



Innovative Photonic Solutions

Tungsten Halogen LAMPS

KEY FEATURES

- Longer Lifetimes
- Improved Repeatability
- Enhanced Spectral Output
- Certified Output Models
- Replacement Guarantee
- 3200K & 4200K Versions
- Infrared & Extended Ranges



High Performance Lamps

To meet the needs of an ever increasingly demanding set of automated applications, Illumination Technologies introduces its own line of replacement lamps. These lamps are manufactured to performance standards far in excess of those nominally specified for use in standard projector applications. Unlike any other lamps in the world, each IT certified lamp is manufactured and 100% inspected to precise photonic efficiency and spectral output parameters.

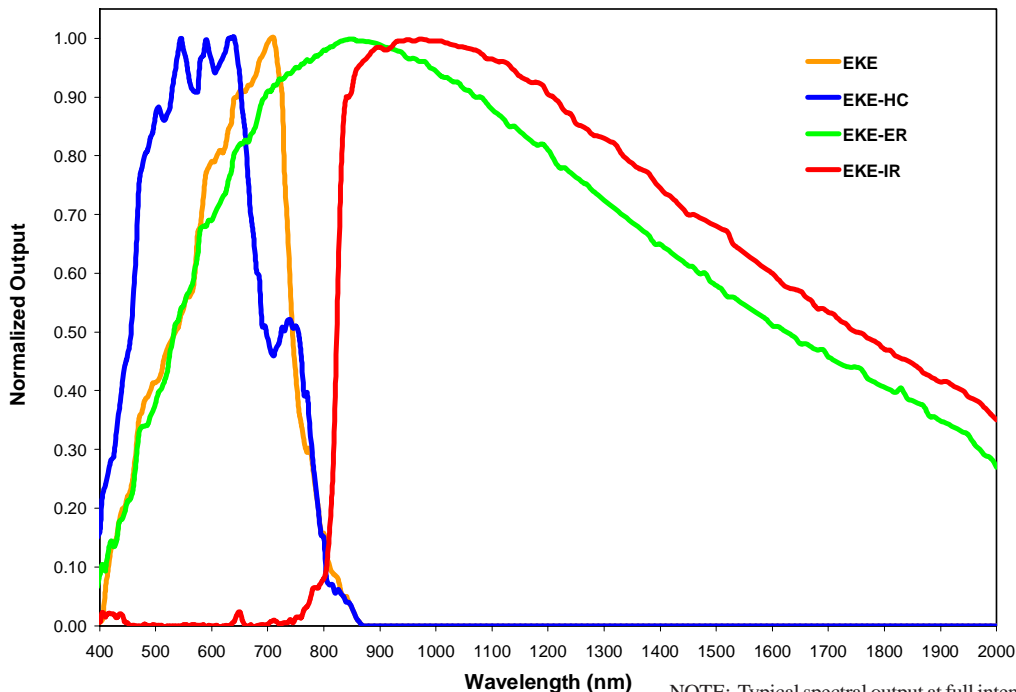
These precision manufacturing processes ensure the user the most reproducible results, while delivering a consumable with the longest and most reliable life-time on the marketplace today. When used in the IT 4900 and CF-2000 products, these certified lamps are also guaranteed to provide 100% calibration yield, and operate for 100% of their rated life - or they will be replaced free of charge.

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)	Batch Lifetime Testing
9596A	EKE Lamp, 150W "A" Certified*	Illumination Technologies†	100±4% §	100±4% §	Yes
9596B	EKE Lamp, 150W "B" Certified*	Illumination Technologies†	100±8%	100±8%	Yes
9582	EKE Lamp, 150W	GE, Phillips, Ushio	70±20%	NA	No
9586	EKE-HC Lamp, 150W Blue Enhanced	Ushio	NA	NA	No
9588	EKE-IR Lamp, 150W Infrared Enhanced	GE, Phillips, Ushio	NA	NA	No
9589	EKE-ER Lamp, 150W Full Spectrum	GE, Phillips, Ushio	NA	NA	No

* 100% tested to ensure photonic efficiency and spectral output.

† Certified lamps manufactured exclusively by large global producers to meet demanding Illumination Technologies standards for intensity, efficiency and lifetime

§ Guaranteed to work in 4900 and CF-2000 products or full replacement.

Proudly Distributed By:

ISUZU OPTICS 五鈴光學股份有限公司
 Isuzu Optics Corp.
 ADD:新竹縣竹北市台元街26號6樓之11
 TEL:886-3-5526689 FAX:886-3-5526796



Illumination Technologies, Inc.
 5 Adler Drive • East Syracuse • New York 13057 USA
 TEL: 315-463-4673 • FAX: 315-463-1401 • Toll Free (North America): 800-738-4297
 Web: <http://www.illuminationtech.com> • E-mail: info@illuminationtech.com