

# TROJANUV HIGH OUTPUT AMALGAM LAMPS GUARANTEED DISINFECTION



Performance of your TrojanUV system is independently validated and is guaranteed for life – when you use Genuine TrojanUV high output amalgam lamps.

Your TrojanUV system was designed for End of Lamp Life (EOLL) - meaning the number of UV lamps installed at your plant was carefully selected to

ensure the required UV dose gets delivered throughout the lamp's entire lifespan of 12,000 hours (1 year = 8,760 hours).

If non-TrojanUV (non-Genuine) lamps are installed in your system, disinfection performance and permit compliance are at risk (see Figure 1).

## CHART LEGEND

1. Your **TrojanUV system** is designed for a high EOLL
2. Even when new, **non-Genuine** lamps have lower levels of output
3. Even if non-Genuine lamps continue to turn on after 1 year, the UV output is so low, disinfection is severely at risk
4. UV output measured while lamps are **dimmed** reveals further inefficiencies in non-Genuine lamps
5. **Additional power** is needed to try to deliver the required UV dose using non-Genuine lamps

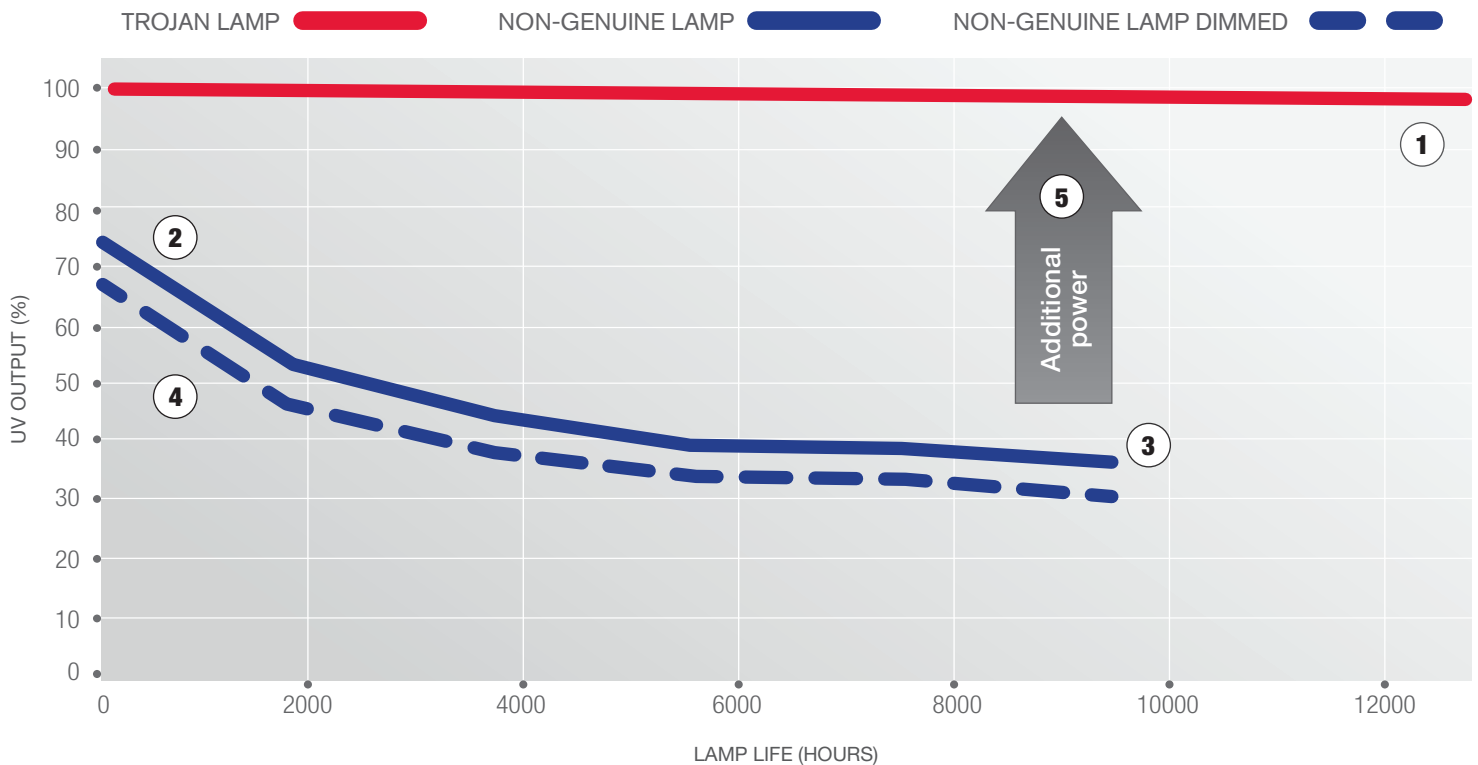
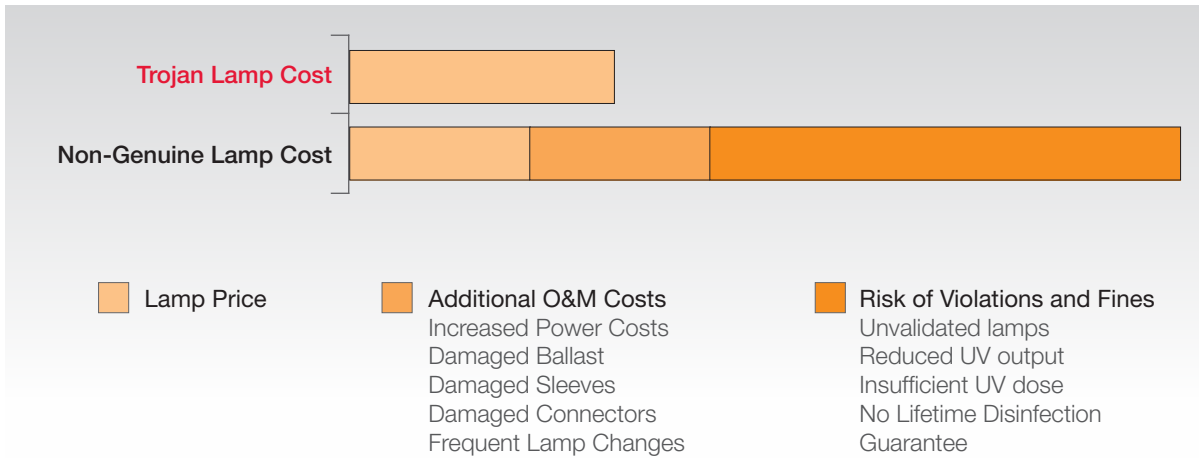


Figure 1: TrojanUV vs. Non-Genuine Amalgam Lamps

Source: GAP EnviroMicrobial Services, Dec. 2011  
Testing done in accordance with industry protocols (NWR1). Lamps are aged and tested in water tanks to simulate real-world operating conditions and third party witnessed.

# TOTAL COST SAVINGS

## HOW MUCH DO NON-GENUINE LAMPS REALLY COST?



Use of Non-Genuine lamps will void safety certifications (UL, CSA etc.) and damage other system components such as connectors, lamp plugs and ballasts leading to even higher O&M costs and increased maintenance.

## THE BOTTOM LINE

### Non-Genuine Lamps

Actual disinfection performance and long-term compatibility are unknown, unpredictable, risky, potentially dangerous and ultimately more expensive.

### Genuine TrojanUV Lamps

Ensure disinfection and maintain your warranties and Lifetime Performance Guarantee. Operate your UV system as engineered/designed and maintain specified UV dose.

### Don't risk permit compliance.

Contact your local TrojanUV Representative or visit <http://www.trojanuv.com/getgenuine> to contact our Client Services / After Market Parts Team.



**GET GENUINE.**

*"If it's not a Genuine Trojan part, it shouldn't be part of your Trojan system."*