

Assembly/operating instructions / technical data for recessed light IP44

1. Intended use

This product is for lighting purposes only and: - be mounted radiating downwards only - 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.  
⚠ This product is not a toy and is not allowed 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!  
⚠ The cable routing shown in the illustrations is for simplified purposes only. They in no way represent a recommendation for connection! The connection may only be carried out by a qualified electrician.  
⚠ When drilling, pay attention to cables and gas and water lines. Always route the cable so that it does not touch the light.

3.1 Assembly location

The product is suitable for installation in suspended ceilings. The product may only be installed on a stable, tilt-resistant and level surface. The minimum distances must be observed! Sufficient air circulation must be ensured! **Do not cover the product under any circumstances, especially not with insulating material! Fire hazard!**

⚠ Components of the light become warm during operation. 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 power supply before replacing lamps or light sources! Allow to cool down before replacing! Do not cover! Covering with (e.g. towel) may cause fire! Lights with protective covers may only be operated with complete protective covers!

⚠ 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.

Technical data variant not dimmable 3,5W

Type:	Recessed light not dimmable
Protection type:	IP44
Voltage:	220-240V / 50-60Hz
Material:	Plastic
Light source:	LED module fixed, not changeable
Cutout:	68-74mm
Measurements:	Ø 85mm (round)   85x85mm (square)
Power & luminous flux:	3,5W (330lm)   3,5W (360lm)
Colour temperature:	Warm white 2700K   neutral white 4000K
Installation depth:	28mm

Technical data variant not dimmable 6,5W

Type:	Recessed light not dimmable
Protection type:	IP44
Voltage:	220-240V / 50-60Hz
Material:	Plastic
Light source:	LED module fixed, not changeable
Cutout:	68-74mm
Measurements:	Ø 85mm (round)   85x85mm (square)
Power & luminous flux:	6,5W (560lm)   6,5W (640lm)
Colour temperature:	Warm white 2700K   neutral white 4000K
Installation depth:	28mm

Technical data variant SMART

Typ:	Recessed light smart
Protection type:	IP44
Voltage:	220-240V / 50-60Hz
Material:	Plastic
Light source:	LED module fixed, not changeable
Cutout:	68-74mm
Measurements:	Ø 85mm (round)   85x85mm (angleux)
Power & luminous flux:	6,5W (max. 450lm)
Colour temperature:	RGB
Einallation depth:	28mm

Short declaration of conformity / frequency band and transmitting Power

linovum GmbH hereby declares that the radio equipment type „Tuya Smart WiFi GU10 Lamp“ is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity can be found at the internet address [www.linovum.de/doc](http://www.linovum.de/doc).  
Frequency band in which the radio system is operated: 2412 - 2483.5 MHz,  
max. transmitting power: +17 dBm

Technical data variant not dimmable 5W

Type:	Recessed light not dimmable
Protection type:	IP44
Voltage:	220-240V / 50-60Hz
Material:	Plastic
Light source:	LED module fixed, not changeable
Cutout:	68-74mm
Measurements:	Ø 85mm (round)   85x85mm (square)
Power & luminous flux:	5W (450lm)   5W (500lm)
Colour temperature:	Warm white 2700K   neutral white 4000K
Installation depth:	28mm

Technical data variant dimmable 6,5W

Type:	Recessed light dimmable
Protection type:	IP44
Voltage:	220-240V / 50-60Hz
Material:	Plastic
Light source:	LED module fixed, not changeable
Cutout:	68-74mm
Measurements:	Ø 85mm (round)   85x85mm (square)
Power & luminous flux:	6,5W (540lm)   6,5W (570lm)
Colour temperature:	Warm white 2700K   neutral white 4000K
Installation depth:	28mm

Assembly instructions

1. The connection line must be disconnected from the power supply before starting work.
2. Measure out the cutout (Ø see table of technical data) and cut it out. **Fig.1**
3. Connect the connecting cable of the light to the mains cable. (e.g. luster terminal). **Fig.2 + Fig.3.a**
4. Push the spring clips upwards and insert the light into the cutout. **Fig.3.b + c**
5. Suitable for ceilings 3-20mm thick. **Fig.4**
6. Make sure that the product cannot fall down after assembly!
7. The product is now ready for use.

Reference to the Smart Life app

To use the full range of functions of our smart light sources, you need the Smart Life App.

You can find detailed information installation, setup and use of the app at [www.linovum.de/smart](http://www.linovum.de/smart).

