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## Information about OSRAM-Industry-ECGs for T8- und T5-lamps

Since 25 years, OSRAM-ECGs convince well known large-scale consumers in the entire world with highest reliability. Meanwhile, 400 million OSRAM-ECGs have been installed worldwide. Leading luminaire manufacturer recommend OSRAM-ECGs for installation in industry applications.

Why? **OSRAM-Professional-ECGs** typically reach a lifetime of 100,000 hours and significantly more. That's because of their sound thermal management in luminaires and temperature limits given by OSRAM being rather conservative. The OSRAM standard of 50,000 hours ECG-lifetime at  $t_c$ -operation with a maximum failure rate of 10 % became therefore accepted as the state of the art. Leading luminaire manufacturer allow a 5 K to 10 K buffer to the  $t_c$ . This, and the high reliability of OSRAM-Professional-ECGs (QTP8, QTP5) for T8/26-mm-lamps and T5/16 mm-lamps, got well established with large-scale consumers.

Carmakers like BMW and Mercedes specify and install OSRAM-ECGs since decades. Currently, **OSRAM-Professional-ECGs** have reached operating hours of even significantly over 150,000 hours.

Due to experience, also with ECGs of other manufacturers, carmakers, such as BMW, VW, Audi, Mercedes etc. approve only certain, extremely reliable ECGs:

- OSRAM-Professional-ECGs for T8/26-mm lamps and T5/16mm lamps, or
- Special „Industry-ECGs“ of other manufacturers

Based on such good customers' experiences, OSRAM had introduced the 3+5 year system<sup>+</sup> guarantee some years ago. In the meantime, over 5 million OSRAM-ECGs have been registered.

Profit from this guarantee: Any ECG, which has failed because of a material or manufacturer's fault within its first 5 years, will be refunded.

Further information about many years of customers' experience with **OSRAM-Professional-ECGs**, as well as product information about our industry ECGs for T8/26-mm lamps and T5/16mm lamps, please find under the following links:

[www.osram.com/qtp8-application](http://www.osram.com/qtp8-application)

[www.osram.com/qtp8](http://www.osram.com/qtp8)

[www.osram.com/qtp5](http://www.osram.com/qtp5)