

# Frequent switching QUICKTRONIC

# Frequent switching cycles for FL and CFL yesterday and today

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Historically a minimum of 15 to 20 minutes lamp operation in a switchstart circuit was required in order to avoid reducing lamp life.

Recent measuring results with both linear T5 and T8 and compact fluorescent lamps DULUX® show that with a very good preheat for the cathode an ignition/running time of as little as 1 minute will not cause reduction in lamp life.

Depending on preheat OSRAM QUICKTRONIC® ECG, a high or even a very high number of lamp switching cycles\* is possible.

- Over a period of 5 years, OSRAM T8 fluorescent lamps in combination with OSRAM QUICKTRONIC® QT-FIT8 can be switched up to 30 times a day.
- If a greater switching cycle is required, up to 60 switching cycles per day over a 5 year period, we recommend OSRAM T5 fluorescent lamp with an OSRAM QUICKTRONIC® T5-ECG.
- For the most frequently switched installations we recommend OSRAM DIM-ECG, with this combination several 100,000 switching cycles are possible when using OSRAM T5 and T8 FL or CFL DULUX® lamps and OSRAM QUICKTRONIC® DIM-ECG package.

\* A minimum of 1 minute operation time per switching cycle required

# Frequent switching of fluorescent and compact fluorescent lamps

Only 1 minute minimum burning time required, not to reduce lamp life

| ECG-Type \ lamp      | Linear fluorescent lamps T5 HE, HO, HO CONSTANT, HE ES, HO ES | Linear fluorescent lamps T8 | DULUX® (4 pin) D/E, T/E, T/E CONSTANT, F, L, L CONSTANT |
|----------------------|---|-----------------------------|---|
| QTi DALI DIM         | +++   | +++                         | +++   |
| QTi DIM              | +++   | +++                         | +++   |
| QTP OPTIMAL          | ++  | ++                          | ++  |
| QTi Gen II           | ++  | ++                          | ++  |
| QTP5 Gen II          | ++  |                             |   |
| QT-FIT5 / QT-FIT 5/8 | ++  |                             |   |
| QT-FIT8              |   | +                           |   |
| QTP D/E, T/E         |   |                             | ++  |
| QTP-M                | ++  | ++                          | ++  |

+ 30 switching cycles per day // ++ up to 60 switching cycles per day // +++ up to 200 switching cycles per day

