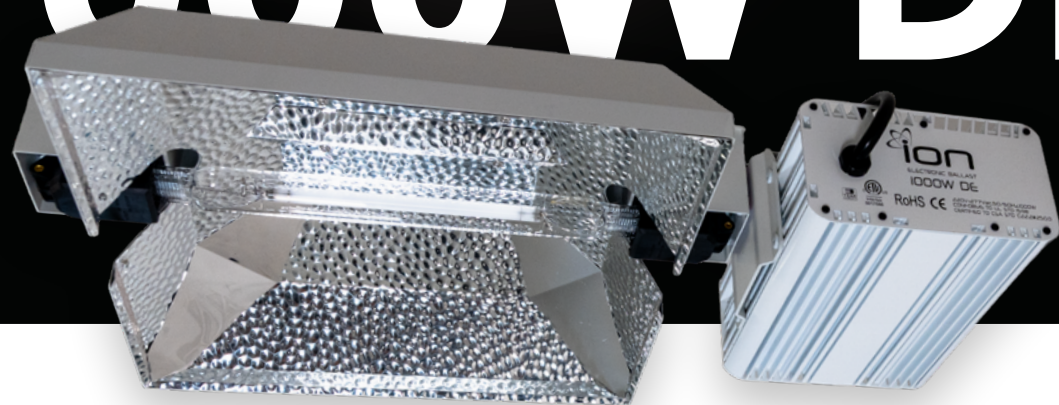


1000W DE



Technical Specifications

Input Voltage Range	208-277 V
Maximum Input Current	5 A
Maximum Output Power	1150 W
Operating Input Power	1180 W
Frequency	50 / 60 Hz
Total Harmonic Distortion (THD)	< 8 %
Power Factor	≥ 0.98
Operating Frequency	100 – 160 kHz
Ignition Voltage	3.5 – 4 kV
Operating Temperature	-25°C ~ 40°C / -13°F ~ 104°F
Fixture Dimensions	675 × 355 × 130 mm 26.6 × 14 × 5.1 inch
Weight	8.0 kgs / 17.6 lbs
Water Resistance	IP 23
Warranty	3 Year Standard Warranty

ION 1000W DE Fixture

Engineered for professional cultivators who demand consistent performance, superior canopy coverage, and proven results. Built from real-world grower insights, this next-generation HID fixture merges precision engineering with unrelenting output.

Featuring ION's **BroadCast Reflector Technology**, the **1000W DE** delivers deeper canopy penetration and uniform light intensity across every plant level – reducing hotspots and maximizing yield potential. Combined with an advanced digital ballast and precision dimming, it redefines reliability in double-ended lighting.



**HPS & MH
Compatibility**



**Adjustable
Dimming**



**Optimized Light
Distribution**



**Energy Efficient
Operation**



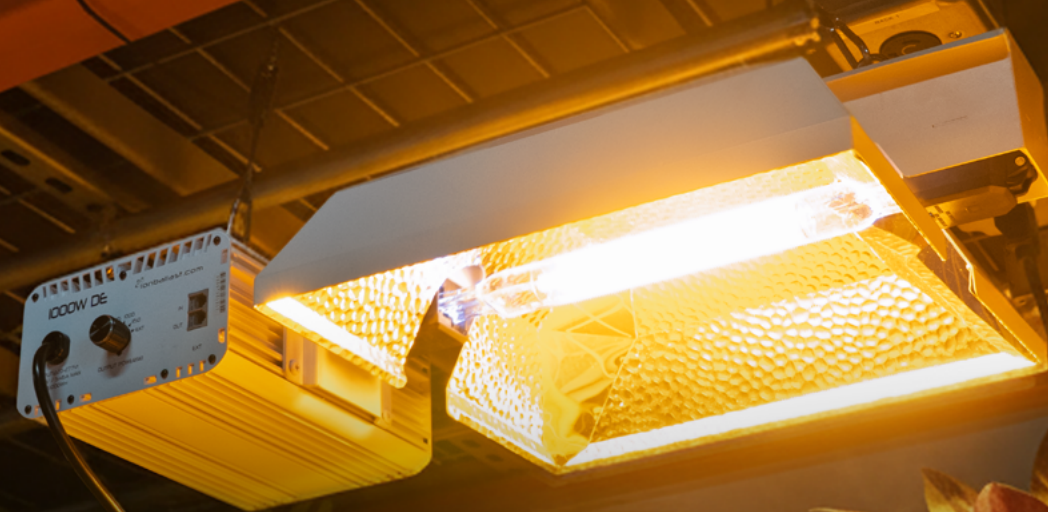
**Advanced
Protection System**



**3 Year
Warranty**

For growers who continue to rely on the intensity and consistency of double-ended HID systems, the **ION 1000W DE Fixture** delivers. With flexible lamp compatibility, a refined reflector design, and rock-solid ballast performance, it's built to meet the expectations of serious cultivators—season after season.

THE LEGEND REIMAGINED FOR MODERN GROWERS



KEY FEATURES

BroadCast Reflector Technology

- ✓ Innovative design enhances canopy coverage and reduces shadowing.
- ✓ Penetrates deep into lower canopy zones to optimize yield potential.
- ✓ Minimizes hot spots and promotes even plant development.

Advanced Digital Ballast

- ✓ Runs both double-ended HPS and MH lamps, offering flexibility for all grow phases.
- ✓ Includes advanced protections: voltage fluctuation, short circuit, ignition failure, and end-of-life detection.
- ✓ Low-profile housing enables quiet operation and effective heat management.

Precision Dimming

- ✓ Adjustable power settings: 660W, 750W, 825W, 1000W, 1150W, and EXT mode.
- ✓ Tailor your light intensity across vegetative and bloom cycles.

Grower-Centric Engineering

- ✓ Built from field-tested feedback and refined for performance in real-world conditions.
- ✓ Compact design integrates seamlessly into commercial or small-scale grow environments.

Comprehensive Control

- ✓ 0-10V control-ready for integration into automated systems.
- ✓ Compatible with programmable lighting schedules and facility-wide sync.

Reliability & Protection

- ✓ Stress-tested in demanding environments for durability and output consistency.
- ✓ Rated IP23 to withstand high-humidity and high-heat conditions.

