

Assembly/operating instructions for linovum ceiling spotlight NUHA

1. Intended use

Dieses Produkt dient nur Beleuchtungszwecken und darf:

This product is for lighting purposes only and:-can be installed indoors and outdoors / protection type IP44, suitable for use in damp areas- must not be exposed to strong mechanical loads or heavy soiling - may not be operated after damp or dirty storage until after a condition check - may not be changed or modified, otherwise the operating permit and conformity will expire with immediate effect! It is not allowed to remove the type plate.

▲ If the aforementioned points are not observed, a short circuit or electric shock may occur! **There is danger to life!**

2. General safety instructions

▲ The complete installation may only be carried out by an authorized electrician who is familiar with the applicable guidelines. Hereinafter referred to as „qualified electrician“.

▲ For safe handling of the product, the user must have read and understood the installation/operating instructions completely before using the device for the first time.

▲ The product may only be used if it is alright. If the device or parts of it are defective, it must be repaired by a qualified electrician.

▲ Only use lamps/light sources approved by the manufacturer. The max. lamp wattage in watts is not allowed to be exceeded.

▲ This product is not a toy and is not allowed to be stored or used within the reach of children.

▲ Safe operation of the product is only guaranteed if these instructions are followed. Therefore, keep these assembly/operating instructions. linovum GmbH accepts no liability if the instructions given here are not followed or the lamp is subjected to improper use.

3. Assembly & configuration

▲ **Caution:** The connecting cable must be disconnected from the power supply before starting work (switch off the main switch/fuse!) Only use parts which are supplied with the product or which are clearly marked as equipment! Otherwise the product may not be sufficiently safe!

▲ When drilling, pay attention to cables and gas and water lines.

3.1 Assembly location

The product is suitable for installation on ceilings and walls. The product may only be mounted on a stable, tilt-resistant and level surface. Do not cover the product under any circumstances, especially not with insulating material! Fire hazard!

▲ Components of the luminaire and especially the lamps/light source become hot during operation. Especially in the case of halogen lamps/light source. Keep a sufficient distance (0.5 m) from easily flammable objects (e.g. curtains, drapes, etc.) and flammable materials (ignition temperature < 250°C)

4. Operation, bulb replacement, faults & disorders

▲ **Caution:** Disconnect the connecting cable from the power supply before replacing lamps/light sources! Halogen lamps/light sources become very hot during operation - risk of burns! Therefore, do not touch the protective glass or the reflector! Allow to cool down before replacing! Do not cover! There is a risk of fire when covering (e.g. with towel)! Lamps with protective cover may only be operated with complete protective cover!

▲ Never look directly into the light source!

What to do in case of error?

In case of an error, the device must be switched off immediately. The product may only be operated if it works correctly. The device may only be put back into operation after it has been checked by a qualified electrician! This is the case if: 1. there is visible damage, 2. the product is not working correctly, 3. there is smoke, steam, or audible crackling noises, 4. overheating can be detected.

▲ **Caution:** There is a danger to life - repairs to the product or work on parts carrying mains voltage may only be carried out by qualified electricians.




Avoidance of disturbances and fire hazards:

It is not allowed to cover the product under any circumstances. Air circulation must be ensured. Nothing may be attached or hung on the product, especially no decoration.








5. Cleaning & care instructions

The product may only be wiped dry or carefully with a slightly damp and lint-free cloth. The product is not allowed to be removed for this purpose. Do not use abrasive or sharp objects or aggressive cleaning agents. Do not use solvents.

6. Technical data & assembly instructions model NUHA

NUHA    Can be used indoors and outdoors	1. Disconnect the connection cable from the power supply. Fig. 1	Typ: Ceiling spotlight
	2. Remove the base plate (towards the ceiling) from the housing by turning the base plate anti-clockwise. Use the base plate to mark the drill holes. Drill the holes in the ceiling and insert the dowels. Fig. 2	Models: NUHA white NUHA black
	3. Guide the connecting cable through the sealing disc (the plastic seal on the base plate) and secure the base plate with the screws. Fig. 3	Protection type: IP44
	4. Connect L, N and, if necessary, earth of the connection cable to the connection terminal. Fig. 4	Voltage: 220 bis 240 Volt 50 Hertz
	5. Insert the GX53 bulb into the base. Ensure that the contact pins are in the correct position and secure the bulb by turning it clockwise. Fig. 6	Material: Aluminium
	6. Screw the housing together with the tension spring onto the ceiling plate. Fig. 5 & 7	Socket: GX53
	7. Press the LED light source with the tension spring into the housing. Make sure that the tension spring and the base do not become wedged / jammed inside.	Surface: Coated
	8. If necessary, screw the front cover back onto the housing. Fig. 8	Measurements: Ø 90 mm / height 60 mm
	9. Switch on the voltage again. The product is now ready for use. Fig. 9	Protection class: I
		Colour: White or black
		Max. power: 15 W

7. Notes / explanations & legend

The following applies to all models	Notes on use indoors & outdoors	Disposal instructions
 Disconnect the device from the mains power before starting any work	▲ Protection type IP2X: Use only indoors and dry, i.e. do not use in damp or dirty rooms and in areas of high humidity.	 Make sure to dispose packaging in accordance with the applicable guidelines of your local authority. Devices marked with the crossed-out waste garbage do not belong in the household waste! You are obliged to hand in these devices at one of the free collection points in your municipality. You can obtain more information from your local authority, the relevant town hall or a local or regional waste disposal company.
 Protection class I	▲ Protection type IP5X & IP6X: Can be used indoors and outdoors.	
 Installation only by qualified electrician	 Onlineshop: www.linovum.de	▲ Keep packaging material and small parts away from children and animals. Danger of suffocation!
 Distance to illuminated objects min. 0.5m	 Satisfied with your product? Then we look forward to your product review in our online store, on Amazon or eBay!	

