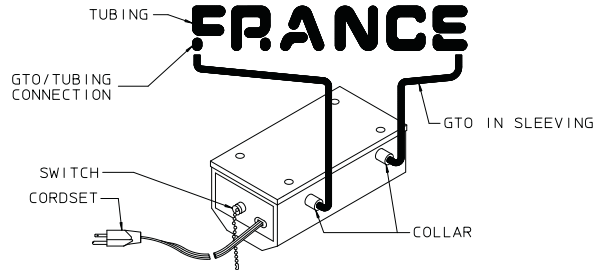


One End Ground P2G Installation Instructions



xb/60711

This Neon Transformer is Dry Type 7 and is suitable for use only in dry locations.

Connect the transformer cord and plug set to a three-wire socket that contains a line, neutral, and grounding conductor. The connection between the transformer secondary GTO cable and the neon tubing is to be insulated for the secondary output voltage involved. Encase the transformer secondary GTO cable in approved sleeving. Affix the sleeving to the transformer using the GTO exit collars provided. Mount the transformer to the sign frame with 6-32 screws.



LUMINOUS TUBE FOOTAGE CHART

| TRANSFORMER RATING | | Approximate Number of Feet of Tubing Operated ¹ | | | | | | | | | | | | | | | | |
|--------------------------------|--------------------------|---|----|----|----|----|----|----|----|--|----|----|----|----|----|----|----|---------------------|
| Secondary Voltage V | Short-Circuit Current mA | Clear or Fluorescent Red Neon (Also Recommended for Neon Fluorescent Gold Tube Size, Millimeters) | | | | | | | | Clear or Fluorescent Mercury Filled Tubes All Colors (All Enclosed Applications) ² Tube Size, Millimeters | | | | | | | | Secondary Voltage V |
| | | 18 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | 18 | 15 | 14 | 13 | 12 | 11 | 10 | 9 | |
| 15,000 | 30/60 | 72 | 60 | 54 | 50 | 45 | 40 | 36 | 32 | 80 | 72 | 64 | 60 | 54 | 48 | 44 | 39 | 15,000 |
| 12,000 | 30/60 | 55 | 45 | 42 | 39 | 35 | 32 | 29 | 26 | 62 | 55 | 50 | 46 | 42 | 38 | 35 | 31 | 12,000 |
| 10,500 | 30/60 | 48 | 39 | 36 | 34 | 31 | 28 | 25 | 22 | 54 | 48 | 43 | 40 | 37 | 33 | 30 | 27 | 10,500 |
| 9,000 | 30/60 | 40 | 33 | 30 | 29 | 26 | 24 | 21 | 18 | 45 | 40 | 36 | 33 | 31 | 26 | 25 | 22 | 9,000 |
| 7,500 | 30/60 | 28 | 26 | 24 | 22 | 21 | 19 | 17 | 15 | 35 | 31 | 28 | 27 | 25 | 23 | 20 | 18 | 7,500 |
| 6,000 | 30/60 | 23 | 20 | 19 | 18 | 16 | 15 | 13 | 12 | 26 | 24 | 23 | 21 | 19 | 18 | 16 | 14 | 6,000 |
| 5,000 | 30/60 | 19 | 17 | 16 | 15 | 12 | 11 | 10 | 8 | 23 | 20 | 19 | 16 | 15 | 13 | 12 | 10 | 5,000 |
| 4,000 | 30/60 | 16 | 13 | 12 | 11 | 10 | 9 | 8 | 7 | 19 | 16 | 14 | 13 | 12 | 10 | 9 | 8 | 4,000 |
| 3,000 | 30/60 | 11 | 10 | 9 | 9 | 8 | 7 | 6 | 5 | 14 | 12 | 11 | 10 | 9 | 8 | 7 | 6 | 3,000 |
| Recommended Gas Pressure mm/Hg | | 8 | 9 | 10 | 10 | 11 | 12 | 13 | 15 | 8 | 9 | 10 | 10 | 11 | 12 | 13 | 15 | |

(1) Based on average grade. (2) All enclosed applications. Exposed and extremely cold climates may require footage be reduced by 10-20%.

NOTE 1: Deduct approximately 1 foot from above figures for each pair of electrodes.

NOTE 2: Recommended gas pressure for 10-ft plus lengths. Increase 10% for tube lengths under 10 ft.

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