



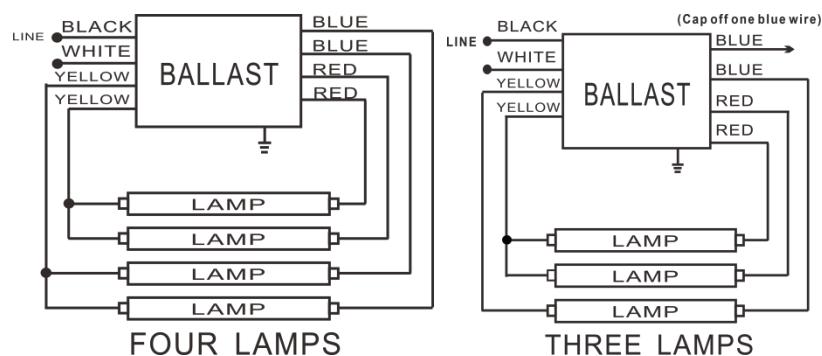
Model Name	03093B EL432-120/277HF 120V-277V
Ballast Type	Electronic
Starting Method	Instant Start
Lamp connection	Parallel
Input Voltage	120-277V
Input Frequency	50/60Hz
Warranty	3 Years 75°C ≤ TC ≤ 90°C

Safety & Performance



- Three or Four Lamps
- UL/cUL Listed
- UL Type 1 Outdoor
- FCC part 18 Class A
- Sound Rated Class A
- Class P Thermally Protected
- High Power Factor
- Surge Protected
- Auto Restart
- No PCBs
- Type HL
- DOE Energy Verified

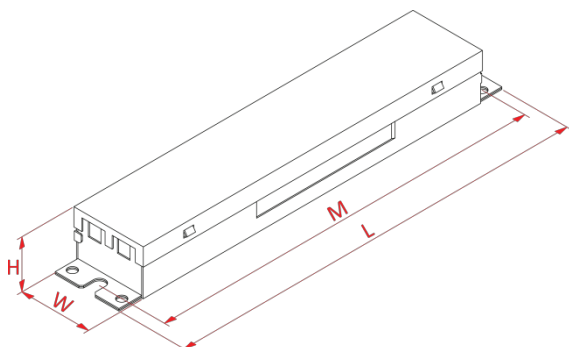
Wire Diagram



Lead Length	Inch	Cm
Black	21.65	55
White	21.65	55
Blue	29.53	75
Red	37.4	95
Yellow	39.37	100

Maximum Wiring Distance (at full load) is 18AWG/18Feet
Case must be grounded

Enclosure



Enclosure	Inch	Cm
Length(L)	9.5	24.1
Width(W)	1.7	4.3
Height(H)	1.2	3.05
Mounting(M)	8.9	22.6

Electrical Specification with Different Lamps

Lamp Type	No. of Lamps	Input Voltage (V)	Rated Lamp Watts	Start Temp Min. (F/C)	Input Current (Amps)	Input Power (ANSI Watts)	Ballast Factor	THD Max. (%)	Power Factor	Lamp Current Crest Factor Max.	BEF
F32T8	4	120	32	0/-18	0.94	112	0.88	10	0.99	1.7	0.79
		230			0.50			10	0.99		
		277			0.40			10	0.99		
	3	120	32	0/-18	0.75	90	0.97	10	0.99	1.7	1.08
		230			0.40			15	0.99		
		277			0.33			15	0.98		
F25T8	4	120	25	0/-18	0.71	85	0.89	10	0.98	1.7	1.05
		230			0.37			15	0.99		
		277			0.31			15	0.98		
	3	120	25	0/-18	0.59	69	0.97	15	0.95	1.7	1.41
		230			0.30			15	0.98		
		277			0.26			25	0.95		
F17T8	4	120	17	0/-18	0.48	57	0.92	15	0.99	1.7	1.61
		230			0.26			15	0.98		
		277			0.22			35	0.93		
	3	120	17	0/-18	0.41	49	1	15	0.99	1.7	2.04
		230			0.23			20	0.97		
		277			0.19			40	0.92		
F40T8	3	120	40	32/0	0.89	107	0.87	10	0.99	1.7	0.81
		230			0.48			15	0.99		
		277			0.40			15	0.99		

T8 Instant Start Ballast

Electrical Specification with Different Lamps

Lamp Type	No. of Lamps	Input Voltage (V)	Rated Lamp Watts	Start Temp Min. (F/C)	Input Current (Amps)	Input Power (ANSI Watts)	Ballast Factor	THD Max. (%)	Power Factor	Lamp Current Crest Factor Max.	BEF
F32T8/ES (30W)	4	120	30	32/0	0.88	103	0.88	10	0.99	1.7	0.85
		230			0.45			10	0.99		
		277			0.37			10	0.99		
	3	120	30	32/0	0.69	83	0.97	10	0.99	1.7	1.17
		230			0.36			10	0.99		
		277			0.30			10	0.99		
F32T8/ES (28W)	4	120	28	32/0	0.81	97	0.87	10	0.99	1.7	0.90
		230			0.43			10	0.99		
		277			0.35			10	0.99		
	3	120	28	32/0	0.65	78	0.97	10	0.99	1.7	1.24
		230			0.34			10	0.99		
		277			0.28			10	0.99		
F32T8/ES (25W)	4	120	25	32/0	0.72	86	0.88	10	0.99	1.7	1.02
		230			0.37			15	0.99		
		277			0.31			15	0.98		
	3	120	25	32/0	0.58	69	0.97	10	0.99	1.7	1.41
		230			0.30			15	0.98		
		277			0.26			25	0.95		