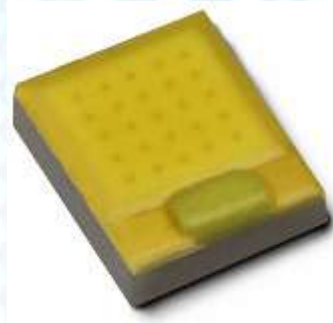
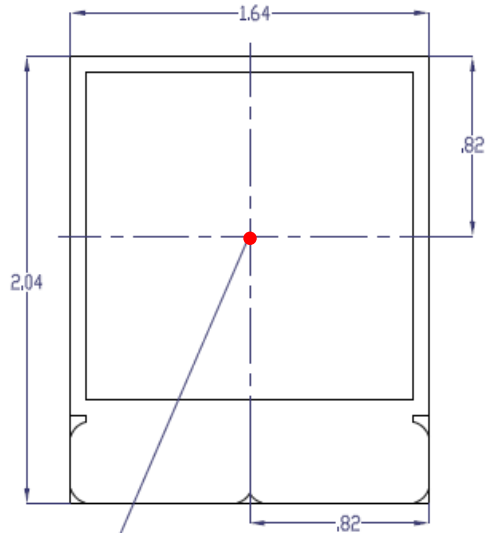


LUXEON Z ES Optical Ray File Information



LUXEON Z ES White

Location of Reference Point



Dimensions in mm

DIE CENTER

- xy centered on die center
- z-axis referenced to top of package

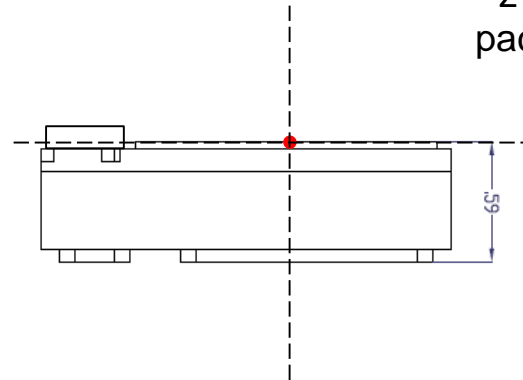


Photo 1 – top view

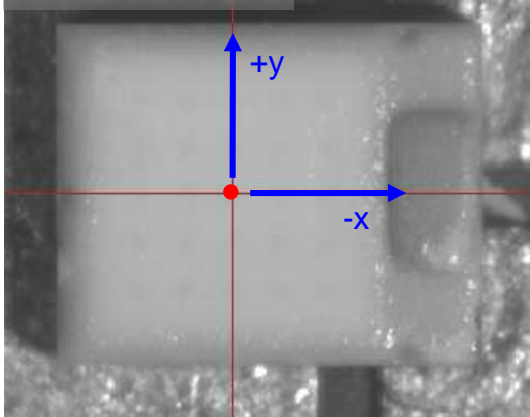
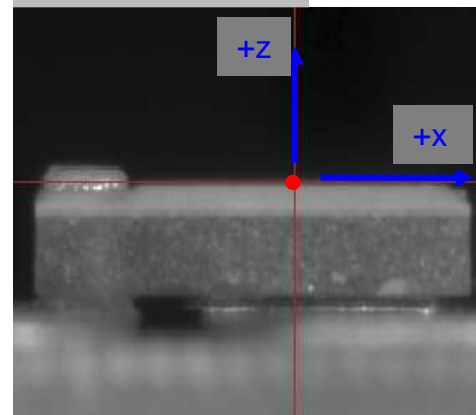
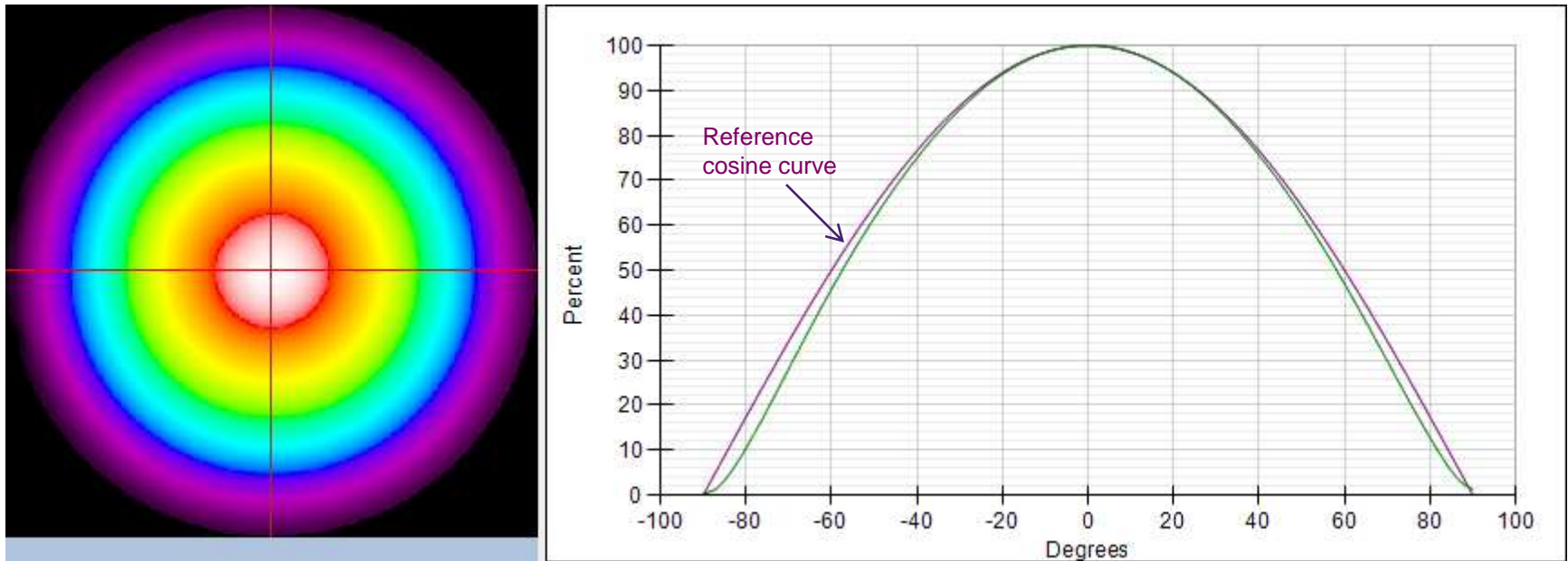


