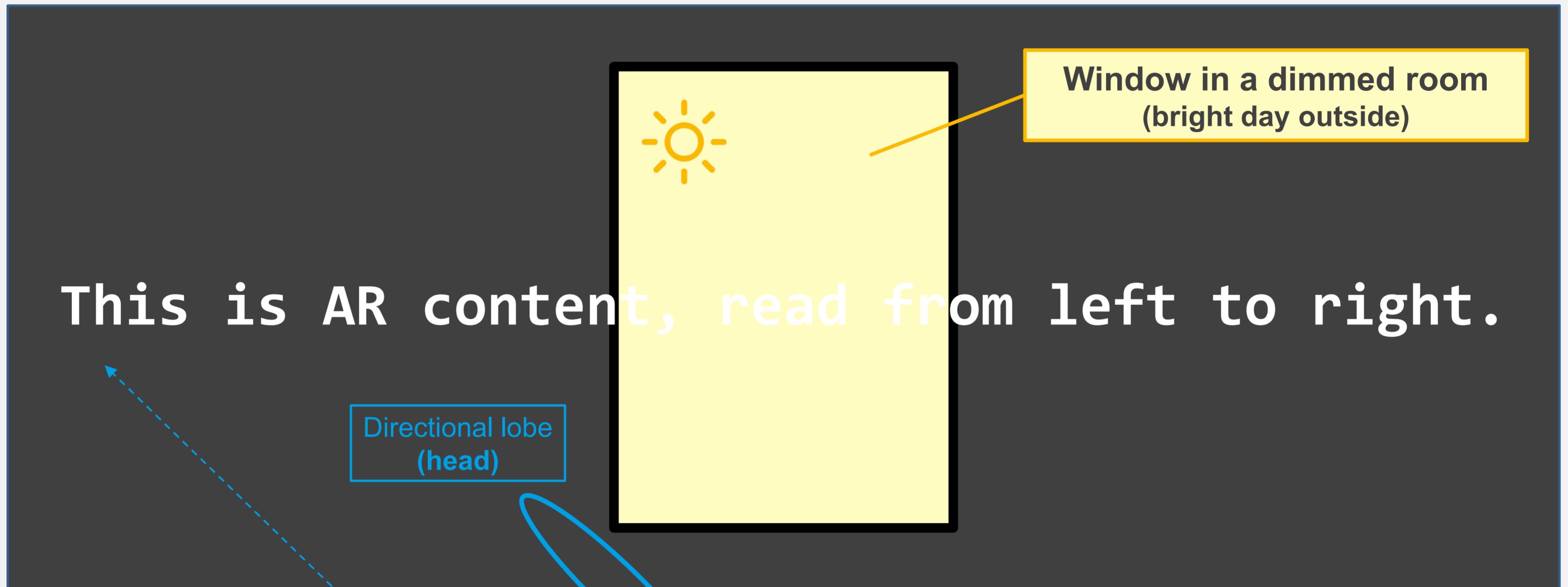


Directional lobe
(head)

AR / Problem 2:



INOPTEC's MK1 glasses, **with** HEAD DIRECTION recognition = **but turned away!**



