

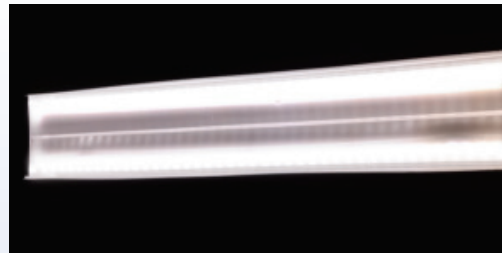
Linear Integrated Optics



- Uses patent-pending design **combining direct light-guide and TIR optics**
- Ability to control light distribution with **>96% optical efficiency**
- **Cost effective** manufacturing process
- **Customizable** for linear geometries and optical patterns



Traditional TIR optics with multiple emitter imaging



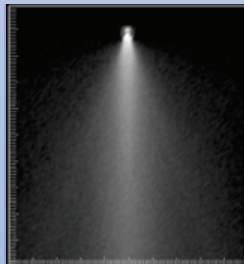
WhiteOptics[®] LIO[™]



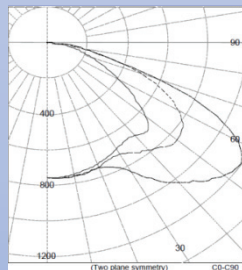
- Avoid tooling cost of injection-molded optics
- More flexibility for LED design and spacing
- Ease of assembly

Optical Pattern Potentials

Beam Control



Asymmetric & Wall Wash



Batwing