Photo 2 – side view



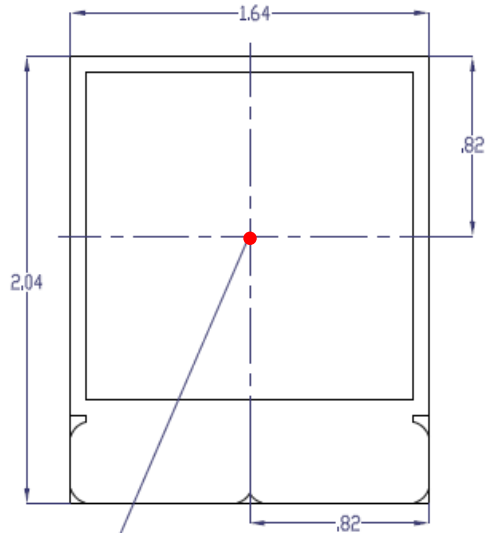
● Reference point

Radiation Pattern – Relative Luminous Intensity versus Angle



LUXEON Z ES Royal Blue (LXZ2-PR02)

Location of Reference Point



Dimensions in mm

DIE CENTER

- xy centered on die center
- z-axis referenced to top of package

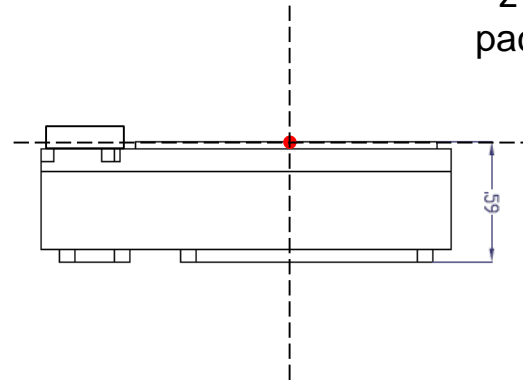


Photo 1 – top view

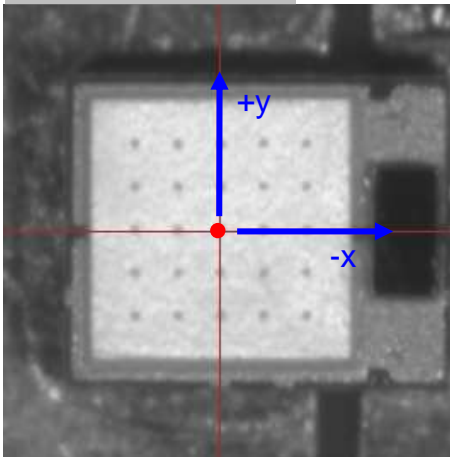
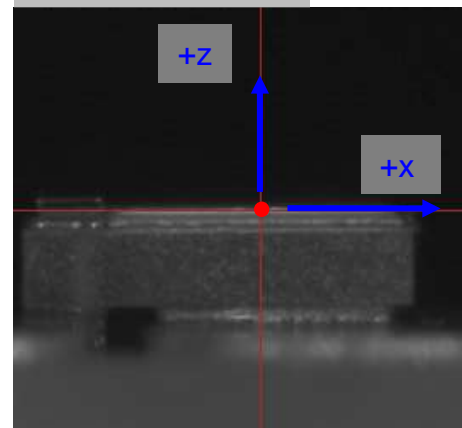


Photo 2 – side view



• Reference point

Radiation Pattern – Relative Luminous Intensity versus Angle

