



**DEFENDER 800W
GROW LIGHT**

INSTRUCTION MANUAL



INSTALLATION AND SET UP

Hortitek Defender 800W Grow Light is 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. The built-in hanging tabs can be used to securely mount the ballast to a wall.
2. Assemble reflector and install lamp.
3. Connect the ballast to the lamp using the output lead.
4. Connect the ballast to a suitable power source using the input lead.
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.
- To avoid ballast failure, do not stack ballasts or obstruct the ventilation louvres.
- 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.
- Do not attempt to open, rewire or reconfigure this ballast. This will void the warranty and may cause serious injury or death.



SPECIFICATIONS

LAMP

OUTPUT	COLOUR	BASE	BULB	PPF	PPF EFFICACY	BURNING POSITION	LIFESPAN
800W	2100K	E39/40	TT52	1500 μ mol/s	1.8 μ mol/s/W	Universal	24,000hrs

BALLAST

INPUT VOLTAGE	INPUT FREQUENCY	OPERATING CURRENT	OUTPUT
230-240V	50Hz	3.8A @ 240V	800W



WARRANTY

Hortitek is not liable and the warranty will be void under the following circumstances:

- Incorrect use of the product.
- Not adhering to the warnings established in this instruction manual.
- Improper storage and handling.
- Unauthorised modification of the product.
- Use of unauthorised modification of the product.
- Purchases from unauthorised retailer or dealer.

CONTACT THE RETAILER WHERE THE PRODUCT WAS ORIGINALLY PURCHASED FOR WARRANTY CLAIMS AND FURTHER INFORMATION



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