



Illumination Technologies

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PRODUCT DISCONTINUATION NOTICE: 9596IR Lamp

The 9596IR lamp is being discontinued, effective immediately. Existing blanket orders will be filled, and in special cases volume users may reorder these lamps.

In all other cases the 9596ER lamp will replace the 9596IR lamp the following applications: 3900IR, 4900IR, CF1000-IR, CF2000-IR, CF1000-IRIS-IR, and CRF2000-IRIS-IR.

Reasons for the Change:

- 1) The newly developed 9596ER lamp now surpasses the output of the older 9596IR lamp in all wavelengths. The total flux for this lamp is more than 150% of that of the older IR unit, and more closely approximates the CIEA Plank spectral distribution standard.
- 2) The 9596ER has a newly designed coating technology that is more robust over time. This design improvement was critical to ensuring spectral stability and overall flux maintenance over the lifetime of these much higher temperature infrared lamps. This newer design further helps reduce catastrophic failure including coating degradation and reflector cracking.
- 3) Originally designed more than ten years ago, our 9596IR lamp design is based on a gold-coated reflector technology, and the cost of these reflectors has more than tripled in the past five years. Analyzing the higher cost, lower output, and reduced reliability made for an easy decision.

FAQs

Q) Can I use the 9596ER lamp in my 3900IR lightsource? What is the difference in a 3900ER lightsource?

A) Yes, every 3900IR lightsource has an 800nm long pass filter inside. This filter sits in front of the lamp. In the 3900ER lightsource there is NO filter.

Q) If we use the ER lamp in the 3900IR unit, will we get the same amount of infrared light? Will the spectral quality be the same?

A) No, you will actually get about 50% more light than before. The spectral quality will be identical, and it will remain more stable over time.

Q) Can I use ER lamps in all applications where I have previously use IR lamps?

A) The ER lamps should replace IR lamps in all applications. The ER lamp provides more energy, is more stable over time, and provides reduced cost for every application.

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