



Original Hanau The Original - gold coated!



Working with chemical elements during development, production and improvement of the Original Hanau products is the main competence of our company's history. It is the most important part of the work with high-pressure UV lamps at Original Hanau.

Therefore we use the highest quality of precious metals, which can be found on our planet. This time the excellent high-pressure UV lamps from Original Hanau are refined with pure gold.

Because of its purity and its particular characteristics (gold reflects infrared radiation very well) it is very suitable to improve the high-pressure UV lamps in the customer's interest - longer lifetime and optimized function.

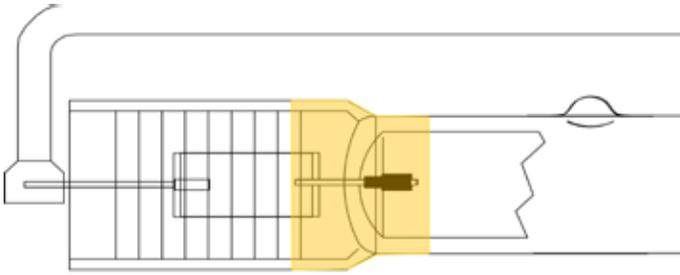
The gold coating does so not only look good . It also provides an added value, which is an experience for all - especially studio manager and tanning bed users

That added value is demonstrated in our UV guarantee of Original Hanau. Finally, the products of Original Hanau deliver UV output at a high level over the complete lifetime. This will strengthen the tanning salons because customers can rely on the best tanning results.



Gold coating refined purity

The components of a high-pressure lamp are always tuned finely to the intended operation conditions. The mixture and the operating pressure of the illuminated gas adjust themselves by reaching the operating temperature. They determine the emitted spectrum - the amount of UV-A and UV-B radiation, which is finally emitted.



Gold coating optimally at every temperature

The gold coating supports the cold electrodes to come on temperature by reflecting the thermal radiation.

But it does not harm the hot electrodes as the gold coating regresses above the optimum temperature .

As a result, the finished lamp automatically adjusts to the encountered operating range and allows the operation, for example, in a wider dimming.



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Gold coating improved lifetime

Both electrodes transmit electrical power and keep the discharge sustaining . Its temperature and sizing is critical for the lifetime and efficiency of the radiator.

- If the electrodes are too massive and the lamp is greatly dimmed , they remain too cold. But cold electrodes are worn excessively by the current.
- If the electrodes are, however, too delicate or the lamp is overloaded, the electrodes become too hot and steaming excessively from .

In both cases, the electrode consumption leads to the darkness of the lamp or even failure of the electrodes. This shortens the lifetime and efficiency greatly .

Gold coating UV-Output guaranteed

The high quality products are manufactured from Original Hanau with the highly complex methods and the highest quality materials .

With the gold coating on our lamps you can see it and due to our UV guarantee you can feel it, too. Original Hanau products provide a UV-Output on a high level during their complete lifetime.

After 700 hours of operation, MagicSun tanning lamps still deliver 80% of their original UV-Output*
After 600 hours of operation, NewColors tanning lamps still deliver 70% of their original UV-Output*

* UV-Output refers to 20h value.

Gold coating products

Exklusive Lösungen im Hochdruckbereich

Typenbezeichnung	IdentNr	Leistung (W)
OH M 30/50 E G	80041256	300 - 500
OH N 24/50 EF	45006544	400

