



RAIDER
ELECTRONIC BALLAST
INSTRUCTION MANUAL



Hortitek Raider Electronic Ballasts are the solution of choice for expert gardeners. The needs of all gardens are met with variants of 400W and 600W; each with dimmable light output.

INSTALLATION AND SET UP

Hortitek Raider Electronic Ballasts are designed for ease of use. Installation is complete in only 5 steps:

1. Mount the ballast in a dry, well-ventilated area that is free from dust and dirt.
2. The built-in mounting holes can be used to securely mount the ballast to a wall.
3. Connect the ballast to the lamp using the output lead.
4. Connect the ballast to a suitable power source and set the dimming level.
5. Start gardening!

IMPORTANT NOTES

- Only use this ballast with lamps of the same type and power rating as printed on the ballast housing.
- Only connect this ballast to the power source for which it was designed. This information is printed on the ballast housing.
- The recommended length of the cable from the ballast to the lamp socket should not exceed 15m.



SAFETY PRECAUTIONS

- Do not power on the ballast without having securely connected a light assembly (including a lamp) to the lamp supply lead.
- When powering on the ballast, ensure that the lamp is igniting successfully. If it fails to ignite, turn the power off immediately and inspect the lamp for signs of faults. If the lamp is without defects, disconnect the ballast from the power immediately as it may be faulty.
- The ballast should be operated in a dry, well-ventilated, dust-free area.
- Suitable for indoor use only.
- Do not carry the ballast by the power leads.
- Ensure all power lead connections are secure and that all cables are positioned safely.
- After turning off, always allow time for the lamp to cool prior to re-ignition.
- This product may cause interference to radio equipment and should not be operated near maritime safety communications equipment or other critical navigation or communication equipment which operate between 0.45-30 MHz. In the event of interference, relocate or cease operation of the ballast.
- Do not attempt to open, rewire or reconfigure this ballast. This will void the warranty and may cause serious injury or death.

SPECIFICATIONS

MODEL	INPUT VOLTAGE	WORKING CURRENT
400W	168-268V, 50/60 Hz	1.8A @ 240V
600W	180-254V, 50/60 Hz	2.9A @ 240V



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