No eye tracker

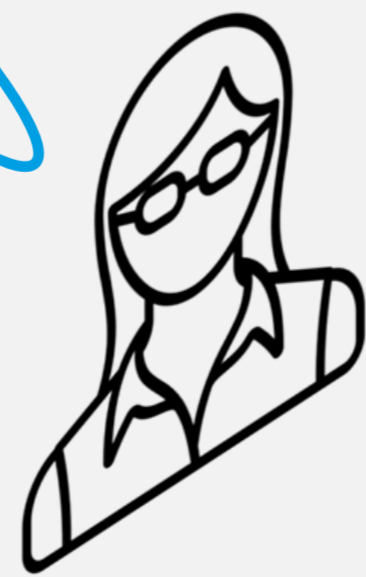
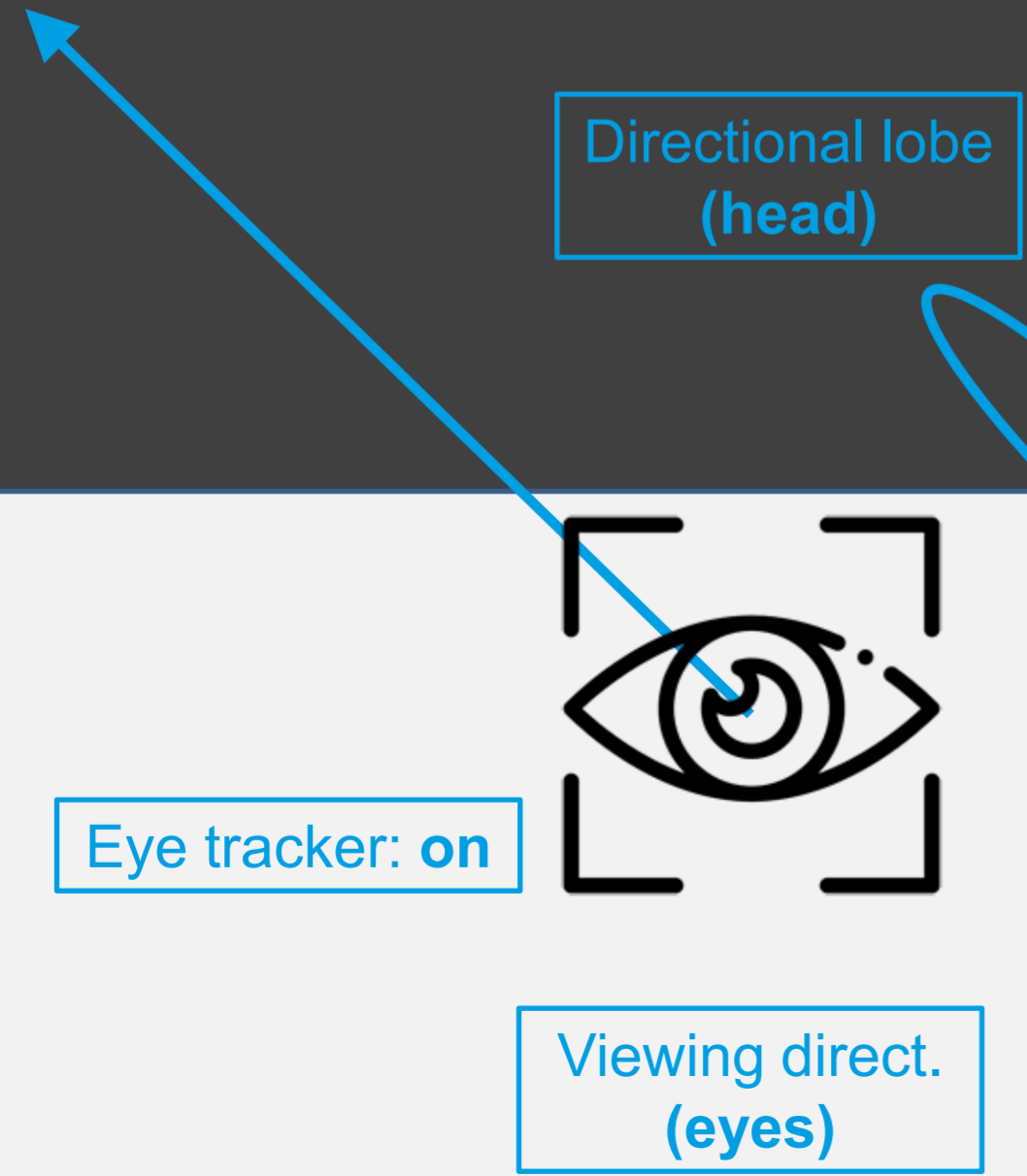
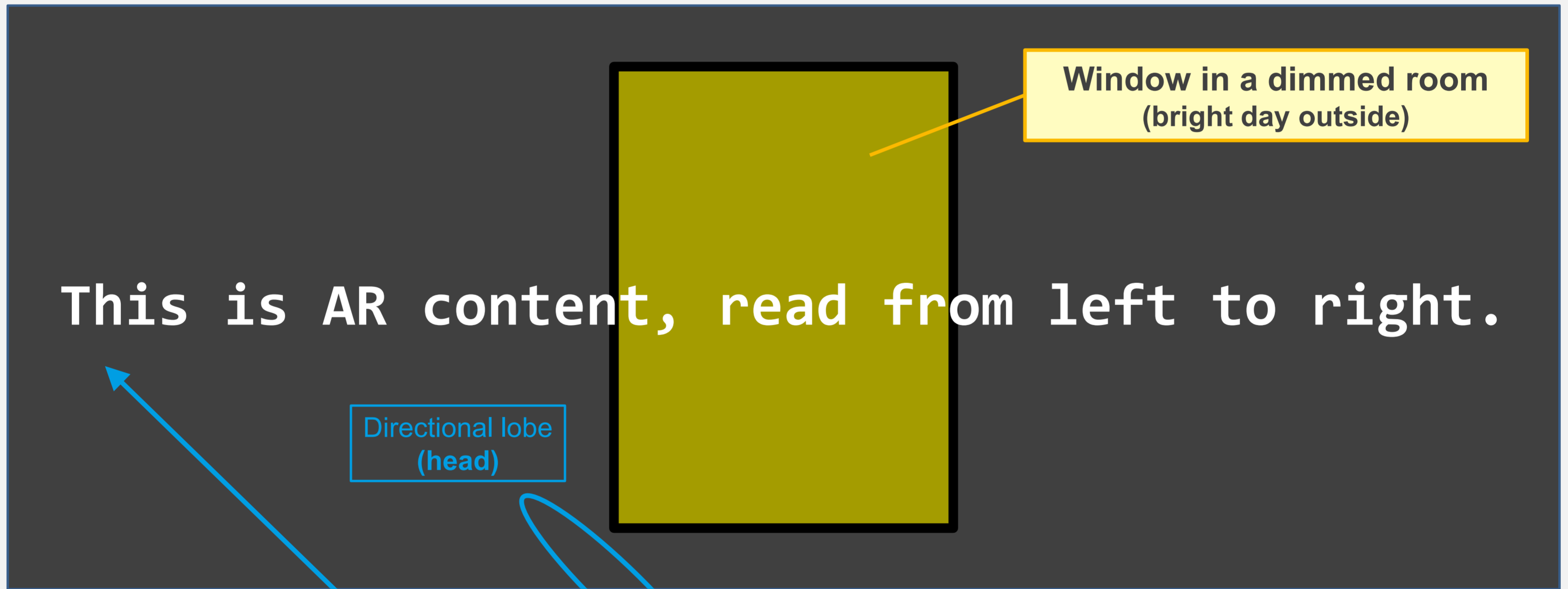
Viewing direct.
(eyes)



AR / Solution 2:



INOPTEC's MK2 glasses, **with** EYE TRACKER.



Perfect vision !

