

# OG SYSTEM

## Vertical Lamp Concealed Vacuum Airflow Technology® Reflector System

The first air-cooled reflector with zero light loss due to air ducting. The **Concealed Vacuum Airflow Technology® (CVAT®)** utilizes 100% of the hood's reflective surface which far outperforms any air-cooled reflector on the market.

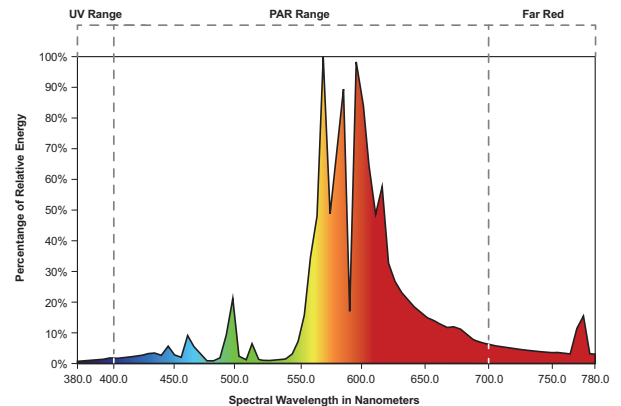
No open duct holes increase the reflective area by 30% when compared to standard air-cooled designs. This patented design creates more light on the plant canopy and uniform light distribution promoting large, consistent yields.

### FEATURES

- Patented reflector design increases light output 30% over traditional, vented hoods
- Provides even lumen distribution without excessive dissipation, eliminating the "pyramid" effect
- Cooler lamp and housings reduce heat load issues and costs
- Vertical lamp orientation extends lamp life versus horizontal reflectors
- Improved airflow efficiency allows more hoods to be vented using fewer fans
- 8" Removable ducts for air-vented applications
- 8" Removable louvered plates for use with no fans
- 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



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



### OTHER COMPATIBLE LAMPS AND BALLAST\*\*

- 315W CMH SE lamp - [GLL-315-CS1](#)
- 1000W HPS DA lamp - [GLL-1000-HPS-DA](#)
- 600W HPS SE lamp - [GLL-600-HPS](#)
- 1000W MH SE lamp - [GLL-1000-MH](#)
- 600W MH SE lamp - [GLL-600-MH](#)
- 315W Ballast 120/277VAC - [GLB-315-A-120/277](#)

### ORDERING INFORMATION

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

System/Configuration***	Description	
GLH-OG-8-1000-HPS-240/277*	OG Vertical Air-Cooled SE Reflector, 1000W HPS SE Lamp, 1000W DE Ballast	
Accessories*	Description	Weight
<a href="#">GLH-OG-8</a>	OG Vertical Air-Cooled SE Reflector	28.0 lbs (12.7kgs)
<a href="#">GLL-1000-HPS</a>	1000W HPS SE Lamp	1.0 lbs (0.45kgs)
<a href="#">GLB-1000-DE-240/277</a>	1000W DE Ballast 240/277VAC	9.9 lbs (4.49kgs)

\*Consult factory for additional accessories

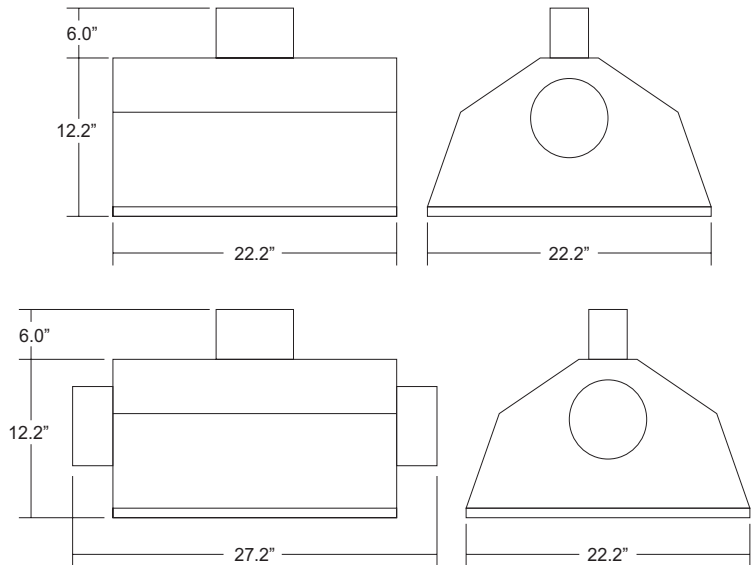
\*\*Consult factory for optional system configurations

\*\*\*System components ship in individual packaging

## SPECIFICATIONS

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

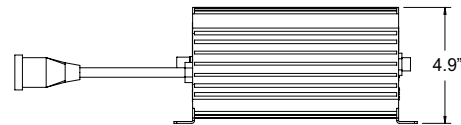
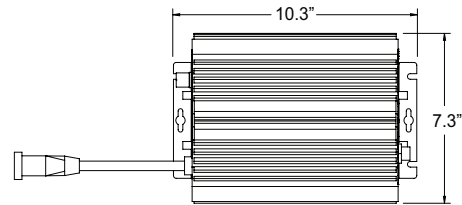
- Patented reflector design increases light output 30% over traditional, vented hoods
- Provides even lumen distribution without excessive dissipation, eliminating the “pyramid” effect
- 8” Removable ducts for air-vented applications
- 8” Removable louvered plates for use with no fans
- Durable black powder coated finish
- Constructed of heavy-duty 22 gauge steel
- 1/8” Thick tempered glass lens
- Removable door for easy lamp access and cleaning
- Standard with 15’ cord and ballast plug
- One (1) pair of V-hooks for mounting included
- 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)

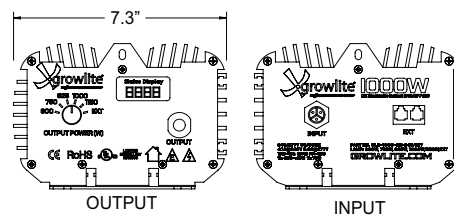


### PERFORMANCE

- 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 SE LAMP ([GLL-1000-HPS](#))

#### PHYSICAL DATA / REQUIREMENTS

- Lamp Wattage: 1000W
- PPF: 1,750  $\mu\text{mol/s}$
- Initial Lumens: 140,000
- Color Temperature: 2,000K
- Burning Position: UNIVERSAL
- Bulb Designation: ET25
- Fixture Rating: Open
- One Year Warranty (Terms and Conditions Apply)

