

Street Lighting Applications

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 street 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: Street Lighting Applications

Reuse, Retrofit all of your existing Metal Halide (MH) or High-Pressure Sodium (HPS) street light fixtures, decorative street light luminaires, and path way lighting fixtures with the recommended DHID ballast and lamp solutions below. High-level lighting performance, 45-50% instant energy savings, and a very short Return On Investment time are guaranteed.

Retrofit existing 400W Street Light Fixture Lighting Applications:

																							
<p>Retrofit, reuse existing or old 400W MH/HPS 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:</p>		<p>DHID Retrofit Recommendation:</p> <ul style="list-style-type: none"> - GloGreen 250W DHID Ballast - 250W MH or HPS Lamp 																					
<p>Cost Savings: $460W - 265W = 195W \times 10 \text{ hrs} \times 365 \text{ days} = 711.8kW \times \\$.10kWhr =$ \$71.18 Savings Per Fixture Per Year.</p>	<p>With 4hrs at 50% Dimming: $97.5W \times 4 \text{ hrs} \times 365 \text{ days} \times \\$.10kWhr =$ $= \\$14.24 + \\$71.18 =$ \$85.42 Savings Per Fixture Per Year.</p>	<table border="1"> <thead> <tr> <th>DHID Ballast Model</th> <th>Input Watts</th> <th>Voltage (V)</th> <th>Input Current</th> <th>Dimensions (mm) LxWxH</th> </tr> </thead> <tbody> <tr> <td>B250-240M(D)</td> <td>265</td> <td>120-240</td> <td>1.10A</td> <td>184x108x62</td> </tr> <tr> <td>B250-277M(D)</td> <td>265</td> <td>240-277</td> <td>0.95A</td> <td>184x108x62</td> </tr> <tr> <td>B250-347M(D)</td> <td>265</td> <td>347</td> <td>0.76A</td> <td>184x108x62</td> </tr> </tbody> </table>	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	<p>M = non Dimming, D = Dimming</p>
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Retrofit existing 70W to 250W Street Light Fixtures, Decorative Street Light Luminaires, and Path Way Lighting Applications:

																												
<p>Retrofit, reuse existing, old 70W-250W MH/HPS fixtures with magnetic ballasts, used lamps; simply remove the old ballast and lamp, install a 50W-150W DHID ballast and lamp for instant savings:</p>		<p>DHID Retrofit Recommendations:</p> <ul style="list-style-type: none"> - GloGreen 50W-150W Ballasts - 50W-150W MH or HPS Lamp 																										
<p>Cost Savings Example: Retrofit Old 250W with DHID 150W: $288W - 159W = 129W \times 10 \text{ hrs} \times 365 \text{ days} = 470.9kW \times \\$.10kWhr =$ \$47.09 Savings Per Fixture Per Year.</p>	<p>With 4hrs at 50% Dimming: $64.5W \times 4 \text{ hrs} \times 365 \text{ days} \times \\$.10kWhr =$ $= \\$9.42 + \\$47.09 =$ \$56.51 Savings Per Fixture Per Year.</p>	<table border="1"> <thead> <tr> <th>DHID Ballast</th> <th>Replaces Existing</th> <th>Voltage (V)</th> <th>DHID Input (W)</th> <th>Dimensions (mm) LxWxH</th> </tr> </thead> <tbody> <tr> <td>50W</td> <td>70-100W</td> <td>120-277</td> <td>53</td> <td>156x85x54</td> </tr> <tr> <td>70W</td> <td>100-150W</td> <td>120-277</td> <td>74</td> <td>156x85x54</td> </tr> <tr> <td>100W</td> <td>150-200W</td> <td>120-277</td> <td>106</td> <td>156x85x54</td> </tr> <tr> <td>150W</td> <td>200-250W</td> <td>120-347</td> <td>159</td> <td>184x108x62</td> </tr> </tbody> </table>	DHID Ballast	Replaces Existing	Voltage (V)	DHID Input (W)	Dimensions (mm) LxWxH	50W	70-100W	120-277	53	156x85x54	70W	100-150W	120-277	74	156x85x54	100W	150-200W	120-277	106	156x85x54	150W	200-250W	120-347	159	184x108x62	<p>DHID available in dimming and Basic (no dimming) versions</p>
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For Additional Information Please Contact Your Local Representative: