

Electronic Ballast Data

COMPACT FLUORESCENT

Quad Tube One lamp

Total System Watts
Input Current (Amps)
Input Frequency
Power Factor
Ballast Factor
Total Harmonic Distortion
Minimum Starting Temp.

26W			18W			13W		
120V	277V	347V	120V	277V	347V	120V	277V	347V
20W	29W	31W	20W	20W	20W	16W	17W	16W
0.17	0.11	0.09	0.17	0.08	0.06	0.13	0.06	0.08
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
>97%	>97%	>97%	>97%	>97%	>97%	>97%	>97%	>97%
>98%	>98%	1	>98%	>98%	1	>98%	>98%	1
<10%	<10%	<10%	<10%	<10%	<10%	<10%	<10%	<10%
-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

Total System Watts
Input Current (Amps)
Input Frequency
Power Factor
Ballast Factor
Total Harmonic Distortion
Minimum Starting Temp.

26W			18W			13W		
120V	277V	347V	120V	277V	347V	120V	277V	347V
57W	57W	58W	38W	38W	36W	30W	30W	29W
0.48	0.21	0.17	0.32	0.14	0.11	0.25	0.11	0.08
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
>97%	>97%	>97%	>97%	>97%	>97%	>97%	>97%	>97%
>98%	>98%	1	>98%	>98%	1	>98%	>98%	1
<10%	<10%	<10%	<10%	<10%	<10%	<10%	<10%	<10%
-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

Total System Watts
Input Current (Amps)
Input Frequency
Power Factor
Ballast Factor
Total Harmonic Distortion
Minimum Starting Temp.

42W			32W			26W		
120V	277V	347V	120V	277V	347V	120V	277V	347V
44W	47W	48W	35W	35W	42W	28W	28W	38W
0.36	0.17	0.14	0.29	0.13	0.12	0.23	0.1	0.11
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
>97%	>97%	>97%	>97%	>97%	>97%	>97%	>97%	>97%
>98%	>98%	>98%	>98%	>98%	>98%	>98%	>98%	>98%
<10%	<10%	<10%	<10%	<10%	<10%	<10%	<10%	<10%
-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

Total System Watts
Input Current (Amps)
Input Frequency
Power Factor
Ballast Factor
Total Harmonic Distortion
Minimum Starting Temp.

42W			32W			26W		
120V	277V	347V	120V	277V	347V	120V	277V	347V
96W	94W	N/A	74W	72W	N/A	58W	56W	N/A
0.8	0.35		0.61	0.26		0.45	0.21	
50Hz or 60Hz	50Hz or 60Hz		50Hz or 60Hz	50Hz or 60Hz		50Hz or 60Hz	50Hz or 60Hz	
>97%	>97%		>97%	>97%		>97%	>97%	
>98%	>98%		>98%	>98%		>98%	>98%	
<10%	<10%		<10%	<10%		<10%	<10%	
-18C (0 F)	-18C (0 F)		-18C (0 F)	-18C (0 F)		-18C (0 F)	-18C (0 F)	

Double Quad Tube One lamp

Total System Watts
Input Current (Amps)
Input Frequency
Power Factor
Ballast Factor
Total Harmonic Distortion
Minimum Starting Temp.

57W			70W			85W		
120V	277V	347V	120V	277V	347V	120V	277V	347V
59W	59W	N/A	75W	75W	N/A	98W	97W	N/A
0.50	0.21		0.63	0.27		0.82	0.36	
50Hz or 60Hz	50Hz or 60Hz		50Hz or 60Hz	50Hz or 60Hz		50Hz or 60Hz	50Hz or 60Hz	
>98%	>98%		>98%	>98%		>99%	>98%	
0.94	0.94		0.96	0.96		1	1	
<10%	<10%		<10%	<10%		<10%	<10%	
-18C (0 F)	-18C (0 F)		-23C (-10 F)	-23C (-10 F)		-30C (-22F)	-30C (-22F)	

Twin Tube

One lamp

Two Lamp

Total System Watts
Input Current (Amps)
Input Frequency
Power Factor
Ballast Factor
Total Harmonic Distortion
Minimum Starting Temp.

13W			13W		
120V	277V	347V	120V	277V	347V
16W	17W	N/A	27W	28W	N/A
0.13	0.06		0.22	0.1	
50Hz or 60Hz	50Hz or 60Hz		50Hz or 60Hz	50Hz or 60Hz	
>97%	>97%		>97%	>97%	
1	1		1	1	
<10%	<10%		<10%	<10%	
-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

Total System Watts
Input Current (Amps)
Input Frequency
Power Factor
Ballast Factor
Total Harmonic Distortion
Minimum Starting Temp.

55W			40W		
120V	277V	347V	120V	277V	347V
62W	61W	N/A	42W	42W	N/A
.51	.22		0.35	0.15	
60Hz	60Hz		50Hz or 60Hz	50Hz or 60Hz	
>97%	>97%		>97%	>97%	
1	1		1	1	
<10%	<10%		<10%	<10%	
-18C (0 F)	-18C (0 F)		-18C (0 F)	-18C (0 F)	

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