

## Cleaning

Wipe the appliance with a damp cloth. Do not use aggressive or chemical cleaning agents. These would result in damage to the appliance.

## Disposal



**Under no conditions should the appliance be disposed of with normal household waste!**

Dispose of the appliance through an approved disposal centre or at your community waste facility. Observe the currently applicable regulations. In case of doubt, please contact your waste disposal centre.

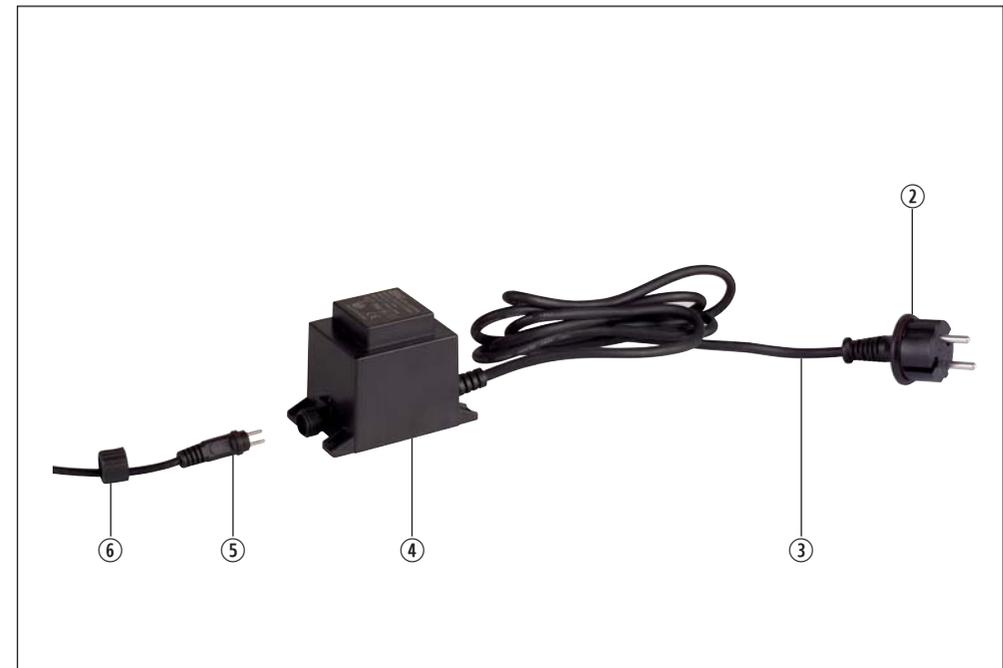
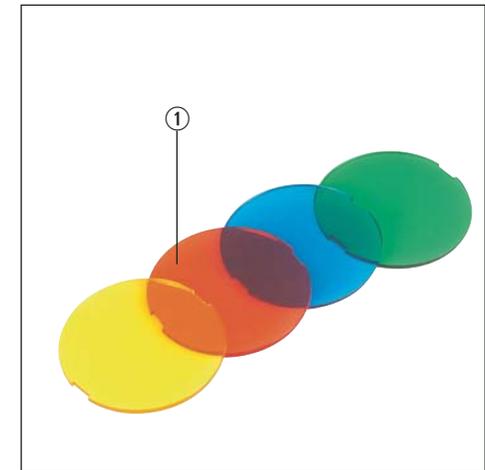
## Service

**GB DES Ltd**  
 Units 14-15  
 Bilston Industrial Estate  
 Oxford Street  
 Bilston  
 WV14 7EG  
 Tel.: 0870/787-6177  
 Fax: 0870/787-6168  
 e-mail: support.uk@kompernass.com

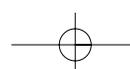
**IRL Kompernass Service Ireland**  
 c/o Irish Connection  
 41 Harbour view  
 Howth Co. Dublin  
 Tel.: 087-99 62 077  
 Fax: 18398056  
 e-mail: support.ie@kompernass.com

## GB IRL Low Voltage Halogen Spotlight KH 4098

Operating instructions



Kompernaß GmbH · Burgstr. 21 · D-44867 Bochum  
 www.kompernass.com  
 ID no.: KH4098-10/06-V3



