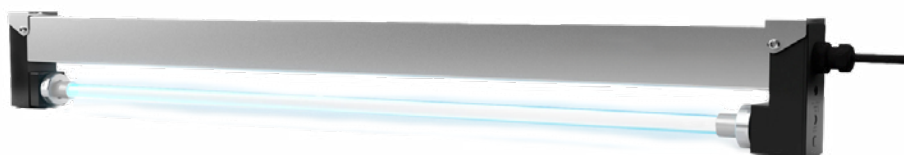


UV Lamp Series AR Replacement Tubes/Maintenance



General Information

The built-in UVC tubes in the AR series have an average service life – or operational lifespan – of 16.000 operating hours. Although the actual burn time is approximately 25.000 hours, the effectiveness is no longer guaranteed beyond 16.000 hours. Additionally, the burn time is reduced by approximately one hour per switching cycle.

We therefore recommend performing a monthly UV-C intensity measurement after 12 months. Hold the sensor against the surface of the lamp while doing so. Wear safety goggles and protective gloves.

Since UV measuring instruments usually have different spectral sensitivities, absolute radiation intensity readings in mW/cm^2 are not always directly comparable. However, the relative drop in power can be measured very effectively this way, and it should be less than 35%.

Replacement Tubes for AR Series

Model	Description	Power
AR 300	UV-C tube ST1 300	13 W
AR 400	UV-C tube ST1 400	18 W
AR 600	UV-C tube ST1 600	29 W
AR 810	UV-C tube ST1 810	40 W
AR 1000	UV-C tube ST1 1000	50 W
AR 1200	UV-C tube ST1 1200	61 W
AR 1500	UV-C tube ST1 1500	77 W

Safety Instructions

Work on the device must only be performed when it is de-energized.

Ensure that the device is always unplugged before removal or installation.

Whenever replacing the lamp, check the rubber sealing rings on the lamp base for fine cracks and permanent deformation, and replace them if necessary.

Insert the spotlight fully into the 4-pin connector until it bottoms out.



Danger from UV radiation

Never look at the UV-C light without safety glasses or a face shield (not even for a few seconds). Protect your eyes and skin from the UV light!



Danger from electrical voltage

The power connection to the emitters is made at one end. The current for the second, opposite cathode is routed via a wire located on the outside of the emitters. Therefore, never touch emitters that are igniting or already ignited.



Replacement emitter for lamp series AR