

DMMS IEC 61347-1:2015+AMD1:2017 Ed.3.1 -Lamp controlgears - Part 1: General and safety requirements

Scope

This part of IEC 61347 specifies general and safety requirements for lamp controlgear for use on d.c. supplies up to 250 V and/or a.c. supplies up to 1000 V at 50 Hz or 60 Hz. This standard also covers lamp controlgear for lamps which are not yet standardized. Tests dealt with in this standard are type tests. Requirements for testing individual lamp controlgear during production are not included. Requirements for semi-luminaires are given in IEC 60598-1:2014 (see definition 1.2.60). Particular requirements for controlgears providing safety extra low voltage (from now on SELV) are given in Annex L. It can be expected that lamp control gear which comply with this standard will not compromise safety between 90 % and 110 % of their rated supply voltage in independent use and when operated in luminaires complying with the safety standard IEC 60598-1 and the relevant part IEC 60598-2-xx and with lamps complying with the relevant lamp standards. Performance requirements may require tighter limits.