



LUXEON IR 2720 Line

High power infrared emitters optimized for cost conscious applications



LUXEON IR 2720 is a line of high power infrared emitters in a reliable package design, affirming long lifetime and robustness in many types of application conditions. The LUXEON IR 2720 Line uses an industry standard footprint for ease of integration and upgrades of existing system designs.

FEATURES AND BENEFITS

Available in 850nm and 940nm wavelengths to provide optimized performance for each type of application

Radiant Power: 1300 mW (850nm) and 1250 mW (940nm) for a greater system performance

2.75mm x 2.00mm package with a 2 pad configuration that is compatible with the industry standard footprint to enable a direct upgrade in existing designs

PRIMARY APPLICATIONS

Surveillance / CCTV

Machine Vision

Biometric Identification

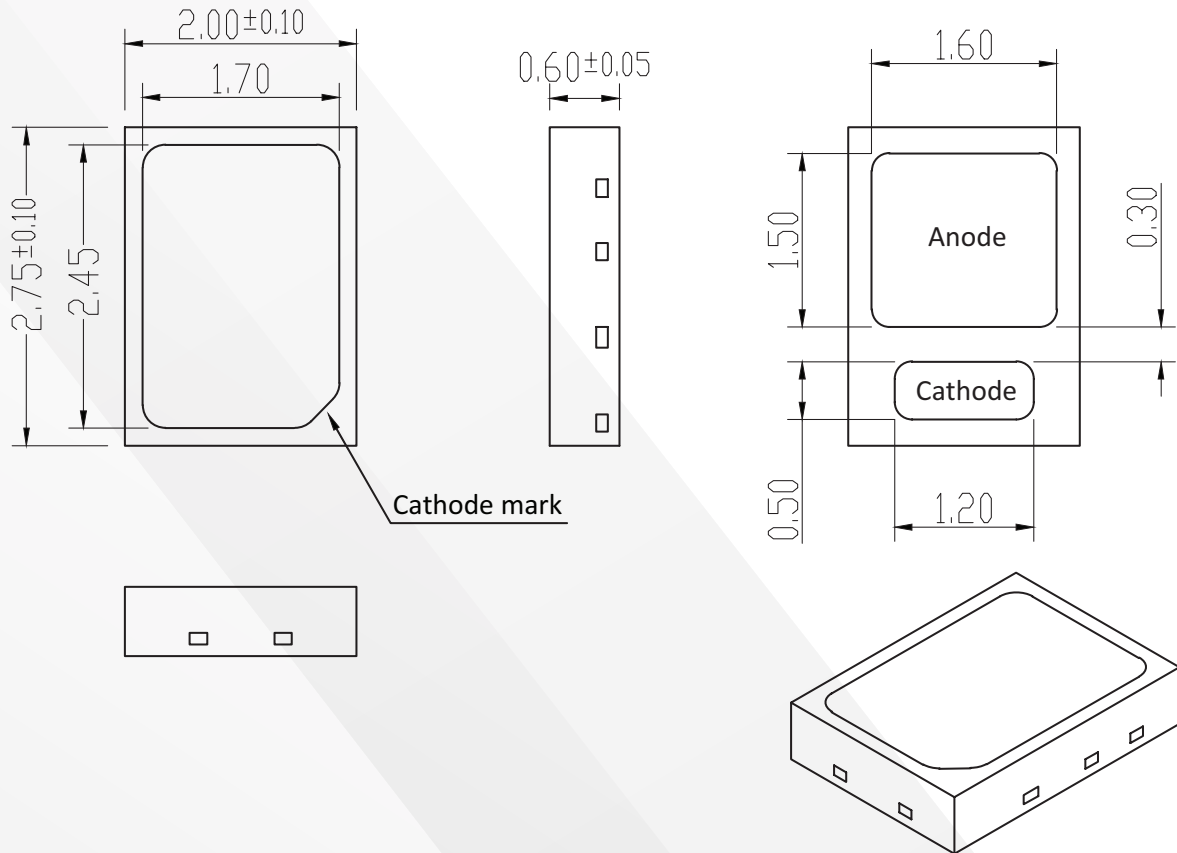
LUXEON IR 2720 Line product performance at 1000mA, T_j=25°C.

TYPICAL FWHM BEAM ANGLE (°)	RADIOMETRIC POWER ^[1] (mW)		TYPICAL RADIANT INTENSITY (mW/sr)	PART NUMBER
	MINIMUM	TYPICAL		
120	1100	1300	420	L1IG-0850000000000
120	1000	1250	408	L1IG-0940000000000

Notes:

1. Lumileds maintains a tolerance of ±7% on radiometric power measurements.

Mechanical Dimensions.



Notes:

1. Drawings are not to scale.
2. All dimensions are in millimeters.