

Safety Instructions

WARNING



The lamp is under high internal pressure. Do not drop, hit, apply excessive stress or scratch the lamp. Otherwise it could cause injury by broken glasses.



Do not cover the lamp with paper, cloth or other combustible materials nor operate it in close proximity to such materials. Otherwise it could cause a fire.



Use the lamp with the specified wattage in appropriate equipment (lamp house.) Otherwise it could cause breakage or overheating of the lamp house.



Operate the lamp in the position indicated. Otherwise it could cause breakage or overheating of the lamp house.



Turn off the electrical power before installing, removing, or cleaning the equipment. Otherwise it could cause electrical shock.

CAUTION

- Do not touch the lamp while it is operating or immediately after it is turned off because it is extremely hot. Otherwise it could cause a burn. (Exchange or clean the lamp after it is cooled off completely.)



Do not handle the lamp with bare hands or stained gloves. If operated with stains, it could cause breakage, a fire, or injury.



Operate the lamp in equipments with protective shield (shield frontglass) in order to prevent scattering of glass fragments if the lamp breaks. Otherwise it could cause a fire, a burn, or injury.



Keep the lamp out of reach of children. Otherwise it could cause suffocation by swallowing the lamp or injury by breakage.

- Do not operate the lamp under conditions where the lamp is hit by rain, water drops or where its humidity is high. Otherwise it could cause insulation failure, breakage or injury by lamp falling.
- Do not paint the lamp. Otherwise it could cause overheating or a fire.
- Do not operate the lamp in an atmosphere containing inflammable substances, such as gasoline, inflammable spray, thinner, lacquer or dust. Otherwise it could cause a fire or explosion.
- Fix the lamp firmly to the socket. Otherwise it could cause the lamp to drop from equipments, injury by breakage, or overheating.
- Operate the lamp in the specified voltage. When operated in higher voltage, it could cause the base to break off, equipment to overheat, breakage or injury by lamp falling.

- Do not give shock or vibration to the lamp. Otherwise it could cause breakage or injury by lamp falling.
- Do not operate the lamp in an atmosphere containing corrosive material such as acid. Otherwise it could cause injury by electrical leakage, fire, fall or breakage.
- Do not operate the lamp in a dusty atmosphere. Otherwise it could cause a fire, explosion or overheating.
- Use the exclusive lamps for fishery/luring application. Otherwise it could cause injury by breakage.
- Do not look closely at the lamp while it is operating. Otherwise it could cause eye injuries.
- Do not operate the lamp by series connection. Otherwise it could cause injury by breakage.
- Make sure that the contact part of the socket is not damaged. Otherwise it could cause overheating.
- Make sure of the types of lamp base (screw or insert type) before installing or exchanging the lamp. Otherwise it could cause injury by breakage.
- Exchange of the lamp which has been used over its rated life time is recommended. Otherwise it could cause a fire or injury by breakage.
- Remove packaging of the lamp before installing. Otherwise it could cause a fire, a burn, or injury by breakage.

Operation Notes

- The pressure on the contact of the double ended lamps should be kept under 20 to 35N (in case of silver contact 10 to 35N.)
- In order to prevent a danger of breakage which happens rarely at the end of lamp life, attach a proper fuse to the lamp house.
- Except for the lamps allowed, keep the seal temperature below 350°C.
- Keep the bulb temperature between 250°C to 900°C during the lamp operation.
- Do not touch the inner part of reflector with bare hand. Otherwise it could cause short lamp life or affect the lamp performance.
- Do not place objects in close proximity to the lamp. Otherwise it could cause a fire.
- Dispose of the lamp without breaking. Otherwise it could cause injury by scattered glass fragments.