ELECTRONIC HID BALLASTS

Input
- Nominal Voltage: Universal 120V to 277V
- Frequency: 50/60Hz
- Line Regulation: ± 5% output variation over full input range
- Power Factor: > 0.95
- Total Harmonic Distortion: < 10%

Output
- Lamp Operating Frequency: 165Hz Square Wave
- Lamp Current C.F.: < 1.3

Ordering Information
- Standard Case Quantity: 50 Units
- Unit Weight/Case Weight: 0.70 lbs/37.5 lbs

ELECTRICAL SPECIFICATIONS

<table>
<thead>
<tr>
<th>Watts</th>
<th>Hatch Part Number</th>
<th>Description</th>
<th>Lamp Types/ANSI Codes</th>
<th>Voltage Range</th>
<th>Nominal Input Power</th>
<th>Input Current/ Input Voltage</th>
<th>Max. Remote Distance (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>70</td>
<td>MC70-1-F-UNNU</td>
<td>70 Watt Universal Mini w/Feet</td>
<td>M/C85, M/C98, M/C139, M/C143 Ceramic MH</td>
<td>Wide Range Input 108-305VAC</td>
<td>78 Watts</td>
<td>.65 Amps @ 120V, .37 Amps @ 208V, .32 Amps @ 240V, .28 Amps @ 277V</td>
<td>25</td>
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<tr>
<td></td>
<td>MC70-1-J-UNNU</td>
<td>70 Watt Universal Mini Bottom Feed w/Studs</td>
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</tbody>
</table>

PRODUCT FEATURES:
- Thermal protection
- Approved for recessed use
- Micro Processor Controlled
- Safety Shut Down Features
- Superior Hot Lamp Restrike Characteristic
- Low Voltage Lamp Shutdown
- Sound Rated: A
- Minimum Starting Temperature: -30°C
- Maximum Case Temperature: 80°C
- Complies with FCC Part 18 (Class B)
- 5 Year Warranty
- Lamp end-of-life protected

WIRING DIAGRAMS:
- Black:
- White:
- Blue:
- Red:
- Ground:

MOUNTING DIAGRAM:
- LABEL SIDE UP
- CENTER LINE TO CENTER LINE IS .16" LESS THAN END TO END ON MODELS WITH MOUNTING FEET.

CASE DIMENSIONS & MECHANICAL SPECIFICATIONS:

CASE STYLE | MOUNTING
---|---
U - Mini | F - With feet
Wiring Information
- Lead Length: Input/Output: 8"
- Wire Type: Input: 18AWG, 105°C, 600V
- Operating Temperatures
  - Minimum Starting Temperature: -30°C
  - Maximum Case Temperature: 80°C

CASE STYLE | MOUNTING
---|---
U - Mini | J - Bottom feed with studs
Wiring Information
- Lead Length: Input/Output: 10"
- Wire Type: Input: 18AWG, 105°C, 600V
- Operating Temperatures
  - Minimum Starting Temperature: -30°C
  - Maximum Case Temperature: 80°C

CASE STYLE SIZE CHART:
- Each case style listed in the Size Chart represents a side lead model with no mounting feet. All HATCH E-HID Ballasts are available in several mounting and wiring configurations, each with slightly different dimensions from those listed in the chart.