

UV JUNIOR 150

14041960

Rated power output	150W
Protection class	IP67
Protection type	I
UV lamp	LIH 150/220 code 14041961
UV transparent glass	Code 14041966
Line voltage	230V

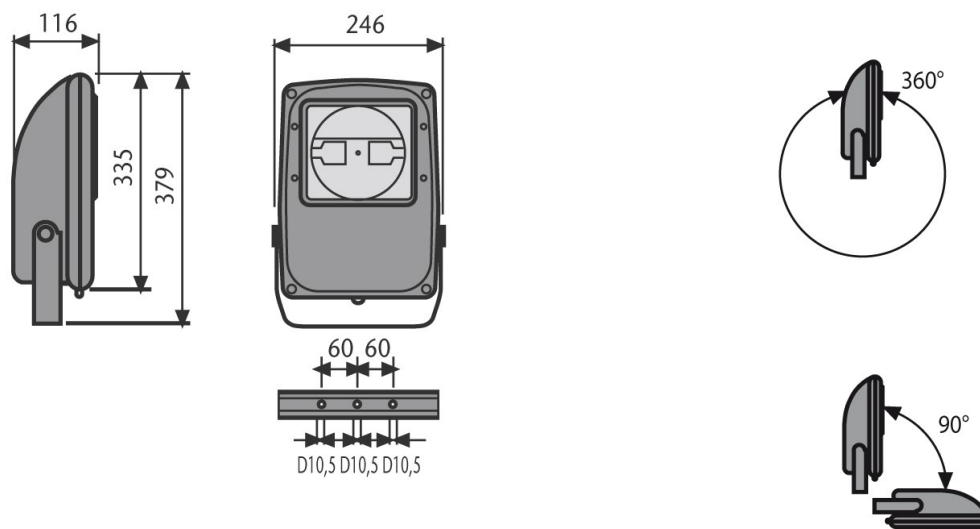


Fig. 1 Dimensions

• Safety considerations for people and animals

- UV radiation may cause serious burn injuries to people (sunburn) depending on their skin type. Protect your skin wearing appropriate clothing and wear glasses with protective lenses. UV JUNIOR is not certified for medical treatment of human beings.
- A veterinarian must define time t and exposure level E for exposed animals.
- We recommend providing a switch off timer.
- Exposure ($H = E \times t$) defines the radiation effect.
- We recommend starting exposure of animals with very small doses.
- Always provide a minimum distance of 0.8 m between projector and exposed surface.

• **Installation guide:**

- Select a distance between UV JUNIOR and objects in its environment considering the selected application as well as UV sensitivity and temperature sensitivity of the exposed animals.
- Fix UV JUNIOR in a manner that prevents it from damage caused by the exposed animals.
- Install the floodlight according to the technical requirements for the UV lamp.
- The luminaire may be fixed to flammable surfaces.
- For fixing the UV JUNIOR we recommend using M8 bolts, spring lock washers and nuts.
- Turn off the voltage before opening the floodlight.
- Broken front screens have to be replaced immediately; use original LIH screen (code 14041966).
- Safe operation of UV JUNIOR can be guaranteed only if all operating instructions will be applied.
- Keep this manual after installation for later reference.

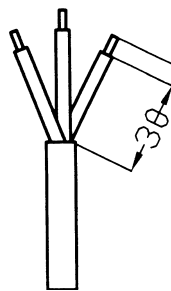
• **Fitting and replacement of the UV lamp**

- For fitting or replacement of the UV lamp detach the cover.
- Remove existing bulb by lateral pressing.
- Position and fix the UV lamp in the RX7s socket.
- Make sure that the UV lamp contacts are tight.
- Change the special glass screen only if it is defective. When closing the cover make sure that the frame seal is integrated correctly.
- Then tighten the 4 bolts fixing the cover.

• Electrical Connections

- Connection to power supply: bipolar cable and grounding:
L = line cable brown
N = neutral cable blue
grounding cable yellow green
- Run the supply cable through the cable clamp and lock it under the cable holder. Install cable clamp at cables with 9...12 Ø. Close ring carefully and fix it with two bolts of 10 mm Ø. Strip cable ends as shown in figure 2.

Fig. 2



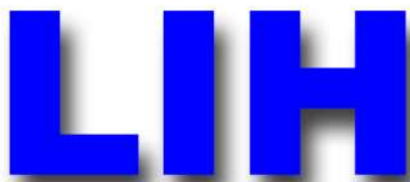
- Each cable must be connected to the connector block and locked safely.
- When all cables are connected, make sure that there is no bare copper protruding out of the clamps.

WARNING!

Never spray cold water on the protective screen while it is still hot, as this will cause damage to the screen!

Always switch off the UV Master and allow it to cool off before cleaning it!

Failure to comply with these warnings may result in severe burns and rupture of the protective screen!



LIH Light Impex Henze GmbH
Bgm.-Schwaiger-Straße 43
D-85567 Grafring bei München
Tel.: +49/(0)8092 709957
Fax: +49/(0)8092 709958
GERMANY
info@lih.de - www.lih.de