

- Rapid Starting Options
- Standard & High Performance Models
- 1-3 Lamp Applications

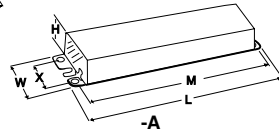
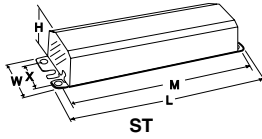
TRIAD® ELECTRONIC BALLASTS

FOR (1), (2) AND (3)
F30T12, F30T12ES, & (2)F32T12 LAMPS

Lamp		Line Volts	Catalog Number	Line Current (Amps)	Input Power (Watts)	Power Factor (PF)	Ballast Factor (BF)	Ballast Efficacy Factor (BEF)	THD %	Min. F/C Start Temp	Wiring Diag.	Dim.
Qty.	Starting Method											
F30T12 - Three Lamp Applications												
3	PAR-RS	120	B340R120HP ²	0.75	90	> .98	0.91	1.01	< 10	50/10	5	ST
		277	B340R277HP ²	0.33	90	> .98	0.91	1.01	< 10	50/10	5	ST
F30T12ES - Three Lamp Applications												
3	PAR-RS	120	B340R120HP ²	0.64	76	> .98	0.88	1.16	< 10	60/16	5	ST
		277	B340R277HP ²	0.28	76	> .98	0.88	1.16	< 10	60/16	5	ST
F32T12 - Two Lamp Applications												
2	SER-RS	120	B234SR120M-A	0.48	56	> .98	0.90	1.61	< 25	50/10	2	-A

² Consult Universal for Availability

Overall Dimensions		Mounting Dimensions				
Draw #	L	W	H	M	X	
ST	9.50"	2.40"	1.55"	8.89"	1.69"	
-A	9.50"	1.70"	1.18"	8.89"	1.69"	



WIRING DIAGRAMS

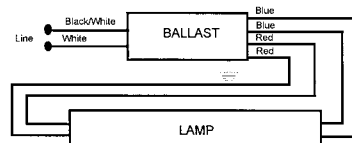
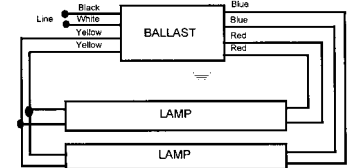


DIAGRAM 2



For One lamp Operation, Individually Cap
blue leads, Insulate to 600V
DIAGRAM 4

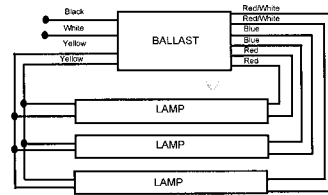
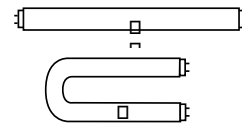


DIAGRAM 5

TRIAD® ELECTRONIC BALLASTS

FOR (1), (2) AND (3) F40T12 AND F34T12ES LAMPS

- Standard & High Performance Models
- Rapid Starting Options
- 1-3 Lamp Applications

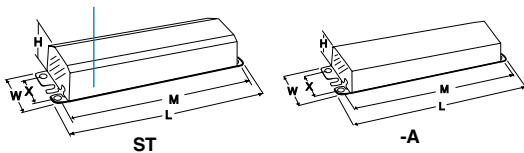


F40T12 & F34T12ES

Lamp		Line Volts	Catalog Number	Line Current (Amps)	Input Power (Watts)	Power Factor (PF)	Ballast Factor (BF)	Ballast Efficacy Factor (BEF)	THD %	Min. F/C Start Temp	Wiring Diag.	Dim.
Qty.	Starting Method											
F40T12 - One Lamp Applications												
1	RS	120	B134R120M-A	0.36	36	> .90	0.86	2.39	< 30	50/10	2	-A
		277	B234SR277M-A	0.17	42	> .88	0.94	2.24	< 30	50/10	4	-A
F40T12 - Two Lamp Applications												
2	SER-RS	120	B340R120HP ²	0.70	84	> .98	1.04	1.24	< 10	50/10	5	ST
		277	B340R277HP ²	0.31	84	> .98	1.04	1.24	< 10	50/10	5	ST
		120	B234SR120M-A	0.63	71	> .90	0.90	1.27	< 30	50/10	30	-A
		277	B234SR277M-A	0.26	70	> .90	0.87	1.24	< 30	50/10	4	-A
F40T12 - Three Lamp Applications												
3	PAR-RS	120	B340R120HP ²	0.94	113	> .99	0.88	0.78	< 10	50/10	5	ST
		277	B340R277HP ²	0.41	113	> .99	0.88	0.78	< 10	50/10	5	ST
F34T12ES - One Lamp Applications												
1	RS	120	B134R120M-A	0.30	31	> .90	0.86	2.77	< 30	60/16	2	-A
		277	B234SR277M-A	0.15	25	> .80	0.94	2.69	< 30	50/10	4	-A
F34T12ES - Two Lamp Applications												
2	SER-RS	120	B234SR120M-A	0.49	59	> .90	0.86	1.46	< 30	60/16	30	-A
		277	B234SR277M-A	0.23	60	> .90	0.87	1.45	< 30	50/10	4	-A
F34T12ES - Three Lamp Applications												
3	PAR-RS	120	B340R120HP ²	0.78	93	> .99	0.86	0.92	< 10	60/16	5	ST
		277	B340R277HP ²	0.34	93	> .99	0.86	0.92	< 10	60/16	5	ST

² Consult Universal for Availability

Overall Dimensions		Mounting Dimensions			
Draw #	L	W	H	M	X
ST	9.50"	2.40"	1.55"	8.89"	1.69"
-A	9.50"	1.70"	1.18"	8.89"	1.69"



WIRING DIAGRAMS

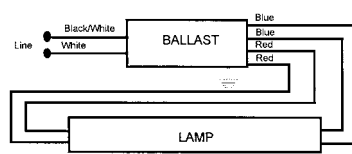
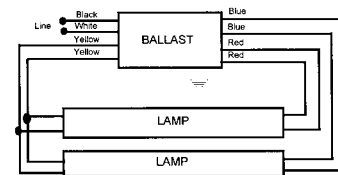


DIAGRAM 2



For One Lamp Applications, individually cap blue leads, Insulate to 600V

DIAGRAM 4

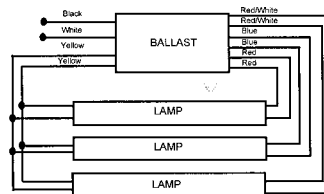
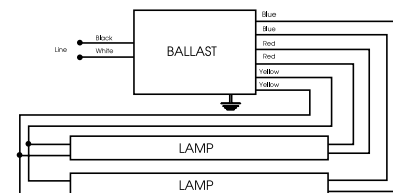


DIAGRAM 5



For One Lamp Operation, Individually cap yellow leads, Insulate to 600V

DIAGRAM 30