



**accendo**  
ELECTRONICS  
energy efficient lighting solutions

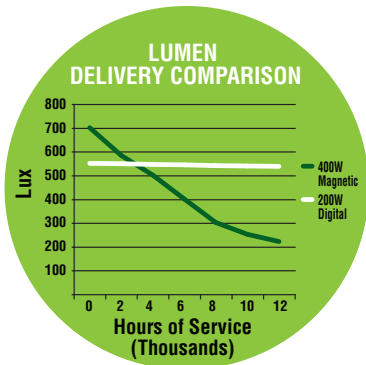
# GloGreen 575W

## DIGITAL HID BALLASTS

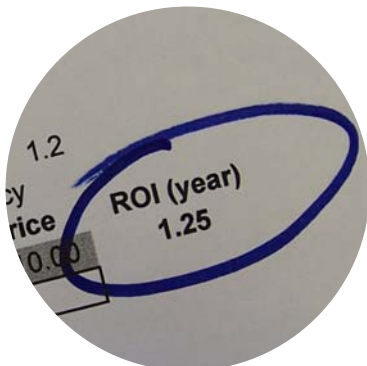
OPERATES METAL HALIDE & HIGH-PRESSURE SODIUM



The GloGreen 575W is a Digital Ballast for High Intensity Discharge (HID) Lamps that features ground breaking technology for unparalleled electrical efficiency and lighting performance. The Digital HID (DHID™) Ballast is Micro-processor Controlled, creating a new standard of excellence in HID lighting; offering the highest efficiency while producing minimal heat. GloGreen DHID™ Ballasts are a simple, value-added replacement for existing conventional core and coil (magnetic) and lower efficiency electronic ballasts providing immediate cost saving opportunities for any HID lighting installation.



### Degradation of Magnetic vs Digital ballasts



**Our Digital Ballasts deliver a better ROI**

- Industry leading technology provides the **highest lumen output per Watt performance on the market today** producing up to 40% or more light than core and coil ballasts while virtually eliminating electrical losses
- The DHID™ retrofit ballast provides a **simple, cost effective means to immediately reduce energy costs** by 40%-50% or more without changing the existing fixture
- GloGreen Digital HID ballasts are available in 'Basic' or 'Dim Function' enabled versions; by **dimming up to 70% of incoming power**, additional electricity savings are realized. Motion sensor or PLC dimming via discrete or Analog 0-10VDC input; or Automatic or pre-programmed schedule dimming options are available
- Multiple HID Bulb Capability; the **GloGreen 575W DHID™ ballast can power either Metal Halide (MH) or High-Pressure Sodium (HPS) bulbs with equal efficiency.** GloGreen products with Multiple HID Bulb Capabilities can dramatically reduce inventory costs
- The GloGreen DHID™ ballast is designed for **Multiple Wattage and Multiple Input Voltage applications**, offering true Multiple Application solution flexibility
- Proprietary **Direct Digital Ignition (DDI) micro-processor** algorithms optimize the balance of current with the lamp gases
- DDI dynamically maintains lumen output for the **best possible HID lamp performance; 95% lumen maintenance** ensures bright, long lasting light for the entire lifespan of the lamp
- Originally specified lighting levels are always sustained, **relamping is no longer required**; only replace a DHID™ powered lamp at the end of its extended lifetime; **how much could you save by reducing your maintenance and bulb consumable costs by 50%+?**
- The GloGreen 575W is the perfect retrofit for existing magnetic ballast 750W-1000W applications. All GloGreen DHID™ ballasts are fully silicon potted/sealed for harsh manufacturing or outdoor installation applications. The DHID™ ballast is temperature rated from -25°C/-13°F to 70°C/158°F.
- **Applications:** All indoor/outdoor lighting applications including highbay factory/warehouse/retail (50ft+), street/highway/parking lot lighting, cold storage, arena/stadium, sports field, event, airport, hydroponics, greenhouse, aquarium

For additional information or to inquire about our **Risk Free Trial Offer**, please contact us at 905 475-2067 or e-mail [info@accendoelectronics.com](mailto:info@accendoelectronics.com)



## Specifications

### GloGreen 575W DHID™ Retrofit Ballast

#### Model Numbers

B575W-240M - Basic (No Dimming)<sup>1</sup>

B575W-277M - Basic (No Dimming)<sup>1</sup>

B575W-347M - Basic (No Dimming)<sup>1</sup>

B575W-240MD - Dim Function (Discrete/Analog)<sup>2</sup>

B575W-277MD - Dim Function (Discrete/Analog)<sup>2</sup>

B575W-347MD - Dim Function (Discrete/Analog)<sup>2</sup>

B575W-240MDR - Dim Function (RJ-11)<sup>3</sup>

B575W-277MDR - Dim Function (RJ-11)<sup>3</sup>

B575W-347MDR - Dim Function (RJ-11)<sup>3</sup>

#### Operating / Safety Voltage

120V to 240V / 90V to 264V

240V to 277V / 198V to 299V

347V / 319V to 375V

120V to 240V / 90V to 264V

240V to 277V / 198V to 299V

347V / 319V to 375V

120V to 240V / 90V to 264V

240V to 277V / 198V to 299V

347V / 319V to 375V

#### Input Current

2.53A

2.19A

1.75A

2.53A

2.19A

1.75A

2.53A

2.19A

1.75A

#### DHID™ Performance

Input Power: 609W

Output Power: 575W

Power Factor: 0.98

THD: <10%

#### DHID™ Ballast Types:

1. Basic (no dimming); DHID™ ballast does not have dimming function capabilities
2. Dim Function (discrete/Analog); DHID™ ballast features discrete or Analog 0-10VDC input for up to 50% dimming
3. Dim Function (RJ-11); DHID™ ballast features RJ-11 port for plug/play sensor or automatic dim module for up to 70% dimming

### Digital HID (DHID™) Ballast Product Features and Benefits

- Significant (up to 75%) saving of electrical energy and maintenance costs
- Produces up to 40% or more lumens per Watt than core-and-coil (magnetic) ballasts
- Steady lumen maintenance over lifetime of lamp; 95% Lumen Maintenance = No Relamping Required! (only 5% light degradation over entire extended HID lamp lifespan)
- Increased life expectancy (100%) of the lamp compared to core-and-coil (magnetic) ballast technology
- Highest efficiency DHID™ ballast on the market; virtually no loss of electrical energy
- Watts consumed equates to most Watts output as lumens to target for Industry's best lumens/Watt ratio
- Possible 70% dimming of incoming power yields dramatic cost savings and greatly extends lamp life
- Dim Function enabled ballast with RJ-11 port or loose wires input is required for dimming modes
- 50% dimming via Motion sensor, Switch or PLC using Discrete or Analog 0-10VDC inputs
- 70% dimming via Automatic (pre-programmed) Schedule available with Dim Function (RJ-11) ballast
- Very easy retrofit installations for MH, CMH and HPS lamps
- Advanced design, light in weight and compact in size

#### Related Products:

- GloGreen 400W Digital HID Ballast for MH/HPS Lamps
- GloGreen 750W Digital HID Ballast for MH/HPS Lamps

#### Dealer Information:



#### Product Dimensions:

