

Technical Data Sheet for the range of Collimator lenses used with the Lumileds 1-watt Luxeon Emitters

Features

- Over 85% efficiency
- Optical grade polycarbonate
- Thermally stable
- Varying output pattern
- Designed around the current range of Lambertian LED's
- Complete with holder

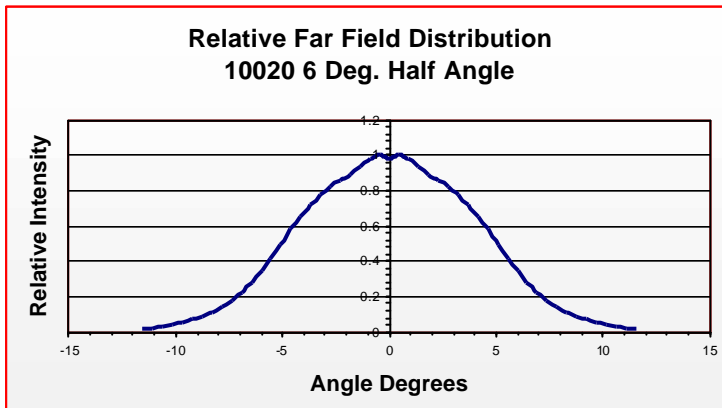
Range

- 6 deg. Collimator 10020
- 15 deg. Collimator 10017
- 25 deg. Collimator 10018
- 25 X 6 deg. Line Collimator 10019

Part Numbers

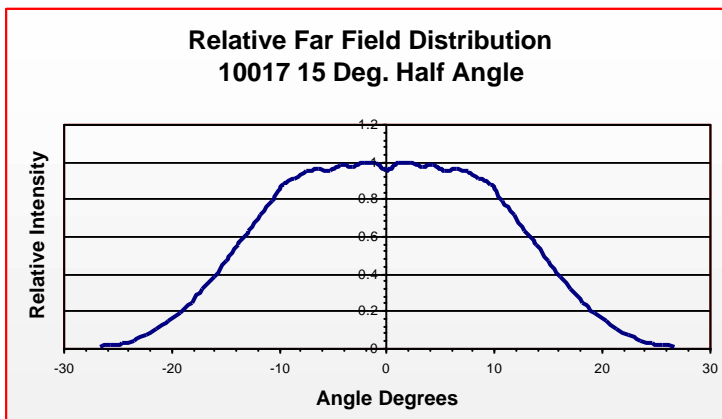
6 deg. Half Angle Collimator

Part number 10020 complete with holder



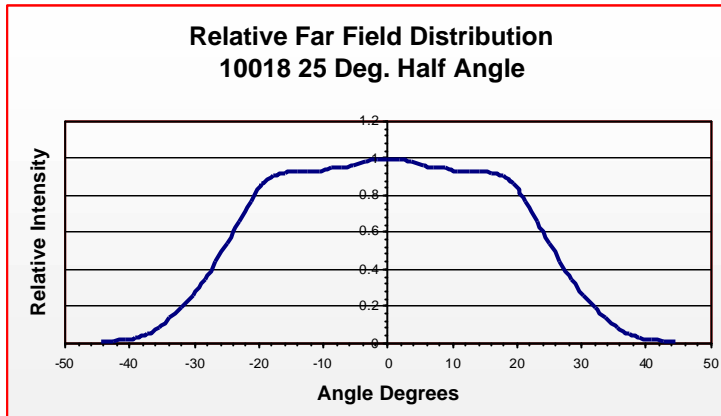
15 deg. Half Angle Collimator

Part number 10017 complete with holder



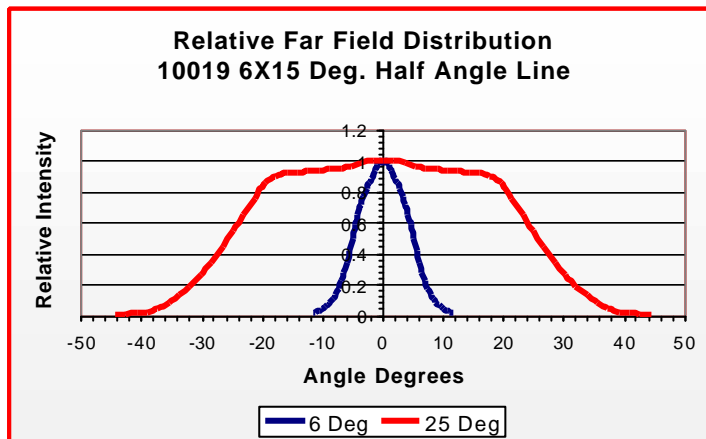
25 deg. Half Angle Collimator

Part number 10018 complete with holder



25 X 6 deg. Half Angle Collimator

Part number 10019 complete with holder



Future Developments

- We are developing a holder that can be used directly with the Lumileds starboard
- Design work is now complete on a highly efficient Collimator with 2 deg divergence
- We can custom design a front surface to give you the output required for any application
- Custom design of optical components to intergrated with LED's, be it single optics or an array
- Wide angle version available shortly
- Holders are Black PC as standard, but for orders of 5000 or more these can be moulded in any colour required, subject to additional material cost