

Ms./ Mr.

Ihre Zeichen/Nachricht vom

Unsere Nachricht vom
13.08.2010

Unsere Zeichen
PL TLS / TCS

OSRAM GmbH

Frequent switching of fluorescent lamps

The following recommendation is for operation of **OSRAM fluorescent- and compact fluorescent lamps in combination with OSRAM-ECGs combined with motion sensors, stair case timer switches and other timer switches.**

The following lamps can be used with OSRAM-ECGs in applications with high switching cycles. Minimum "ON" time should be 3 minutes before switching "OFF" to improve the lamp's life.

Lamp ECG	Fluorescent lamps linear T5 HE, HO, HO CONSTANT	Fluorescent lamps linear T8	DULUX pinbase, (4 pin) S/E, D/E, T/E, L, F, T/E CONSTANT, L CONSTANT
QTi DALI DIM	✓	✓	✓
QTi DIM	✓	✓	✓
QTi	✓	✓	✓
QTP5	✓		
QT-FIT8		✓	
QTP-DL			✓
QTP-D/E, T/E			✓
QTP-M	✓	✓	✓

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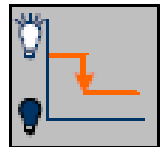
Registergericht:
München HRB 4151
WEEE-Reg.-Nr. DE 71568000

Comments:

1. Using staircase timer switches with switch-off early warning, may result, depending on the ECG-family, either in an instant lamp start (instant light on again, no lamp pre-heat) or to a prolonged off-time (about 1 sec. light off) during the blinking / warning sequence. Instant start can significantly reduce the lamp's life.

2. Amalgam lamps (HO CONSTANT, DULUX CONSTANT) can be frequently switched with above mentioned ECGs. It should be noticed that longer run-up times (to reach maximum luminous flux) can appear when switching on after a longer off time. This has no negative impact on the lamp life.

3. For better comfort and safety, we recommend reducing the light level with or without switching-off completely. Please use OSRAM DALI MULTleco for DALI-ECGs and OSRAM DIM MULTleco for 1...10 V dimmable ECGs. The remaining light level can be adjusted to 10 %, 30 % or 50 % depending on demand. The increase or decrease of the light level can be done manually by pushbutton or automatically by presence detection.



4. Using fluorescent lamps with dimmable ECGs, burning-in of lamps has to be done at 100 % power. Interruptions during burning-in time are permitted. We recommend 100 hours burning-in time, to enable perfect lamp operation and maximum lamp life.

Best performance and results are always guaranteed with OSRAM Systems as confirmed in the OSRAM System⁺ Guarantee.

For further details, please contact your OSRAM representatives.

With kind regards,

OSRAM
Gesellschaft mit beschränkter Haftung