

HDE-8 SYSTEM

Horticultural Double-Ended (DE) Lamp Grow Light System Concealed Vacuum Airflow Technology®

The only double-ended horticultural reflector with Concealed Vacuum Airflow Technology®, the HDE combines proven lamp performance with the ability to transfer heat easily from the grow environment. The HDE has flexibility and versatility built into the design with 4-way 8" ducting and included adapters. Growers can customize the HDE as needed for specific grow room applications. A-hinged lens and innovative reflector installation make cleaning and maintenance of the HDE extremely easy.

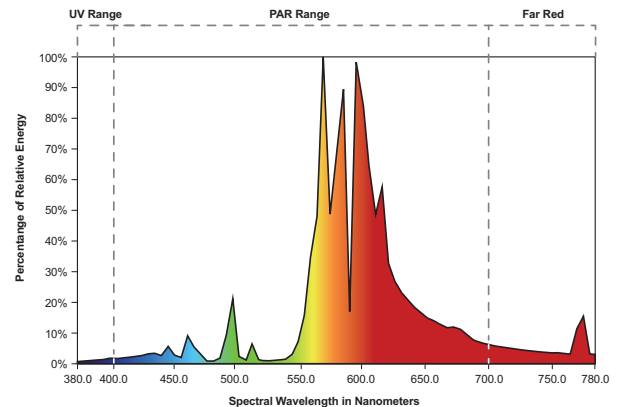


**AVAILABLE WHILE
SUPPLIES LAST
GLH-HDE-8 & GLB-1000-DE-240/277
(REFLECTOR and BALLAST ONLY)**



FEATURES

- Patented Concealed Vacuum Airflow Technology® (CVAT) maximizes the hood's photometric performance and thermal dissipation
- 95% Reflective aluminum with fine hammertone texture increases intensity and uniformity
- Includes 4-way, field-selectable 8" removable ducts, solid plates, and louvered plates for fully sealed air-cooled or non air-cooled operations
- Removable 1/8" thick tempered glass door for optional air-cooled or non air-cooled operation
- ETL Listed for Damp Locations (GLH-HDE-8 Only)
- Remote ballast mounting capability (15 feet)
- 825W, 750W and 600W Dimmable settings
- 1150W Overdrive setting
- External control capability (controls sold separately)
- Staggered start ignition
- LED display with status indicator



ORDERING INFORMATION

Example: GLH-HDE-8-1000-HPS-240/277

System/Configuration***	Description
GLH-HDE-8-1000-HPS-240/277*	HDE-8 Reflector, 1000W HPS DE lamp, 1000W DE ballast

Individual Products	Description	Weight
GLH-HDE-8	HDE-8 Reflector (ETL Listed)	16.6 lbs (7.5kgs)
GLL-1000-HPS	1000W HPS DE lamp	1.0 lbs (0.45kgs)
GLB-1000-DE-240/277	1000W DE ballast 240/277VAC	9.9 lbs (4.49kgs)

OTHER COMPATIBLE LAMP AND BALLAST**

- 315W CMH DE lamp - [GLL-315-CSI-DE](#)
- 315W DE ballast 120/277VAC - [GLB-315-A-120/277](#)

*Consult factory for additional accessories

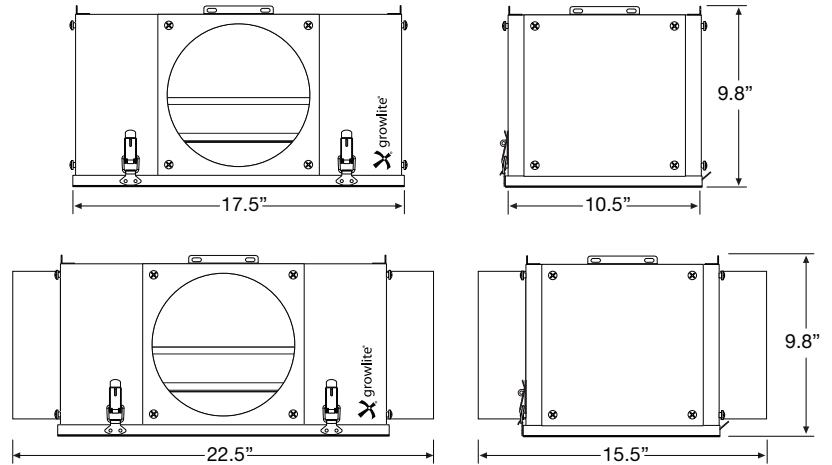
**Consult factory for optional system configurations

