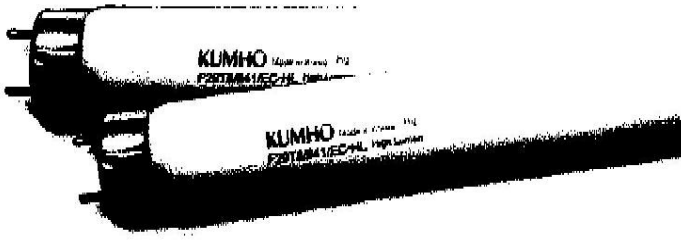
KUMHO ELECTRIC USA, INC.

Advanced Lighting Technologies

SEQUOIA™

New Super-Life T5 Lamp Lasts Four Times Longer Than Other Premium Brands



Kumho Electric's technological edge on backlight displays has been leveraged to create a new series of T5 lamps that outperforms and outlives the competition -- hands down. Using state-of-the-art technology to inhibit lumen depreciation and a patented filament design first incorporated in top-of-the-line back-lit units, Sequoia's lifespan has been increased from the 24,000 hours typical for premium T5s to over 100,000* hours of good, solid operation.

The implications in terms of costs savings are significant:

- Considering the lamp's longevity, the cost of re-lamping with Sequoia is less than half that of other premium brands.
- Maintenance is dramatically reduced since it is only necessary to replace the lamps every 100,000 hours. HID or other T5s would require 3 or 4 replacements over the same time period.

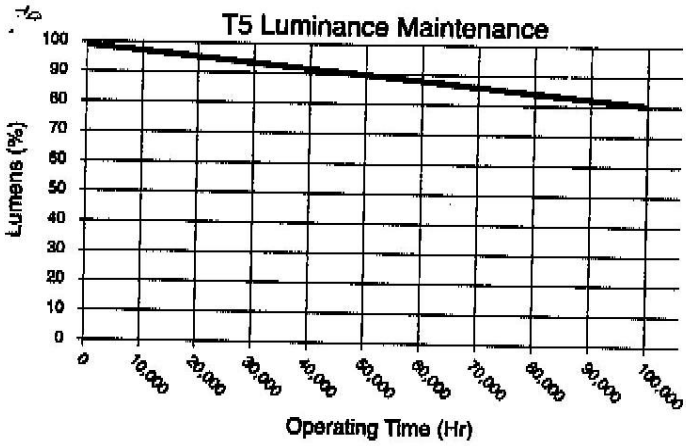
And all this is accomplished without compromising light output levels or color rendering. No other product in the market today can make and substantiate this claim.

Huge Energy Savings

T5 lamps are perfect for high-intensity luminaires, optimized for areas with high ceilings, which makes them an ideal replacement for high-bay metal halides in factories, warehouses, sports arenas or other commercial areas.

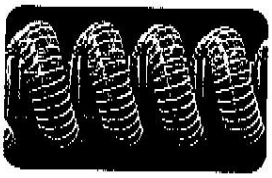
Using a programmed-start ballast, the lamps do not require warm-up time to achieve full luminosity, making it practical to control them with occupancy sensors and significantly reduce energy usage.

But the most dramatic savings come directly from lower wattage: compared to metal halides, Sequoia T5s with the same lumen output operate at around 200 watts – this is half of the 400 watts typically required by metal halides.



One Lamp, Many Options

Sequoia T5 lamps are available in several color temperatures, providing a range of options for different applications.



Special Filament Technology Used in the Sequoia T5

Specifications

	Watts	Nom Length Inch/mm	Order Code	Description	Case Qty	3 hr-start Program Start Rated Life	Lumens Initial	Lumens Mean	Color Temp Kelvin	CRI
F54T5HO	54	45.2/1130	455830	F54T5HO/830/SQ	40	100,000	5000	4400	3000	>82
F54T5HO	54	45.2/1130	455835	F54T5HO/835/SQ	40	100,000	5000	4400	3500	>82
F54T5HO	54	45.2/1130	455841	F54T5HO/841/SQ	40	100,000	5000	4400	4100	>82
F54T5HO	54	45.2/1130	455850	F54T5HO/850/SQ	40	100,000	5000	4400	5000	>82