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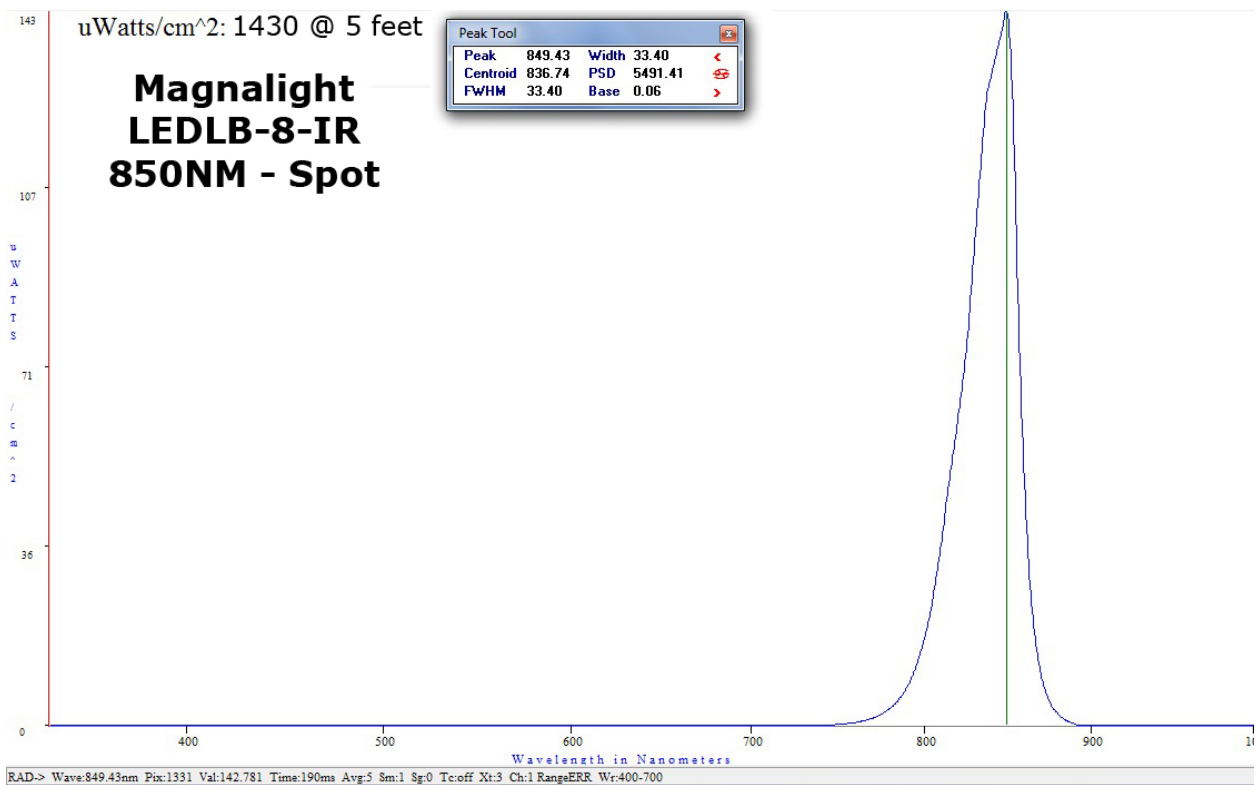
9419 E US HWY 75, Kemp, TX 75143 - P: 903-498-3363 F: 903-498-3364 E: [sales@magnalight.com](mailto:sales@magnalight.com)

Part Number: Magnalight LEDLB-8-IR-850NM-Spot

Distance: 5 Feet from lens

Equipment Used: StellarNet BLUE Wave

Wavelength: Nanometers



**Results:**

Measurement: 1430 uWatts/cm<sup>2</sup> at 5 feet from lens

Peak: 849.43nm

Centroid: 836.74nm

FWHM: 33.40nm

Width: 33.40nm

PSD: 5491.41

Base: 0.06



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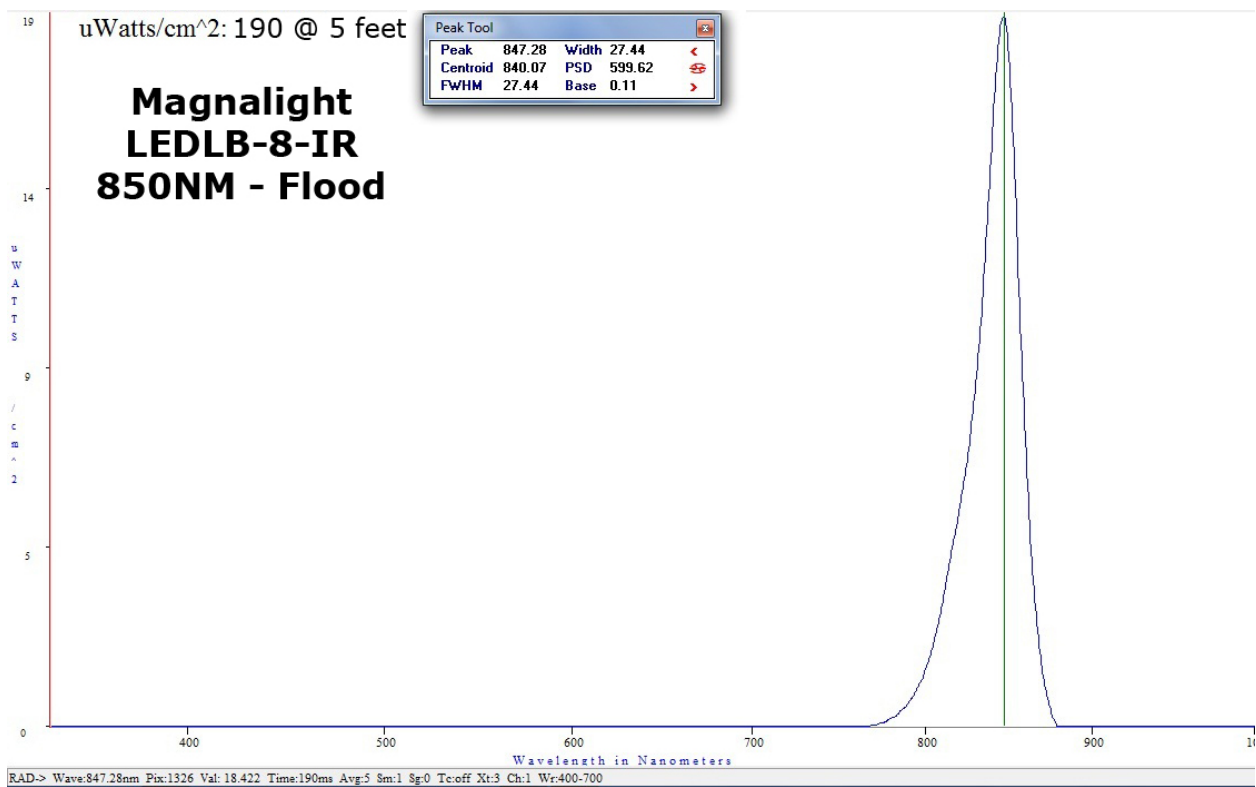
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Part Number: Magnalight LEDLB-8-IR-850NM-Flood

