



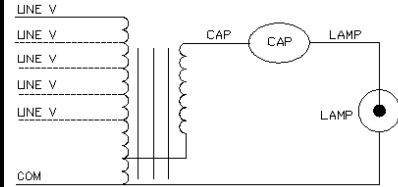
HOWARD INDUSTRIES, INC.
Magnetic Ballast Products Division

Model: M0175-81C-211□
Standard Metal Halide

175 Watts M57
60 Hz CWA

| | | | | | | |
|--|------------------------|-----------------|------|------|------|------|
| Input Volts | | 120 | 208 | 240 | 277 | 480 |
| Circuit Type | CWA | | | | | |
| Power Factor | 0.97 | | | | | |
| Regulation | | | | | | |
| Line Volts | ± 10 % | | | | | |
| Lamp Watts | + 8.5 % - 9.0 % | | | | | |
| Line Current (Amps) | | | | | | |
| Operating | | 1.85 | 1.05 | 0.92 | 0.82 | 0.48 |
| Open Circuit | | 2.50 | 1.40 | 1.25 | 1.20 | 0.65 |
| Starting | | 0.75 | 0.44 | 0.38 | 0.33 | 0.20 |
| Recommended Fuse | | 5 | 3 | 3 | 2 | 1.5 |
| UL Temperature Ratings | | | | | | |
| Insulation Class | H (180°C) | | | | | |
| Coil Temperature Code | | B | A | A | B | A |
| Benchtop Coil Rise Primary | | 78 | 72 | 72 | 76 | 69 |
| Benchtop Coil Rise Secondary | | 79 | - | - | - | 72 |
| Input Watts | | 211 | 209 | 209 | 210 | 209 |
| NOM Open Circuit Volts | 295 | | | | | |
| Current Crest Factor | 1.58 | | | | | |
| Input Voltage at Lamp Dropout | | 60 | 104 | 120 | 135 | 240 |
| Min Ambient Starting Temp. | -20°F -30°C | | | | | |
| High Potential Test (Volts) | | | | | | |
| 1 Minute | 2000 | | | | | |
| 1 Second | 2400 | | | | | |
| Open Circuit Voltage Test (Volts) | | | | | | |
| Open Circuit Voltage | 265 - 325 | | | | | |
| Input Current | min | 1.85 | 1.05 | 0.95 | 0.90 | 0.45 |
| | max | 3.15 | 1.75 | 1.60 | 1.50 | 0.80 |
| Short Circuit Current Test (Amps) | | | | | | |
| Secondary Current | 1.5 - 1.8 | | | | | |
| Input Current | min | 0.40 | 0.25 | 0.20 | 0.15 | 0.10 |
| | max | 0.70 | 0.40 | 0.35 | 0.25 | 0.20 |
| Core and Coil Specifications | | | | | | |
| Dimension A" | 2.75 | | | | | |
| Dimension B" | 4.0 | | | | | |
| Weight (lbs.) | 8.3 | | | | | |
| Lead Lengths (in) | 12 | | | | | |
| Capacitor Specifications | | | | | | |
| Microfarads | 10 | | | | | |
| Volts (min.) | 400 | | | | | |
| | Oval OIL Filled | DRY Film | | | | |
| Case Size (in.) | 1.75 | 1.5 | | | | |
| Height (in.) | 2.9 | 3.72 | | | | |
| Temp Rating °C | 90 | 100 | | | | |
| Starter Specifications | | | | | | |
| Model Number | Not used | | | | | |
| BTL | - | | | | | |
| Temp Rating °C | - | | | | | |

Wiring Diagram Number
1091-912000-007



Outside Dimensions Drawing
1080-046589-003

ISO-View of Core Coil
1091-912002-001
1091-912002-009

Oil Capacitor Can Drawing
1011-007500-003

Dry Capacitor Can Drawing
1012-007500-001

Starter Case Drawing None



Rev. Date: NEW 6/24/03

Test Ref.: UL

Specifications subject to change without notice.

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