

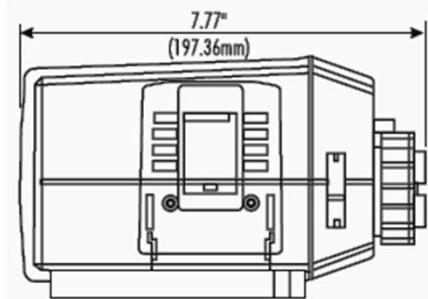
K2000 ILLUMINATOR

Millennium is the name for our K2000 fiber optic illuminator with 1000 hours of 150-watt quartz-halogen lamp life. Through a revolutionary patented optical design, KSE-Texas, Inc. is proud to offer this illuminator which extends the operating life of standard quartz-halogen lamps. K2000 increases the life of an EKE and EKE-HC lamps from 200 to 1000 hours. This 500% increase in lamp life does not compromise light intensity. The Craftsmanship and attention to detail that is required for any superior products are incorporated in this illuminator. The primary attributes of the unit are performance, durability, and dependability. The sculpted injection molded housing adds to the aesthetics appeal. The housing design utilizes state-of-the-art mechanical engineering principles that result in cooler surface temperatures, minimal fan vibration noise, and a very small footprint. These features are ideal in space constrained microscopy and machine vision applications. The K2000 also can come with the optional of an iris dimming module.

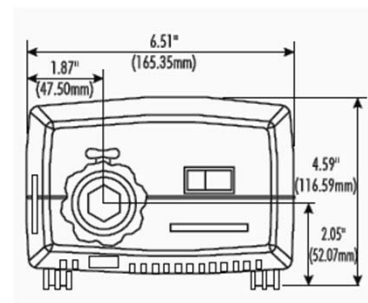


Specifications	
Relative Humidity Range:	0% to 80%; non-condensing
Input Power:	190 watts, max
Input Voltage:	100VAC, 115VAC, 220VAC, 240VAC
Lamp Types:	EKE & EKE-HC
Input Frequency:	50Hz/60Hz
Operating Temp:	0°C to 40°C (32°F to 104°F)

Side View



Front View



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Features

- 1000 hour lamp life
- Patented optical design
- World's most compact unit
- Low noise/vibration
- Internal IR filter
- Easy lamp change
- Integrated handle
- Multiple unit stacking
- Base mounting capability
- Separate on/off switch
- Soft-start circuitry to improve lamp life
- Solid state intensity circuitry with slide control
- High impact polymer housing
- Optional ESD unit
- Optional iris-dimming control for constant color temperature
- Optional color filters, utilizing 25mm x 2.5mm diameter
- IEC power input connector



Replacement Bulbs	
EKE	21V, 150 Watt
EKE-HC	150 Watt

Adapters	
11081187	0.187" Nosepiece
11081250	0.312" Nosepiece
11081562	0.562" Nosepiece
11081588	0.588" Nosepiece
11081625	0.625" Nosepiece
11081718	0.718" Nosepiece

Mounting Hardware Kits	
11171000	Mounting Kit
10181000	Mounting Bracket (includes mounting kit)

Diffusers	
31753964	25mm

Filters	
11081005	Filter Holder
39663060	Red (620nm), 25mm
39663533	Green (533nm), 25mm
39663460	Blue (460nm), 25mm
39663052	Yellow (520nm), 25mm
39663120	Daylight Correction, 25mm
SP289	Color Filter Kit (Includes 2 Filter Holders)