Distance: 5 Feet from lens

Equipment Used: StellarNet BLUE Wave

Wavelength: Nanometers



**Results:**

Measurement: 190 uWatts/cm<sup>2</sup> at 5 feet from lens

Peak: 847.28nm

Centroid: 840.07nm

FWHM: 27.44nm

Width: 27.44nm

PSD: 599.62

Base: 0.11



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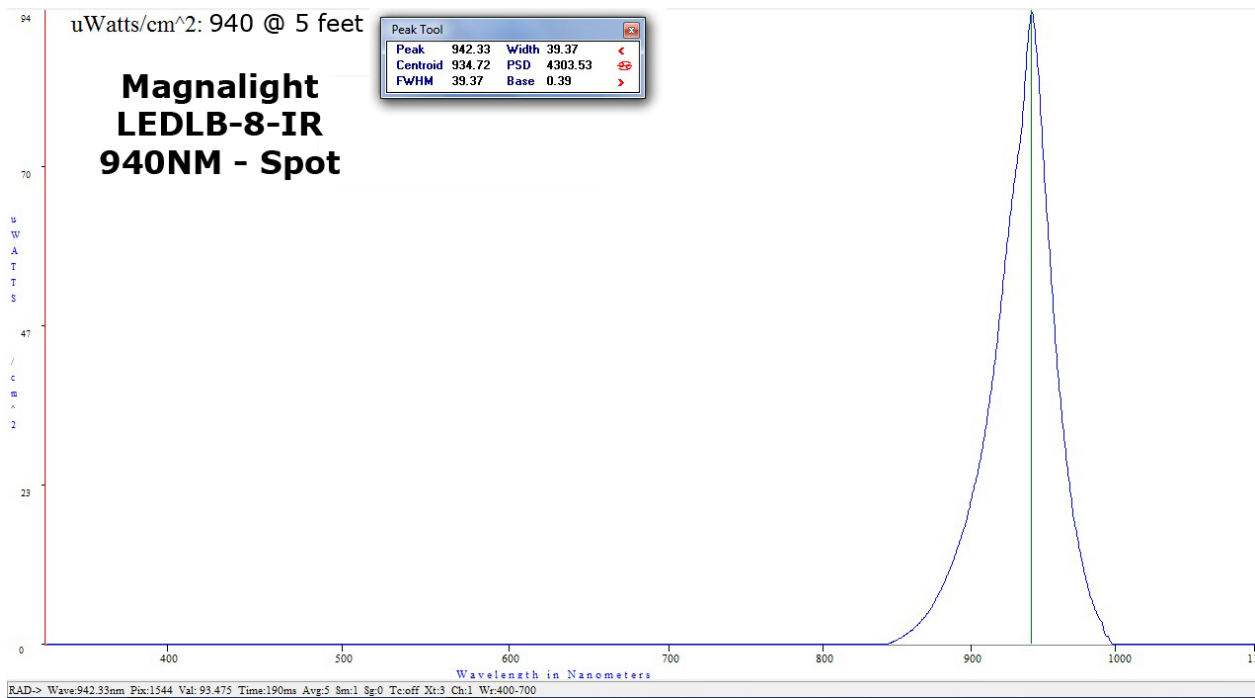
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Part Number: Magnalight LEDLB-4-IR-940NM-Spot

Distance: 5 Feet from lens

Equipment Used: StellarNet BLUE Wave

Wavelength: Nanometers



**Results:**

Measurement: 940 uWatts/cm<sup>2</sup> at 5 feet from lens

Peak: 942.33nm

Centroid: 934.72nm

FWHM: 39.37nm

Width: 39.37nm

PSD: 4303.53

Base: 0.39



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## Appendix

AreaPSD: Integral area (Power Spectral Density)

Centroid: Center wavelength of AreaPSD in nm

Peakwave: Wavelength of the tallest point

FWHM: Full Width Half Max of peak in nm

Centbase: Level used to compute AreaPSD and Centroid