



Brussels, 22 July 2009

**M/449 EN**

**STANDARDISATION MANDATE ASSIGNED TO CENELEC IN THE FIELD OF THE LOW VOLTAGE DIRECTIVE 2006/95/EC FOR SAFETY STANDARDS TO ENSURE SAFE INTERCONNECTION OF PRODUCTS OF PROTECTION CLASS I, II, AND III, ESPECIALLY LUMINAIRES LIKE LIGHTING CHAINS AND GARDEN LIGHTS**

**1. PURPOSE**

- To amend Harmonised European standards with the objective to ensure safe indoor and outdoor-operation of Class I, II, and III products, when operated with each other at the same time, especially luminaires like lighting chains and garden lights. To address similar problems that may arise in other product categories.

**2. RATIONALE**

There are lighting chains, garden lights, luminaires for children and similar electric systems for 12 V as well as for 230 V on the market which can be unintentionally interconnected thus posing a serious risk of fire, electric shock, burns and injuries. Furthermore there is a particular risk of overload due to the possibility of unlimited interconnections of system elements.

Current Harmonised European Standards and notably EN 60598-1 do not foresee safeguards to avoid such interconnections. They hence do not ensure safe interconnection in foreseeable conditions of use and should be modified. In addition, there is a need for clarification regarding the protection against ingress of dust and moisture.

Similar connection systems for other products also exist (garden fountains pumps, electric systems for dolls houses). Such product categories should therefore also be addressed by Harmonised European Standards.

**3. DESCRIPTION OF THE WORK TO BE MANDATED**

CENELEC is requested to:

- (1) Ensure that European standards and notably EN 60598-1 contain technical solutions to avoid unsafe interconnections and chaining so as to ensure safe indoor and outdoor-operation of Class I, II, and III products, when operated with each other at the same time, especially luminaires like lighting chains and garden lights

- (2) Address similar problems that may arise in other product categories.
- (3) Ensure that these standards adequately address risks related to the ingress of dust and moisture.

**4. EXECUTION OF THE MANDATE**

2 months after acceptance	Time schedule for the execution of the mandate to be provided to the European Commission
8 months after acceptance	A full work programme of standard(s) to be developed to be provided to the European Commission
24 months after acceptance	Adoption of standard(s) for listing in the Official Journal of the European Union

Under this mandate CENELEC should take due account of the defects or problems that have been found for these products by market surveillance authorities.

Where appropriate, alignment with equivalent activities planned and already undertaken in IEC should be ensured.

Due account should be taken of regulations and draft regulations adopted in other economies so as to ensure a global market for equipment.

Acceptance of this mandate by the responsible standardisation organisation starts the standstill period referred to in Article 7 of Directive 98/34/EC of the European Parliament and of the Council of 22 June 1998

The titles of the standard(s) developed shall be forwarded to the Commission in the official languages of the European Union.

**5. ORGANISATIONS TO BE INVOLVED**

As appropriate, CENELEC will invite the representative organisations of consumers' interests (ANEC), environmental protection (ECOS), workers (ETUI-REHS), small and medium-size enterprises (NORMAPME) and market surveillance authorities to take part in the standardisation work.