***System components ship in individual packaging

SPECIFICATIONS

REFLECTOR ([GLH-HDE-8](#))

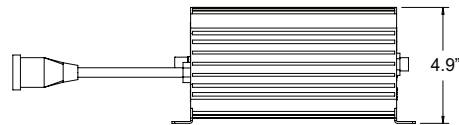
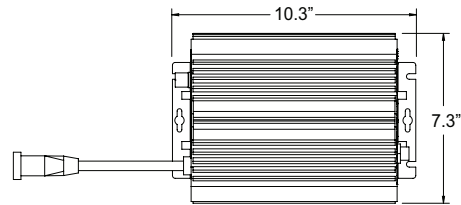
- Patented Concealed Vacuum Airflow Technology® (CVAT) maximizes the hood's photometric performance and thermal dissipation
- Includes 4-way, field-selectable 8" removable flanges, solid plates, and louvered plates for fully sealed air-cooled or non air-cooled operations
- Removable 1/8" thick tempered glass door for optional air-cooled or non air-cooled operation
- Removable door allows for easy lamp access and cleaning
- Constructed of heavy-duty 22 gauge steel
- Standard with 15' cord and ballast plug
- HPS DE standard or high frequency lamps
- One (1) pair of V-Hooks for mounting included
- ETL Listed for Damp Locations
- Five Year Warranty (Terms and Conditions Apply)



8" Removable Ducts included

1000W DE BALLAST ([GLB-1000-DE-240/277](#))

- Operates SE and DE 1000W lamps only
- 825W, 750W and 600W dimmable settings
- 1150W Overdrive setting
- External control capability (Controls sold separately)
- Staggered start ignition
- 240/277VAC Voltage sensing input
- 6' 240VAC Line cord with plug
- Standard S-Type lamp connector
- Three Year Warranty (Terms and Conditions Apply)

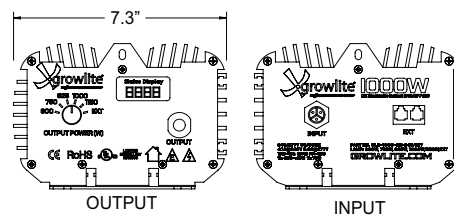


PERFORMANCE

- Rated Voltage: 240/277VAC
- Input Frequency: 50/60Hz
- Ambient operating temperature (TA): -20°C to +40°C (-4°F to +104°F)
- Total Harmonic Distortion (THD): <10%
- Current draw: 4.50A @ 240VAC, 3.80A @ 277VAC
- Inrush Current: 40A
- Operates > 100kHz

PROTECTIONS

- Short circuit
- Ignition failure
- Thermal Protection
- Over voltage
- Hot Re-strike
- Open circuit
- End of Lamp Life
- Soft-start
- Under-voltage



SPECIFICATIONS

1000W HPS DE LAMP ([GLL-1000-HPS](#))

PHYSICAL DATA / REQUIREMENTS

- Lamp Wattage: 1000W
- PPF: 2,000 $\mu\text{mol/s}$
- Initial Lumens: 144,400
- Color Temperature: 2,000K
- Burning Position: HORIZONTAL $\pm 15^\circ$
- Bulb Designation: T10
- Fixture Rating: Open
- One Year Warranty (Terms and Conditions Apply)

