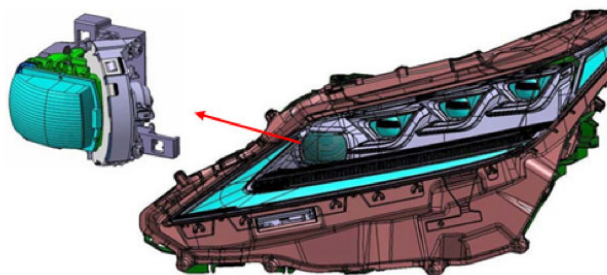


Koito have developed and started production of what they're calling BladeScan™ ADB, in which LEDs light two fast-revolving blade reflectors and takes advantage of human persistence of vision to light the way forward using the residual image effect.

Koito have already been promoting the wide use of ADB by commercialising their mainstay ADB, which they call Array™, that controls light distribution by switching each LED individually. BladeScan works differently.

By switching 12 LEDs in line with the rotation of blade reflectors, the new system gives high-resolution light distribution equivalent to the use of 300 LEDs, and tightly confines the shaded area. to maximise lit area. That lets the lights illuminate the vicinity of vehicles ahead and the areas between them, and promotes early detection crossing pedestrians, thus contributing to reduced traffic violence.



Toyota's new Lexus RX450hL and RX300 models are first to market with BladeScan ADB.