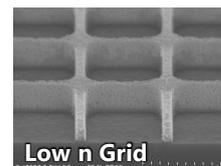
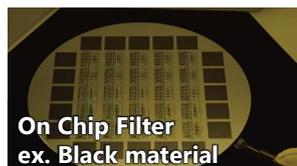
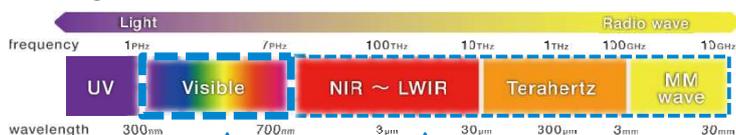


Wave Control Mosaic® (WCM®)

Transform the unseen into the seen.
Delivering new vision to society.

What is Wave Control Mosaic®

Fujifilm Develops and sells **wavelength** control materials for semiconductor processes. Suggesting not only visible but also wide range of applications including black, IR, and refractive materials.

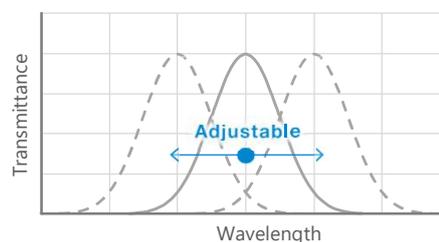


Color Mosaic®
(RGB, CMY, Black etc.)

Image Sensor

Wave Control Mosaic®
(SIR-cut, IR-Pass, High-n, Low-n etc.)

Biometrics Security Automotive



Background of our product development

Changing application

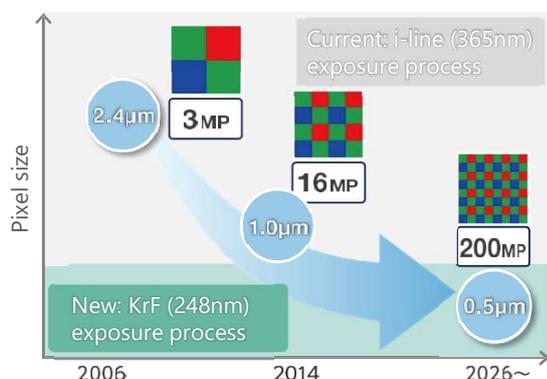


Super fine resolution & high sensitivity are required to image sensor

Diverse demands

World first, new WCM® product for KrF was released

Fine resolution : KrF exp. × original additive tec.



High sensitivity : original dye × formulation tech.

Pigment: Thousands of molecule vs. Our original dye vs. Dye: 1 molecule

Heat & Light durability: Pigment (sad face), Our original dye (happy face), Dye (sad face)

High sensitivity: Pigment (sad face), Our original dye (happy face), Dye (happy face)

Achieve both high durability and sensitivity



Super fine resolution was achieved by Design & Synthesis new additives matched to KrF light.

PFAS Free Collaboration with Supplier



Combined with our formulation technology