



Description

The new Luminus SST-10 Infrared LEDs offer excellent wall-plug efficiencies combined with industry leading thermal resistance to produce a compact powerful light source suitable for the most demanding applications.

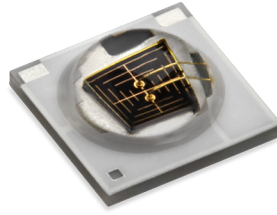
Currently available at 850nm with a 130-degree lens, the SST-10 product family will soon be available in both a 940nm version and with an 90-degree lens option for those applications in which focused light is required.

Features

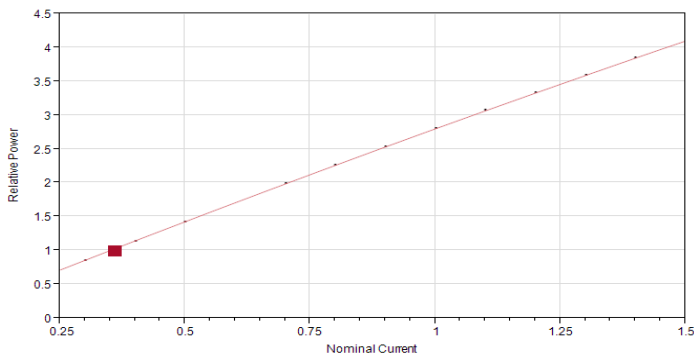
- High power density and uniform emission
- 3.5mm x 3.5mm package
- Low Thermal Resistance Package
- 130° viewing angle at 50% I_v
- 90° viewing angle at 50% I_v

Applications

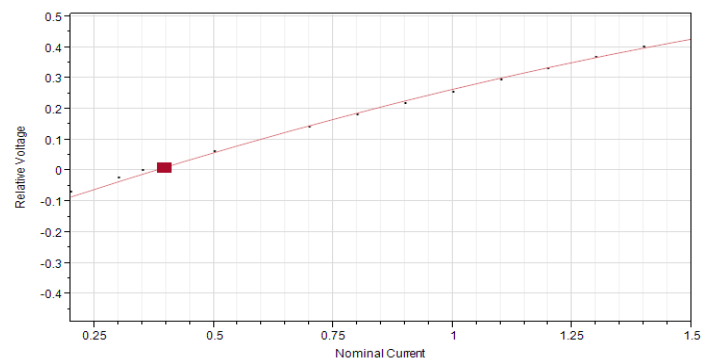
- Surveillance Systems / CCTV
- License Plate Scanning
- Automotive Sensing
- Machine Vision
- Night Vision



Relative Output Flux vs. Forward Current



Relative Voltage vs Forward Current



Peak Wavelength	Minimum Flux Bin (mw @ 350mA)	Lens Angle	Ordering Part Number
850	265	130	<i>SST-10-IR-B130-K850-00</i>
850	265	90	<i>SST-10-IR-B90-K850-00</i>
940	205	130	<i>SST-10-IR-B130-H940-00</i>
940	205	90	<i>SST-10-IR-B90-H940-00</i>

For further information



<http://www.luminus.com/products/ir>



<http://www.luminus.com/wheretobuy>

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