

## ELECTRICAL AND LOADING INFORMATION System TNP (standard-output transformer-operated cold cathode)

- Transformers are available in four sizes and can operate up to 80 feet of lamps each
- Available in 120 and 277 volts 60 Hz models
- Provided with secondary ground-fault protection circuitry\*
- Available in dimmable normal power factor (NPF), and nondimmable power factor corrected (HPF) models
- Transformers may be remotely located up to 20 feet away from lamps
- Sound rating: C (31-36 decibels)
- VA (volt amps) per foot utilizing dimmable normal power factor (NPF) transformers: 13.5
- VA (volt amps) per foot utilizing nondimmable power factor corrected (HPF) transformers: 7.0



### 120 volts 60 Hz operation, dimmable normal power factor (NPF) transformers

Catalog Number	T-5000-120-NPF-115	T-6000-120-NPF-115	T-7500-120-NPF-115	T-9000-120-NPF-115
Primary Amps	5.0	6.0	7.5	9.0
Primary VA	600	720	900	1100
Secondary Voltage	5000 volts	6000 volts	7500 volts	9000 volts
Weight	30 lbs.	35 lbs.	38 lbs.	50 lbs.
Lamp Footage	25 to 30 feet	35 to 45 feet	45 to 60 feet	60 to 80 feet

### 120 volts 60 Hz operation, nondimmable power factor corrected (HPF) transformers

Catalog Number	T-5000-120-HPF-115	T-6000-120-HPF-115	T-7500-120-HPF-115	T-9000-120-HPF-115
Primary Amps	2.5	3.0	3.75	4.5
Primary VA	300	360	450	600
Secondary Voltage	5000 volts	6000 volts	7500 volts	9000 volts
Weight	30 lbs.	35 lbs.	38 lbs.	50 lbs.
Lamp Footage	25 to 30 feet	35 to 45 feet	45 to 60 feet	60 to 80 feet

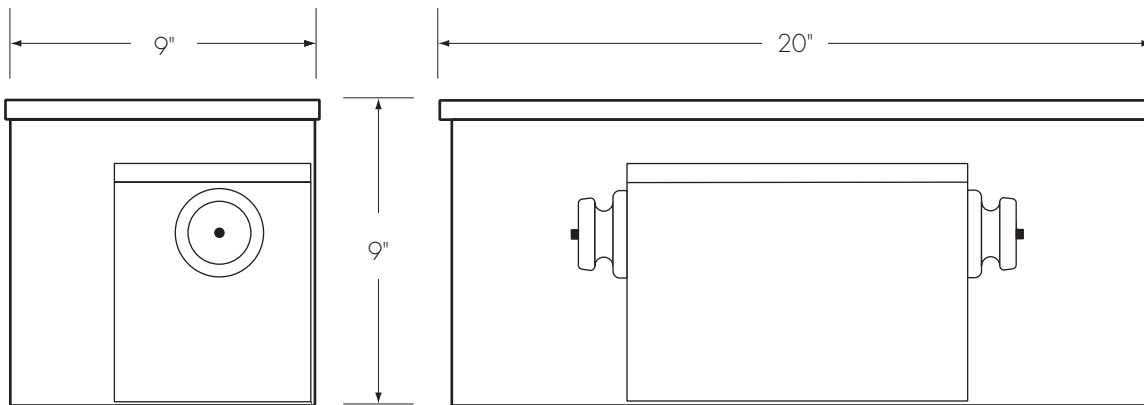
### 277 volts 60 Hz operation, dimmable normal power factor (NPF) transformers

Catalog Number	T-5000-120-NPF-277	T-6000-120-NPF-277	T-7500-120-NPF-277	T-9000-120-NPF-277
Primary Amps	2.2	2.6	3.25	3.95
Primary VA	600	720	900	1100
Secondary Voltage	5000 volts	6000 volts	7500 volts	9000 volts
Weight	30 lbs.	35 lbs.	38 lbs.	50 lbs.
Lamp Footage	25 to 30 feet	35 to 45 feet	45 to 60 feet	60 to 80 feet

\* available as of 12/2002

Dimensional information on reverse

## TRANSFORMER DIMENSIONS AND SPECIFICATIONS System TNP (standard-output transformer-operated cold cathode)



Transformers are shipped from the factory preassembled in a 20-gauge galvanized steel enclosure with integral external disconnect switch. Enclosures are provided 1/2" electrical knock-outs on two sides for conduit connection.

### Installation Guidelines

Install transformers as close to lamps as possible in order to keep the secondary feeds as short as possible. Transformers shall be installed in an accessible location by installation in an accessible electrical or maintenance closet, above a lay-in ceiling, or above an access panel (18" x 18" minimum size). Transformer location shall not exceed 100 degrees F. To avoid any electrical noise interfering with computer, public address, or telecommunication systems, all cold cathode transformers shall be supplied from distribution transformers dedicated to lighting only. If distribution or isolation transformers are not available, cold cathode transformers must be fed from a dedicated circuit with separate neutral wiring. Additionally, all cold cathode transformers, associated conduits and wiring shall maintain a 36" separation from any computer, public address, or telecommunications\* wiring and equipment.

\*Electronic telephone handsets are exceptionally sensitive to minute amounts of EMI (electromagnetic interference). Please allow at least 10 feet between a transformer location and any phone station.

See reverse for transformer loading and electrical information.

*Drawings not to scale*