NEW

High Ballast Factor Ballasts Join Family

Universal is once again expanding its line of ULTim8® Programmed Start ballasts to include high ballast factor ballasts. Universal now offers a complete line of low (EL), normal (HE) and high (HEH) ballast factor models to meet your every need.

ULTim8® Programmed Start

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. Our **ULTim8 Programmed Start** ballasts are designed to quickly and consistently preheat all lamp cathodes resulting in a combination of exceptionally long lamp life and quick lamp starting.

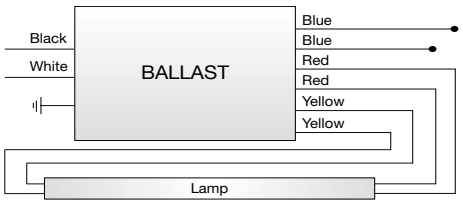
The **ULTim8 Programmed Start** family of products all feature true parallel lamp operation so that if any of the lamps fail (or are removed) all remaining lamps remain fully lit. This prevents fixtures from going dark and simplifies troubleshooting and maintenance.

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.

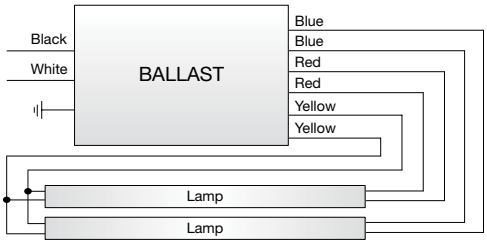
Features & Benefits

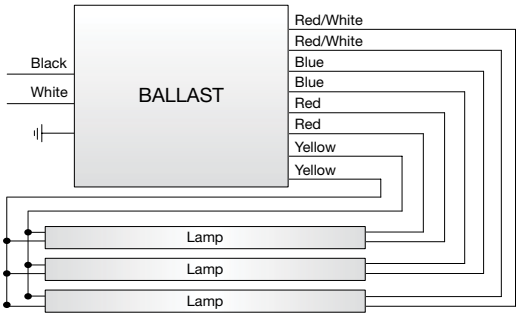
- **Quick Programmed Start Technology**
  - Start time less than 700ms
  - Maintains long lamp life in frequently switched applications
  - Ideal for use with occupancy sensors
- **True Parallel Lamp Operation**
  - When one lamp fails, other lamps continue to operate normally
  - Simplifies fixture troubleshooting
- **High Efficiency Design**
  - 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
- **Complete Product Offering**
  - Available in low, normal and high ballast factors
- **HEH high (1.18) ballast factor models are warranted for high ambient temperature applications**

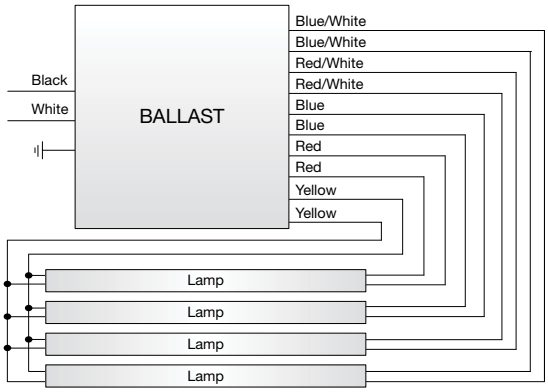
Model #	Qty	Lamp Type	Nominal Line Amps (120/277)	Input Watts (120/277)	Ballast Factor
B232PUNVEL-B					
	1	F32T8	0.24/0.12	29/28	0.83
	1	F28T8	0.21/0.11	25/24	0.83
	1	F32T8/25W	0.20/0.11	24/23	0.83
	2	F32T8	0.38/0.16	46/44	0.71
	2	F28T8	0.33/0.15	40/39	0.71
	2	F32T8/25W	0.31/0.14	37/35	0.71
B332PUNVEL-A					
	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
B232PUNVHEH-A					
	1	F32T8	0.40/0.18	47/47	1.34
	1	F28T8	0.35/0.15	39/39	1.35
	1	F32T8/25W	0.33/0.14	36/36	1.35
	2	F32T8	0.66/0.28	77/76	1.17
	2	F28T8	0.56/0.24	64/63	1.18
	2	F32T8/25W	0.51/0.22	59/58	1.18
B332PUNVHEH-A					
	3	F32T8	0.94/0.40	113/110	1.17
	3	F28T8	0.79/0.34	92/90	1.17
	3	F32T8/25W	0.72/0.31	87/86	1.17
B432PUNVHEH-E					
	4	F32T8	1.20/0.50	143/136	1.15
	4	F28T8	1.05/0.46	125/125	1.18
	4	F32T8/25W	1.04/0.45	124/118	1.18



Cap unused red leads individually







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%

RoHS Compliant

Dimensions (L x W x H)			
-A	9.5”	1.7”	1.18”
-B	9.5”	1.5”	1.0”
-E	16.88”	1.74”	1.18”

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

Data Subject to Change Without Notice

Lit#ULTIM8PS1012