[illegible]

[illegible]

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A Johns Hopkins Applied Physics Laboratory (APL) team developed infrared (IR) metasurface imaging lenses designed to selectively focus specific states of polarized light (linear and circular) to different locations on a detector array. The lenses' operational characteristics make them well suited to miniaturize future optical sensor systems planned for deployment on small platforms or personnel that cannot support the volume or mass of large optical sensor systems.

[illegible]

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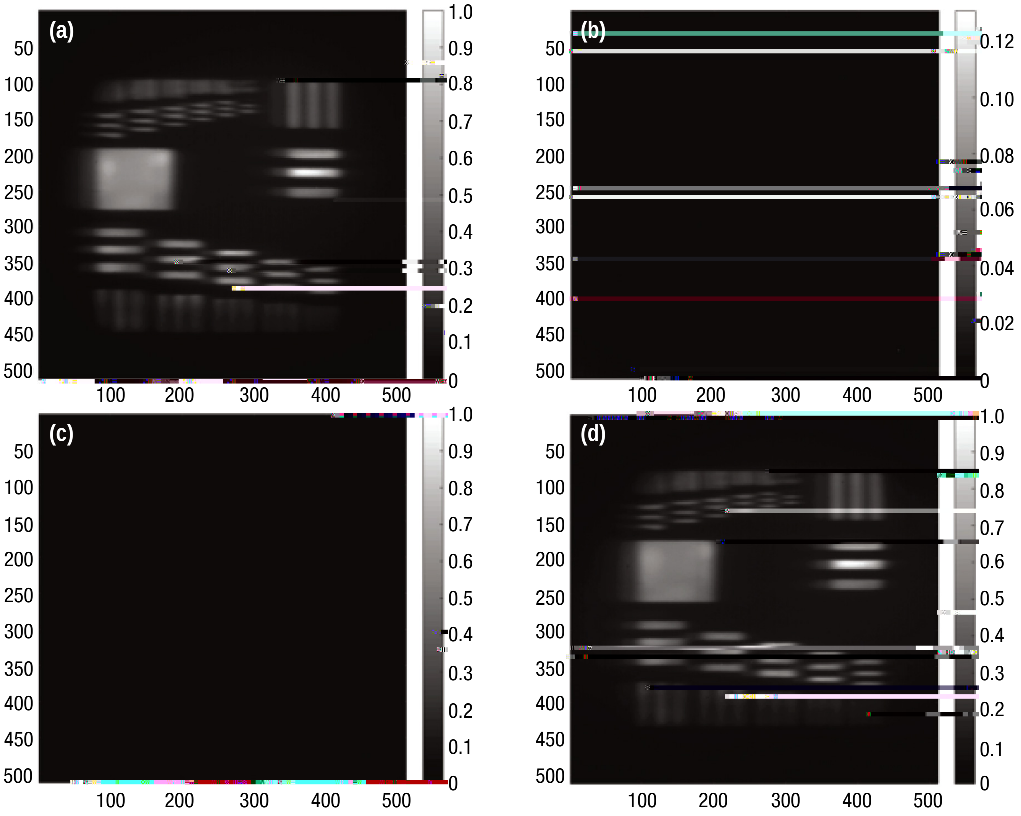

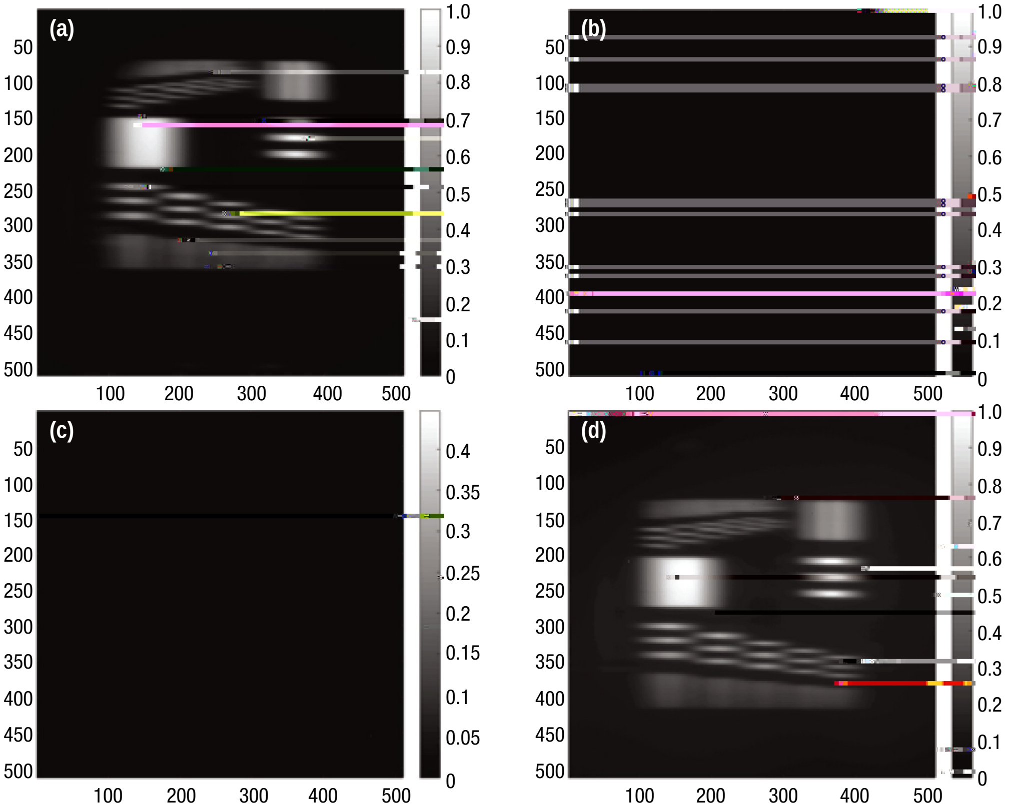

. The i age ca ed. I age f he 4.26- (f a el) a d 4.67- (b f a el) eflec ed f he e ale a cia ed i h he f ll i g la i a i e e ce : (a) TE i , TE de ec ; (b) TE i , TM de ec ; (c) TM i , TM de ec ; a d (d) TM i , TE de ec .