Electronic Ballast Data

Quad Tube One lamp

	26W			18W			13W	
	120V	277V	347V	120V	277V	347V	120V	277V	347V
Total System Watts	20W	29W	31W	20W	20W	20W	16W	17W	16W
Input Current (Amps)	0.17	0.11	0.09	0.17	0.08	0.06	0.13	0.06	0.08
Input Frequency	50Hz or 60Hz	50Hz or 60Hz	50Hz or 60Hz	50Hz or 60Hz	50Hz or 60Hz	50Hz or 60Hz	50Hz or 60Hz	50Hz or 60Hz	50Hz or 60Hz
Power Factor	>97%	>97%	>97%	>97%	>97%	>97%	>97%	>97%	>97%
Ballast Factor	>98%	>98%	1	>98%	>98%	1	>98%	>98%	1
Total Harmonic Distortion	<10%	<10%	<10%	<10%	<10%	<10%	<10%	<10%	<10%
Minimum Starting Temp.	-18C (0 F)	-18C (0 F)	-18C (0 F)	-18C (0 F)	-18C (0 F)	-18C (0 F)	-18C (0 F)	-18C (0 F)	-18C (0 F)

Quad Tube Two lamp

	26W			18W			13W	
	120V	277V	347V	120V	277V	347V	120V	277V	347V
Total System Watts	57W	57W	58W	38W	38W	36W	30W	30W	29W
Input Current (Amps)	0.48	0.21	0.17	0.32	0.14	0.11	0.25	0.11	0.08
Input Frequency	50Hz or 60Hz	50Hz or 60Hz	50Hz or 60Hz	50Hz or 60Hz	50Hz or 60Hz	50Hz or 60Hz	50Hz or 60Hz	50Hz or 60Hz	50Hz or 60Hz
Power Factor	>97%	>97%	>97%	>97%	>97%	>97%	>97%	>97%	>97%
Ballast Factor	>98%	>98%	1	>98%	>98%	1	>98%	>98%	1
Total Harmonic Distortion	<10%	<10%	<10%	<10%	<10%	<10%	<10%	<10%	<10%
Minimum Starting Temp.	-18C (0 F)	-18C (0 F)	-18C (0 F)	-18C (0 F)	-18C (0 F)	-18C (0 F)	-18C (0 F)	-18C (0 F)	-18C (0 F)

Triple Tube One lamp

	42W			32W			26W	
	120V	277V	347V	120V	277V	347V	120V	277V	347V
Total System Watts	44W	47W	48W	35W	35W	42W	28W	28W	38W
Input Current (Amps)	0.36	0.17	0.14	0.29	0.13	0.12	0.23	0.1	0.11
Input Frequency	50Hz or 60Hz	50Hz or 60Hz	50Hz or 60Hz	50Hz or 60Hz	50Hz or 60Hz	50Hz or 60Hz	50Hz or 60Hz	50Hz or 60Hz	50Hz or 60Hz
Power Factor	>97%	>97%	>97%	>97%	>97%	>97%	>97%	>97%	>97%
Ballast Factor	>98%	>98%	>98%	>98%	>98%	>98%	>98%	>98%	>98%
Total Harmonic Distortion	<10%	<10%	<10%	<10%	<10%	<10%	<10%	<10%	<10%
Minimum Starting Temp.	-18C (0 F)	-18C (0 F)	-18C (0 F)	-18C (0 F)	-18C (0 F)	-18C (0 F)	-18C (0 F)	-18C (0 F)	-18C (0 F)

Triple Tube Two lamp

	42W			32W			26W	
	120V	277V	347V	120V	277V	347V	120V	277V	347V
Total System Watts	96W	94W	N/A	74W	72W	N/A	58W	56W	N/A
Input Current (Amps)	0.8	0.35		0.61	0.26		0.45	0.21	
Input Frequency	50Hz or 60Hz	50Hz or 60Hz		50Hz or 60Hz	50Hz or 60Hz		50Hz or 60Hz	50Hz or 60Hz	
Power Factor	>97%	>97%		>97%	>97%		>97%	>97%	
Ballast Factor	>98%	>98%		>98%	>98%		>98%	>98%	
Total Harmonic Distortion	<10%	<10%		<10%	<10%		<10%	<10%	
Minimum Starting Temp.	-18C (0 F)	-18C (0 F)		-18C (0 F)	-18C (0 F)		-18C (0 F)	-18C (0 F)	

Double Quad Tube One lamp

	57W			70W			85W	
	120V	277V	347V	120V	277V	347V	120V	277V	347V
Total System Watts	59W	59W	N/A	75W	75W	N/A	98W	97W	N/A
Input Current (Amps)	0.50	0.21		0.63	0.27		0.82	0.36	
Input Frequency	50Hz or 60Hz	50Hz or 60Hz		50Hz or 60Hz	50Hz or 60Hz		50Hz or 60Hz	50Hz or 60Hz	
Power Factor	>98%	>98%		>98%	>98%		>99%	>98%	
Ballast Factor	0.94	0.94		0.96	0.96		1	1	
Total Harmonic Distortion	<10%	<10%		<10%	<10%		<10%	<10%	
Minimum Starting Temp.	-18C (0 F)	-18C (0 F)		-23C (-10 F)	-23C (-10 F)		-30C (-22F)	-30C (-22F)	

Twin Tube

	One lamp			Two Lamp		
	13W			13W		
	120V	277V	347V	120V	277V	347V
Total System Watts	16W	17W	N/A	27W	28W	N/A
Input Current (Amps)	0.13	0.06		0.22	0.1	
Input Frequency	50Hz or 60Hz	50Hz or 60Hz		50Hz or 60Hz	50Hz or 60Hz	
Power Factor	>97%	>97%		>97%	>97%	
Ballast Factor	1	1		1	1	
Total Harmonic Distortion	<10%	<10%		<10%	<10%	
Minimum Starting Temp.	-18C (0 F)	-18C (0 F)		-18C (0 F)	-18C (0 F)	

NOTE: This matrix and all of the ballast information listed in this catalog is for reference purposes only. Refer to ballast manufacturer's catalog for complete information.

T5 Circular

	55W			40W		
	120V	277V	347V	120V	277V	347V
Total System Watts	62W	61W	N/A	42W	42W	N/A
Input Current (Amps)	.51	.22		0.35	0.15	
Input Frequency	60Hz	60Hz		50Hz or 60Hz	50Hz or 60Hz	
Power Factor	>97%	>97%		>97%	>97%	
Ballast Factor	1	1		1	1	
Total Harmonic Distortion	<10%	<10%		<10%	<10%	
Minimum Starting Temp.	-18C (0 F)	-18C (0 F)		-18C (0 F)	-18C (0 F)	

Note: See individual specification sheets from ballast manufacturer for magnetic ballast information.