Re-Use Retrofit

accendo ELECTRONICS
energy efficient lighting solutions

Highway High Mast Lighting

Most Economical and Environmentally Responsible Solution

"…instant 40-50% energy savings, up to and beyond 60% energy savings with smart dimming. Eliminate the the long term expenses and waste of maintaining highway high mast lights with Long Life Lamp Solutions; over 70,000 hours lamp life possible!"

DHID™ Retrofit Solution Ideal for Many Reasons:

- Proven Performance, HID still best choice for energy efficiency at long mounting distances
- Compatibility, existing infrastructure does not change, light distribution remains exactly the same
- Converting HID sources to other technologies compromises performance and creates unneeded waste.
- RETROFITTING the existing fixture is cost-effective and improves its over-all performance
- DHID™ solutions now offered with Long Life Lamps, 40,000+hrs for MH and 70,000+hrs for HPS
- High Energy Efficiency, Long Term Performance, Low Waste, and Low Buying Cost = Best Value

Digital HID™ (DHID™) Ballasts for Retrofit

Keep, Reuse Your Existing Fixtures

For more information, please visit: www.AccendoElectronics.com

Retrofit Digital HID (DHID) Ballast Chart for:
Highway High Mast Lighting Applications

Reuse, Retrofit your existing 1000W and 400W High-Pressure Sodium (HPS) and Metal Halide (MH) highway high mast lighting fixtures with the recommended DHID ballast and lamp solutions below. High-level lighting performance, 45-50% instant energy savings, drastically reduced operating expenses and waste, and a very short Return On Investment time are guaranteed.

Retrofit existing 1000W Highway High Mast Light Fixtures Lighting Applications:


Retrofit, reuse old 750W-1000W HPS/MH fixtures with magnetic ballasts and used lamps; simply remove existing ballast and lamp; install a new 575W-750W DHID ballast and lamp for instant savings:

Cost Savings Example: Retrofit Old 1000W with DHID 575W
1200W - 609W = 591W x 10 hours x 365 days = 2,157.2kW x $.10kWhr =
$215.72 Savings Per Fixture Per Year.

With 4hrs at 50% Dimming:
295.5 x 4 hrs x 365 days x $.10kWhr = $43.15 + $215.72 =
$258.87 Savings Per Fixture Per Year.

DHID Retrofit Recommendation:
- GloGreen 575W-750W DHID Ballast
- 575W-750W Long Life HPS/MH Lamp

DHID Ballast	Replaces Existing	Voltage (V)	DHID Input (W)	Dimensions (mm) LxWxH
575W	750-1000W	120-347	609	266x138x90.5
600W	750-1000W	120-277	636	266x138x90.5
750W	1000-1500W	120-347	759	319x138x90.5

DHID available in dimming and Basic (no dimming) versions

Retrofit existing 400W Highway High Mast Light Fixtures Lighting Applications:


Retrofit, reuse existing or old 400W HPS/MH fixtures with magnetic ballasts and used lamps; simply remove the old ballast and lamp and install a new 250W DHID ballast and lamp for instant savings:

Cost Savings:
460W - 265W = 195W x 10 hrs x 365 days = 711.8kW x $.10kWhr =
$71.18 Savings Per Fixture Per Year.

With 4hrs at 50% Dimming:
97.5W x 4 hrs x 365 days x $.10kWhr = $14.24 + $71.18 =
$85.42 Savings Per Fixture Per Year.

DHID Retrofit Recommendation:
- GloGreen 250W DHID Ballast
- 250W Long Life HPS/MH Lamp

DHID Ballast Model	Input Watts	Voltage (V)	Input Current	Dimensions (mm) LxWxH
B250-240M(D)	265	120-240	1.10A	184x108x62
B250-277M(D)	265	240-277	0.95A	184x108x62
B250-347M(D)	265	347	0.76A	184x108x62

M = non Dimming, **D** = Dimming

For Additional Information Please Contact Your Local Representative: