



Innovative Photonics

# CERTIFIED TUNGSTEN HALOGEN LAMPS

## KEY FEATURES

- Highest Output of all Brands
- Longest Lifetime of all Brands
- Best Lamp-to-Lamp Repeatability
- Certified Efficacy
- 100% Replacement Guarantee
- 3200K & 4200K Versions
- Infrared & Extended Ranges



## HIGHEST PERFORMANCE

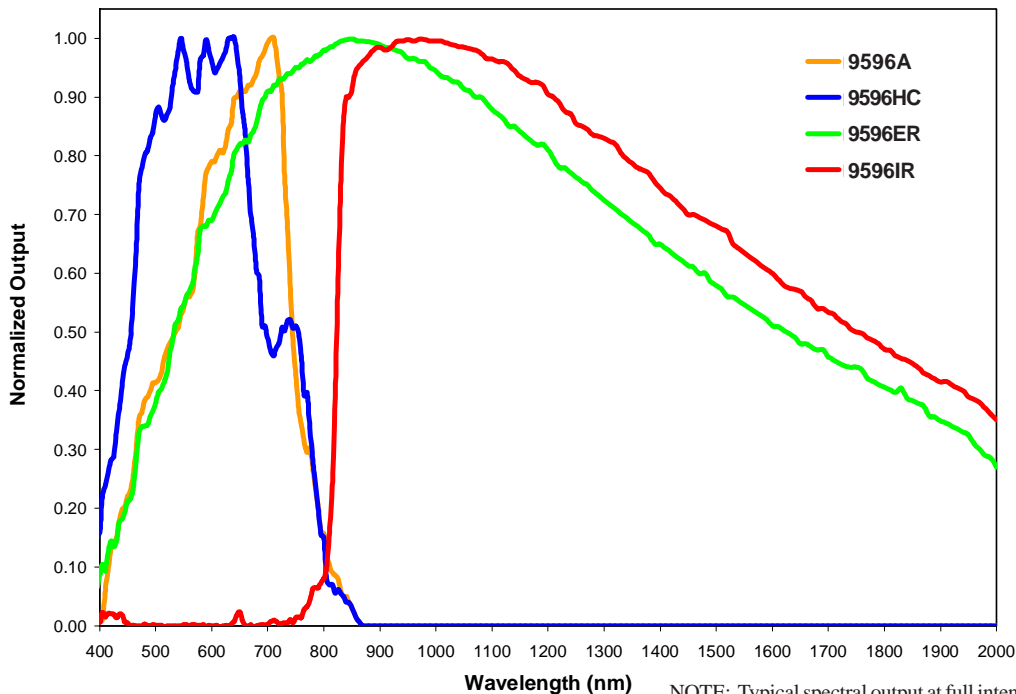
Don't trust your precision application to a bargain priced projector lamp - not all Tungsten Halogen lamps are equal. To meet the needs of an increasingly demanding set of automated and scientific applications, Illumination Technologies developed its own line of precision high performance MR-16 based lamps. These lamps are manufactured to quality and performance standards far in excess of those specified for use in standard illumination applications. Unlike all other lamps in this class, each IT certified lamp is manufactured and 100% inspected to precise performance standards for photonic efficiency and spectral output. This process ensures the user the most reproducible results, lamp after lamp, while also delivering the longest lifetime and the highest level of reliability in the marketplace today. They are so reliable that every IT lamp comes with a 100% replacement guarantee.

## APPLICATIONS

- Automated Inspection
- Biotechnology
- Medical Diagnostics
- Color Sorting
- Digital Microscopy
- Colorimetry

# SPECTRAL PROPERTIES

**Illumination Technologies Tungsten Halogen Lamps**



NOTE: Typical spectral output at full intensity through standard 12mm fiberoptic bundle. Specifications may change without notice.

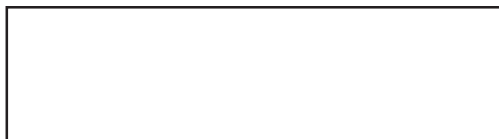
## TECHNICAL SPECIFICATIONS

Part Number	Description	Manufacturer	Photonic Efficiency (Nominal)	Spectral Repeatability (Nominal)	Typical Lifetime (hours)
9582	EKE Lamp, MR16 150W, 3200K	GE, Phillips, Ushio	70±20%	NA	200
9596A	EKE Lamp, MR16 150W, 3200K	Illumination Technologies, Inc.	100±4% *	100±4% *	500 §
9596B	EKE Lamp, MR16 150W, 3200K	Illumination Technologies, Inc.	100±8%	100±8%	500 §
9596HC	EKE Lamp, MR16 150W, 4500K	Illumination Technologies, Inc.	100±8%	100±8%	500 §
9596ER	EKE Lamp, MR16 150W, 400-2100nm	Illumination Technologies, Inc.	100±8%	100±8%	500 §
9596IR	EKE Lamp, MR16 150W, 600-2500nm	Illumination Technologies, Inc.	100±8%	100±8%	500 §

\* Guaranteed to calibrate in 4900 and CF-2000 products or full replacement

§ All Certified Lamps guaranteed to deliver this lifetime in Illumination Technologies lightsources or full replacement

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