(a) Samples (Cat / Dog) (b) Abs. spectrum diff. (c) LED sampling pattern (d) Pupil Optimization (PO) (e) Illumination Optimization (IO) Var Mean Var Mean 1.0 0.2 0.1 0 0000 Center (f) Pupil and Illumination Optimization (PIO) 1.0 0.1 0.2 Optim. -1.0 0 (g) Images formed after physical layers (Cat / Dog) DO PIO