



High Efficiency Programmed Start

Universal Lighting Technologies' **ULTim8 Programmed Start** ballast family is ideal for providing maximum energy savings in frequently switched applications like those that have occupancy sensors installed. The ULTim8 Programmed Start ballasts are designed to quickly pre-heat lamp cathodes up to their optimum starting temperature and ignite the lamps within 700 milliseconds. The result is long lamp life without the typical long delay during turn-on.

The ULTim8 Programmed Start family also features parallel lamp technology so that when one lamp fails, the other lamps remain operational. This prevents fixtures from going dark and simplifies troubleshooting during maintenance.

The ULTim8 family of ballasts is designed for maximum energy savings and high efficiency. They are CEE and NEMA Premium compliant. For retrofit or new construction, the ULTim8 product line provides outstanding energy savings and lighting performance.

Features & Benefits

- **Quick Programmed Start Technology**
 - Start time less than 700ms
 - Maintains long lamp life in frequently switched applications
 - Ideal for use with occupancy sensors
- **True Parallel Lamp Operation**
 - When one lamp fails, other lamps continue to operate normally
 - Simplifies fixture troubleshooting
- **High Efficiency Operation**
 - Maximizes energy savings
 - Complies with CEE and NEMA Premium
 - Incorporates Anti-Striation circuitry
 - Designed for use with 30, 28 and 25 Watt energy saving lamps
- **Universal Input Voltage**
 - Installer friendly – works on any voltage from 120 to 277 Volts



Model #	Qty	Lamp Type	Nominal Line Amps (120/277)	Input Watts (120/277)	Ballast Factor
B232PUNVEL-B					
	1	F32T8	0.24/0.12	29/28	0.83
	1	F28T8	0.21/0.11	25/24	0.83
	1	F32T8/25W	0.20/0.11	24/23	0.83
	2	F32T8	0.38/0.16	46/44	0.71
	2	F28T8	0.33/0.15	40/39	0.71
	2	F32T8/25W	0.31/0.14	37/35	0.71
B332PUNVEL-A					
	3	F32T8	0.58/0.25	70/69	0.71
	3	F28T8	0.49/0.21	59/58	0.71
	3	F32T8/25W	0.46/0.20	55/54	0.71
B432PUNVEL-A					
	4	F32T8	0.76/0.33	91/90	0.71
	4	F28T8	0.64/0.28	77/76	0.71
	4	F32T8/25W	0.61/0.27	73/72	0.71
B232PUNVHE-B					
	1	F32T8	0.29/0.13	35/34	1.01
	1	F28T8	0.25/0.12	30/29	1.01
	1	F32T8/25W	0.23/0.12	28/27	1.05
	2	F32T8	0.46/0.20	55/54	0.88
	2	F28T8	0.39/0.17	46/45	0.88
	2	F32T8/25W	0.36/0.16	43/41	0.88
B332PUNVHE-A					
	3	F32T8	0.70/0.30	84/82	0.88
	3	F28T8	0.59/0.25	71/68	0.88
	3	F32T8/25W	0.55/0.24	66/65	0.88
B432PUNVHE-A					
	4	F32T8	0.91/0.39	109/107	0.87
	4	F28T8	0.77/0.33	92/90	0.87
	4	F32T8/25W	0.71/0.31	85/84	0.87

Ballasts also listed for use with:

F40T8, F25T8, F17T8, F32T8/30W and U-bend Lamps

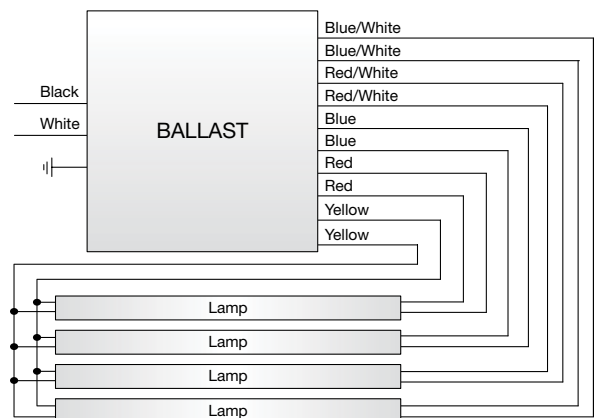
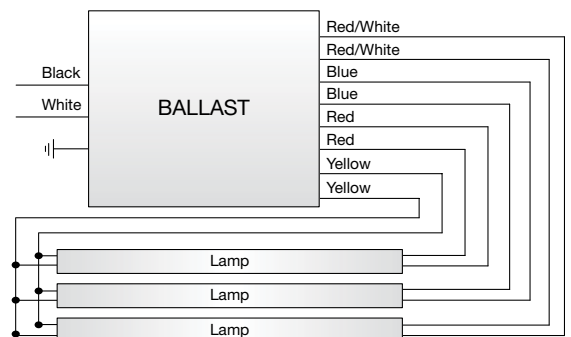
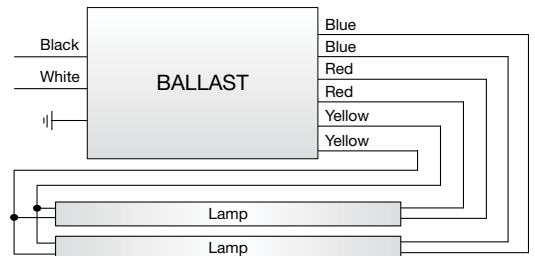
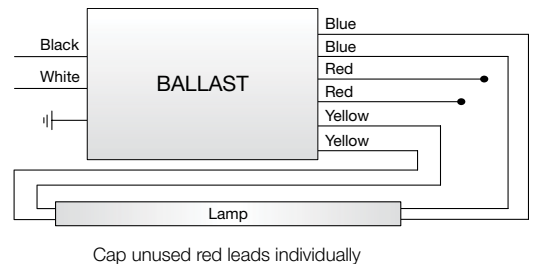
Minimum start temperature:

- * -20°F for 32, 25 and 17W lamps
- * 60°F for energy saving 4-foot lamps (30, 28 and 25W)

Total Harmonic Distortion (THD) < 10%

Power Factor (PF) > 90%

Consult Specification Sheets at www.unvlt.com for additional specification information



Dimensions (L x W x H)			
-A	9.5"	1.7"	1.18"
-B	9.5"	1.5"	1.0"