## Safety instructions

### **⚠ Danger of injury**

- Connect the appliance only to correctly installed mains power sockets with a supply voltage of 230 V~ at 50 Hz.
- In the event of operational malfunction and for cleaning, always remove the power plug from the wall socket.
- Always remove the power cable from the socket by pulling on the plug, not on the power cable itself.
- Do not crease or crimp the power cable and lay it in such a way as to prevent anyone from stepping on or tripping over it.
- Should the power cable or the appliance become damaged, you must have them repaired by qualified specialists before using them again.
- Always keep the appliance beyond the reach of children. Do not allow children to use it.
- The appliance may not be operated in or next to swimming pools. Risk of injury!

### **⚠ Attention**

- Always remove the plug from the wall socket before removing the halogen lamps.
- Allow the halogen lamps to cool down before removing them.  
The halogen lamps will become very hot. There is a danger of being burnt!
- Do not use extension cables!
- The maximum submersing depth for the underwater lamps amounts to 0,5m. Do not submerge them any deeper. The appliance would be irreparably damaged.

- Take steps to ensure that the transformer cannot fall into the pond or water container. The appliance would be irreparably damaged.
- The flexible power cable of the transformer cannot be exchanged. Should the power cable be damaged, the transformer must be exchanged as a complete unit.
- In exterior areas only use power sockets of the protection class IPX4.

### Intended use

The low voltage Halogen spotlight is intended for the illumination of gardens or garden ponds. It is intended exclusively for private usage, not for commercial purposes!

### Items supplied

3 Halogen spotlights  
Cable  
12 Colour discs  
(3x red, yellow, green and blue)  
Power transformer  
Operating instructions

### Technical data

Mains voltage: 230 V~ / 50Hz  
Light bulb : 12 V, 10 W, Type MR11  
Power transformer: Spraywater protected  
Protection class: II ☐

Plug of the protection type: IP44  
Lamps of the protection type: IP68

## Description of the appliance

- ① Colour discs
- ② Power plug
- ③ Power cable
- ④ Transformer
- ⑤ Connecting plug
- ⑥ Coupling nut
- ⑦ Cable
- ⑧ Underwater lamp
- ⑨ Lamp cover
- ⑩ Outer race

### Commissioning

#### Assembly

1. Insert the connecting plug ⑤ into the transformer ④.
2. Slide the coupling nut ⑥ onto the connecting plug ⑤ and screw it tight.

#### Placing the coloured disc

1. Lay the slot of the coloured disc ① on one of the two securing hooks of the underwater lamp ⑧.
2. Carefully press the coloured disc ① down on the opposite side until it audibly engages.
3. If you wish to exchange the coloured disc ①, lightly press a securing hook outwards and at the same time press the coloured disc to the side.

#### Placing the underwater lamps

Ensure that a mains power socket is in the close vicinity.

- ☞ Place the underwater lamps ⑧ as desired.

The underwater lamps ⑧ can be operated both in and out of water.

- ☞ Align the underwater lamps ⑧ with the assistance of the 5-stage pivoting device.
- ☞ Insert the power plug ② into a wall power socket.

In permanent installations we recommend that the transformer ④ is fastened down with the fixing holes.

### Changing bulbs

1. Turn the outer race ⑩ of the underwater lamp ⑧ in the direction of the arrow (anti-clockwise).  
You can now remove the outer race ⑩.
2. Remove the transparent lamp covering ⑨.
3. Pull the halogen lamp, complete with the housing, upwards.
4. Holding the housing firmly, carefully pull the halogen lamp, complete with reflector, out of the housing.
5. Insert the new halogen lamp into the housing and then press both of them back down again.

**ⓘ NOTE:** Ensure that the sealing ring is not displaced.

6. Lay the lamp cover ⑨ onto the underwater lamp ⑧.
7. Place the outer race ⑩ on the underwater lamp ⑧ such that the tenons fit into the rebates of the outer race ⑩. Turn the outer race ⑩ in a clockwise direction until tight.