



Declaration of ESD Safety

Manufacturer: Glamox AS

Address: Bruksveien 7
2260 Kirkenaer
Norway

Product: GlamoxLuxo ESD approved magnifier

Product name: Wave LED ESD
KFM LED ESD

We declare that above listed products are tested against standard IEC 61340-5-1:2016 and are ESD-safe upon delivery. If maintained according to the instructions provided, they will remain ESD-safe.

All main parts have a surface resistance between $50 \times 10^3 \Omega$ and $1 \times 10^9 \Omega$. Glass lens have a surface resistance $> 1 \times 10^9 \Omega$. According to standard the discharge rate from 15kV to 1kV are measured to $< 20\text{sec}$ measured at a distance of 30mm. The normal distance of an ESD sensitive component is $> 150\text{mm}$.

Our magnifiers are categorized as tools, machines, dispensing equipment, and test equipment. The construction of such type of equipment shall, according to EN 61340-5-1: 2016, not generate or hold back any type of electrical potential.

We have evaluated the lens discharge rate against the disadvantage of reduction of lens quality by use of a conductive coating and concluded that the discharge rate is preferred and acceptable for this kind of equipment.

According to EN 61340-5-1: 2016, ESD coordinator is responsible for evaluation of the sensitivity level of components used in an ESD protected area. The discharge level of lens shall be a part of this evaluation.

Kirkenaer 26.02.2018

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