

| | | | |
|-------|--|---------|------------|
| Item: | B50W-240M | PO no.: | S201004232 |
| Mains | 120-240V, 50/60Hz, 50W Digital Ballast | Date: | May 24/10 |

| | | |
|-----------------------------|------------------------|-------------------|
| Testing Environment: | Lamps: SYLVANIA HPS50W | Temperature: 28°C |
| | Rel. Humidity: 35% | |

| Conditions: | | | | Sample #1 | Sample #2 | Sample #3 |
|-----------------------------|-----|---------|-----|-----------|-----------|-----------|
| | Min | Typ | Max | | | |
| Operational Performance (V) | 108 | 120-240 | 265 | | | |
| Operational Safety | 102 | 120-240 | 276 | | | |
| Mains Frequency (Hz) | 45 | 60 | 66 | | | |

Operation (Input)

| | | | | | | |
|-----------------------|------|------|------|-------|--|--|
| Input Power (W)@120V | 50 | 53 | 55 | 52 | | |
| Input Power (W)@240V | -- | -- | -- | 53.7 | | |
| Power Factor | 0.97 | 0.98 | 0.99 | 0.973 | | |
| Current @ 120V | 0.41 | 0.44 | 0.46 | 0.418 | | |
| Current @ 240V | 0.21 | 0.22 | 0.23 | 0.227 | | |
| TDH (%) | -- | 5 | 15 | 13.2 | | |
| Inrush Current @ 120V | -- | 10 | 30 | <30 | | |
| Inrush Current @ 240V | -- | 10 | 30 | <30 | | |

Operation (Output)

| | | | | | | |
|-----------------------------|----|-----|------|-------|--|--|
| Operational Frequency (kHz) | 40 | 50 | 60 | 56.53 | | |
| Open-Circuit Power (W) | -- | 0.5 | 2.5 | 1.2 | | |
| Supply Voltage (V) | 40 | 45 | 50 | 47.3 | | |
| Pulse Voltage (KV) | 3 | 3.5 | 5 | 3.12 | | |
| Start Warm Lamp (min) | 1 | 10 | 20 | 1 | | |
| Output Power (W)@120V | 47 | 49 | 51.7 | 47.1 | | |
| Output Power (W)@240V | -- | -- | -- | 49.5 | | |

Safety

| | | | | | | |
|------------------------|--|------------|--|------------|--|--|
| Aging Hours | | 12 | | 12 | | |
| Ta (C/F) | | 40/104 | | 40/104 | | |
| Tc (C/F) | | 70/158 | | 70/158 | | |
| Grounding | | 0.5Ω/25A | | 0.5Ω/25A | | |
| Dielectric Voltage (V) | | 1800VAC,1S | | 1800VAC,1S | | |

Physical Data

| | | | | | |
|-----------------------|-----------------|--|--|--|--|
| Dimension - Body (mm) | 156mmx85mmx52mm | | | | |
| Material | Aluminum | | | | |
| Color | White | | | | |
| Weight (kg/lbs) | 0.955/2.11 | | | | |