

Model:	Date:
Accessories:	
Job Name:	Туре:

# GLB-1000-DE-240/277

1000W 240/277VAC

**DE Electronic Ballast** 

## FEATURES

- Operates SE and DE 1000W lamps only
- 825W, 750W and 600W dimmable settings
- 1150W Overdrive setting
- External control capability (Controls sold separately)
- RJ11 port takes a DC supply from 0-10V to control the dimming
- Staggered start ignition
- Soft-start/Soft dimming
- Fanless design
- 240/277VAC voltage sensing input
- · Weathertight twist-lock power input connector
- 6' 240VAC Line cord with plug
- Standard S-Type lamp connector
- · LED display with status indicator
- Three year warranty (Terms and Conditions Apply)

## PROTECTIONS

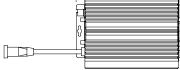
- Short circuit
- Open circuit
- Ignition failure
  End of Lamp Life (EOL)
- Thermal Protection Soft-start
  - Under voltage
- Over voltageHot Re-strike

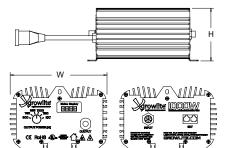
## PERFORMANCE

Rated Voltage: 240/277VAC Input Frequency: 50/60Hz Ambient operating temperature (TA): -20°C to 40°C (-4°F to 104°F) Crest Factor (CF): <1.7 Power Factor (PF): ≥0.97 Total Harmonic Distortion (THD): <10% Current draw: 4.50A @ 240VAC, 3.80A @ 277VAC Inrush Current: 40A Operates > 100kHz

**NOTE:** This ballast is designed to accommodate remote mounting. Ballast may be connected with up to 15 feet of cable between the lamp and ballast. However, due to high frequency design of the ballast and resulting power losses in the cable, power delivered to the lamp may be reduced by as much as 3% or 30 watts.







#### DIMENSIONS

Model	L	W	н
GLB-1000-DE-240/277	10.3" (262mm)	7.3" (185mm)	4.9" (124mm)

OUTPUT

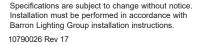
#### WEIGHT

Model	Installed Weight
GLB-1000-DE-240/277	9.9 lbs (4.5kgs)

# ORDERING INFORMATION

Example: GLB-1000-DE-240/277	Example:	GLB-1000-DE-240/277	
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Series/Configuration	Description
GLB-1000-DE-240/277	1000W DE Electronic Ballast 240/277VAC





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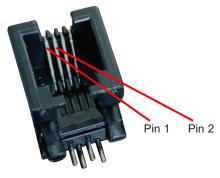
INPUT

#### **DIMMING RANGE\***

Voltage (Vdc)	Wattage (W)	Dimming %
9.5V	1150W	115%
8.5V	1000W	100%
7.5V	900W	90%
6.5V	825W	83%
5.25V	750W	75%
3.33V	600W	60%
<3.33V	Standby	Standby

\*RJ11 port takes a DC supply from 0-10V to control the dimming

# **RJ11 PIN CONFIGURATIONS**



Pins 1 & 4 = Positive Pins 2 & 3 = Negative

Specifications are subject to change without notice. Installation must be performed in accordance with Barron Lighting Group installation instructions. 10790026 Rev 17



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