

LED Leuchten aus China.

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Hello Ernst

According to my experience, the normally LED tube will lose brightness when long time goes. That is the common LED tubes' behavior. but there is a way to identify it.

As these Aquarium LED lamps, they will reduce the power of the LED cell to protect them for a long life. The seller said the Aquarim LED lamps can last 30 thousand hours without LED failure(the lamp gets darker). As I known, the Aquarium LED all are reduced to 0.33 watts per LED cell, but the LED cell is 0.5 watts rated power. That LED is the larger sized LED, it was called the 5730 LED in China for its size length 5.7mm and width 3.0mm. But the normally LED tubes use 2835 LED cell (length 2.8mm width 3.5mm) it might be 0.5 watts per LED cell, it has a short lifespan.

I am using a bare LED panel, no cover on it for my waterlily seedlings, it seems no problem.

Best Regards

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