

<b>Max. Lamps /Circuit</b>	<b>5W/24V</b>	<b>10W/24V</b>	<b>1W/12V</b>		
	<b>96 Lamps</b>	<b>48 Lamps</b>	<b>LED</b>		
<b>Lamp Spacing</b>	<b>Maximum Lengths</b>				
2.4" O.C.	9.6 FT.	19.2 FT.	4.8 FT.	9.6 FT.	80 FT.
3" O.C.	12 FT.	24 FT.	6 FT.	12 FT.	100 FT.
4" O.C.	16 FT.	32 FT.	8 FT.	16 FT.	133 FT.
6" O.C.	24 FT.	48 FT.	12 FT.	24 FT.	200 FT.

In designing a lighting system, consideration must be given to the following points:

1. Maximum length of each fixture run
2. Output load of each transformer circuit
3. Total load of transformer.

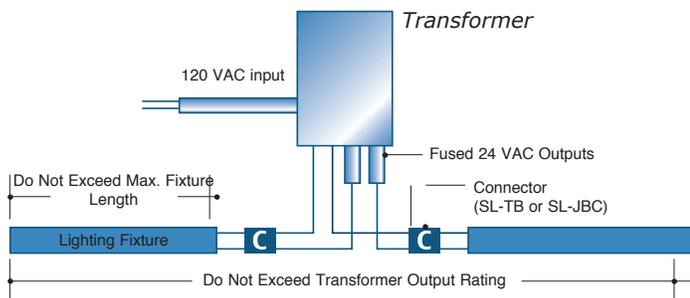
To avoid a voltage drop, long runs of the product can only be maintained by centrally locating the transformer and feeding fixtures on either side.

## TRANSFORMER SPECIFICATION GUIDE

Requested wattage of transformer	= Lamp Wattage	X number of lamp/ft	X Length
	5W 10W	2.4" O.C. = 5 lamps 3" O.C. = 4 lamps 4" O.C. = 3 lamps 5" O.C. = 2.4 lamps 6" O.C. = 2 lamps	

Requested wattage of transformer	= Lamp Wattage	X number of lamp/ft	X Length
150W	5W	4" O.C. = 3 LAMPS	10'

## WIRING DIAGRAM



## MAXIMUM FIXTURE SIZE

The maximum capacity of a fixture must not exceed 20 amps (480 watts @ 24 volts and 240 watts @ 12 volts). If a run length exceeds these limitations, then it should only be provided by multiple fixtures. Each fixture would then require an independent feed running to the transformer. Additionally, fixtures using 5-watt and 10-watt lamps 6" on center are further restricted in length to prevent excessive drops in voltage. Please call our technical department for more details.

## TRANSFORMERS



Transformers are UL- and CUL-listed for use with lighting fixtures. These transformers are for use with 120/240 VAC/60 Hz input. The 24/12 volt secondary outputs are protected by resettable breakers. The appropriate transformer can easily be determined by multiplying the number of lamps by the watts per lamp. For larger transformers (ODX-750S, ODC-750S, ODX-1000 and ODX-1200X), consideration should be given to the maximum capacity of each fused output. Capacities shown are conservative underestimates by approximately 10%.



Part#	Type	Output(12v)	Output(24V)	Approximate Sizes and Weight			
				Depth	Height	Width	Weight
EV24-150	Magnetic	1@150 watts	1@150 watts	3"	8"	4-3/16"	14 lbs.
EV24-200	Magnetic	1@200 watts	1@200 watts	3"	8"	4-3/16"	14 lbs.
ODC-250S	Magnetic	1@250 watts		3-3/8"	8-1/16"	4-3/16"	16 lbs.
ODX-250S-24	Magnetic		1@250 watts	3-3/8"	8-1/16"	4-3/16"	16 lbs.
EV24-300	Magnetic	1@300 watts	1@300 watts	3-3/8"	8-1/16"	4-3/16"	16 lbs.
ODX-500	Magnetic	2@250 watts	1@500 watts	4-1/4"	9-7/16"	4-11/16"	20 lbs.
ODX-600S	Magnetic	2@300 watts	1@600 watts	4-1/4"	9-7/16"	4-11/16"	20 lbs.
ODC-750S	Magnetic	3@250 watts		4-1/4"	9-7/16"	4-11/16"	28 lbs.
ODX-750S-24	Magnetic		2@375 watts	4-1/4"	9-7/16"	4-11/16"	28 lbs.
ODX-1000	Magnetic	4@250 watts	2@500 watts	4-15/32"	8-13/32"	7-13/16"	32 lbs.
ODX-1200S	Magnetic	4@300 watts	2@600 watts	5-7/16"	10-9/16"	6-3/4"	35 lbs.

