INSTRUCTION MANUAL







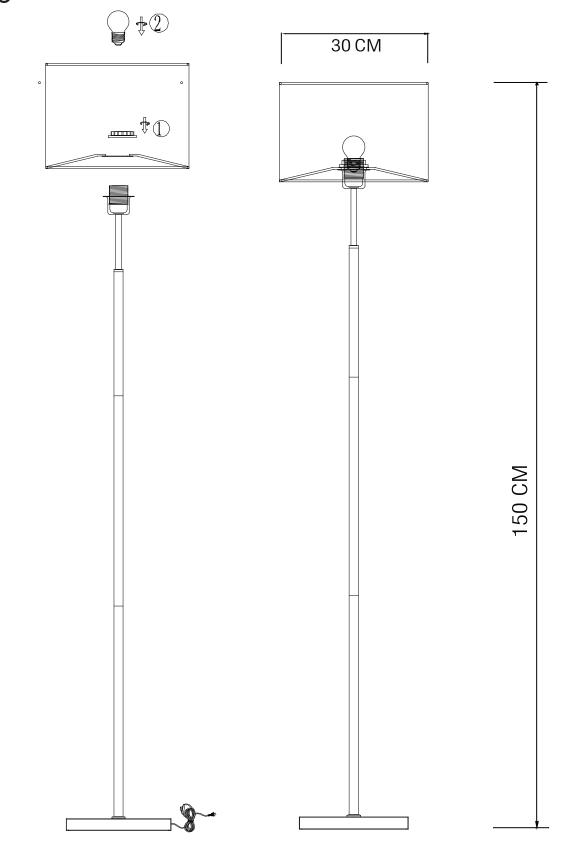








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SAFETY INSTRUCTION

Please study the instruction manual and below information carefully before installing or using this product. Please keep this user manual for further reference

- 1. The luminaires may only be installed by authorized and qualified technicians according the valid regulations for electrical installation.
- 2. Maintenance of the luminaires is limited to their surfaces. During maintenance no moisture can come into contact with any areas of the terminal connections or voltage control parts.
- 3. The electrical supply must be switched off at the outset, preferably by means of a switch in the distribution box, before any installation, maintenance or repair work is undertaken.
- 4. Exterior lighting must not be installed during rain.
- 6. Take account of the minimal separation distance from other objects and the room required around the fitting.
- 7. If in any doubt, consult a professional, taking local installation requirements into account. Some countries stipulate that lighting may be installed only by registered installers.
- 8. Clamping screws in electrical connections must be adequately tightened. This is particularly the case with 12V low voltage conductors.
- 9. When replacing a halogen lamp, wait for it to cool, for a minimum of 5 minutes.
- 10. Clean with a clean, dry cloth or brush, use no solvents or abrasives. Avoid dampness on all electrical components
- 11. Take account of all available technical information.
- 12. Take note of the symbols when connecting wires:

N = Neutral L = Live = Earth

- 13. Meaning of symbols:
 - For indoor use only, where direct contact with water is impossible
 - IPXX This icon indicates the level of water-proof and dust-proof
 - Protection Class I: the fitting must be earthed
 - Protection Class II: the fitting is doubled insulated and does not require earthing
 - Protection Class III: the fitting is low voltage
 - Minimum distance from lighted objects (meters)
 - Only the self-shielded halogen lamp should be used with the luminaire
 - Strip the wire to the indicated length (mm); different items require different length
 - Connect using the specified cable; different items require different cables
 - The type of lamp and maximum size and wattage indicated in each lighting unit must not be exceed; different items require different kind of light sources with different bulb icons
 - The armature is designed to work only with the indicated voltage. Different items require different working voltage.
 - The luminaire can be used in combination with a dimmer
 - The reference light angle and light space of the luminaire
 - This luminaire cannot be disposed together with normal domestic waste in standard rubbish can, but you have to bring it to a staging area for electrical waste



