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T8 Instant-Start		11.5W 2100 lm (4 ft. Glass)	16W 1800 lm (4 ft. Glass)	10.5W 1650 lm (4 ft.)	14.5W 2200 lm (4 ft.)	7W 1050 lm (2 ft.)	8.5W 1200 lm (3 ft.)	9W 1200 lm (3 ft.)	8.9W 1600 lm (4 ft.)	9.5W 1600 lm (4 ft.)	10W 1600 lm (4 ft.)	14W 2100 lm (4 ft.)	13W 2100 lm (4 ft.)	10W 1800 lm (4 ft. Glass)
		580266, 580274	580233	BAA	BAA	469270, 469288 469296, 469304 469429, 469445 469437, 541813 541821, 541839 541847	576777, 576785 576793	576801, 576819 576827	539858, 539874 539882, 539866	469320, 469338 469346, 469353 469452, 469478 469460	565580, 565598 565606, 565614	473974, 473982 473990, 474007 540807	468264, 468272 468280, 468298 469061, 469119	468694, 469569 469577, 469585 469593, 473966
Manufacturer	Ballast Model	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹
Advance	ICN-1P32-N													
Advance	ICN-2P32-N	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Advance	ICN-3P32-N					● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	
Advance	ICN-4P32-N	● Certified	● Certified			● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Advance	IOPA-1P32-N		◆ Inadvisable			◆ Inadvisable							◆ Inadvisable	◆ Inadvisable
Advance	IOPA-2P32-N	● Certified	● Certified			● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Advance	IOPA-3P32-N		● Certified			● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Advance	IOPA-4P32-N	● Certified	● Certified			● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Advance	IOPA-2P32-LW-N	● Certified	● Certified			● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Advance	IOPA-3P32-LW-N	● Certified	● Certified			● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Advance	IOPA-4P32-LW-N	● Certified	● Certified			● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Advance	IOPA-1P32-HL-N	● Certified	● Certified			● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Advance	IOPA-2P32-HL-N	● Certified				● Certified	● Certified	● Certified	● Certified	● Certified	● Certified		● Certified	● Certified
Advance	IOPA-3P32-HL-N	● Certified	● Certified			● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Advance	IOPA-4P32-HL-SC	● Certified	● Certified			● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Advance	GOPA-1P32-SC	● Certified	● Certified			● Certified		● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Advance	GOPA-2P32-SC					● Certified			● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Advance	GOPA-3P32-SC	● Certified	● Certified			● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Advance	GOPA-4P32-SC	● Certified	● Certified			● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Advance	GOPA-2P32-N	● Certified	● Certified			● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Advance	GOPA-2P32-LW-N	● Certified	● Certified			● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Advance	GOPA-1P32-LW-SC	● Certified				● Certified		● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Advance	GOPA-2P32-LW-SC	● Certified				● Certified			● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Advance	GOPA-3P32-LW-SC	● Certified				● Certified			● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Advance	GOPA-4P32-LW-SC	● Certified	● Certified			● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Advance	RES-2P32-N	● Certified	● Certified			● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Advance	REB-2P32-SC	● Certified	● Certified			● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Advance	REB-4P32-SC	● Certified	● Certified			● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Fulham Co., Inc	WH3-120-L		● Certified			● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Fulham Co., Inc	WH3-277-L		● Certified			● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Fulham Co., Inc	WH5-120-L					● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified		
Fulham Co., Inc	WH5-277-L		● Certified			● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Fulham Co., Inc	WHSG1-UNV-T8-IS		● Certified				Inadvisable	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Fulham Co., Inc	WHSG2-UNV-T8-IS		● Certified				● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Fulham Co., Inc	WHSG2-UNV-T8-LB		● Certified				● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Fulham Co., Inc	WHSG3-UNV-T8-IS			■ Certified	■ Certified	Inadvisable	Inadvisable	Inadvisable	● Certified	● Certified	● Certified			
Fulham Co., Inc	WHSG3-UNV-T8-LB			● Certified		Inadvisable	Inadvisable	Inadvisable	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Fulham Co., Inc	WHSG3-UNV-T8-HB			● Certified		Inadvisable	Inadvisable	Inadvisable	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified

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2. Typical application for U-Bent lamps is with 2-lamp ballasts.

		12 W 1800 lm (4 ft. Glass)	14 W 2100 lm (4 ft. Glass)	16W 1800 lm (4 ft. Glass)	17W 2100 lm (4 ft. Glass)	15.5 W 2500 lm (4 ft.)	16.5 W 2500 lm (4 ft.)	16 W 1800 lm (4 ft.)	7.5W 1100lm	10.5W 1500lm	12W 1800lm	12.5W 1800 lm (4 ft.)	13W 2100 lm (U-Bent) ²	
T8 Instant-Start														
UL Type A ballasts														
		530469, 530477 530485, 530493	470096, 470104 470112, 470120	542084, 542092 542100, 545616 544502, 544510 544486, 544494 544759, 545624 544916	456566, 456574 472878, 472886 472894, 472902 472910, 472928 472936, 472944 472968, 472976 479782, 479790			UniversalFit 539972, 539980 539148, 539155 539163, 542688 542696, 542704 565572, 565564 565556	Flex Fit 7.5T8/COR/ 24-5CCT	Flex Fit 10.5T8/COR/ 36-5CCT	Flex Fit 12T8/COR/ 48-5CCT	FlexFit	469379, 469387 469395, 469403 469411, 470625 541854, 541862 541870, 541888 545814, 544874 544882	
Manufacturer	Ballast Model	Performance¹	Performance¹	Performance¹	Performance¹	Performance¹	Performance¹	Performance¹	Performance¹	Performance¹	Performance¹	Performance¹	Performance¹	
Advance	ICN-1P32-N								● Certified	● Certified	● Certified	● Certified		
Advance	ICN-2P32-N	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified				● Certified		
Advance	ICN-3P32-N		● Certified		● Certified	● Certified	● Certified	● Certified				● Certified		
Advance	ICN-4P32-N	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified				● Certified		
Advance	IOPA-1P32-N			◆ Inadvisable	◆ Inadvisable	◆ Inadvisable	◆ Inadvisable	◆ Inadvisable	● Certified	● Certified	● Certified	● Certified	● Certified	◆ Inadvisable
Advance	IOPA-2P32-N	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified					● Certified	
Advance	IOPA-3P32-N	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified				● Certified		
Advance	IOPA-4P32-N	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified		
Advance	IOPA-2P32-LW-N	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	
Advance	IOPA-3P32-LW-N	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified			
Advance	IOPA-4P32-LW-N	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified			
Advance	IOPA-1P32-HL-N			● Certified	● Certified				● Certified	● Certified	● Certified			
Advance	IOPA-2P32-HL-N	● Certified	● Certified		● Certified	● Certified	● Certified		● Certified	● Certified	● Certified		● Certified	
Advance	IOPA-3P32-HL-N	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified						
Advance	IOPA-4P32-HL-SC	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified						
Advance	GOPA-1P32-SC	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	
Advance	GOPA-2P32-SC	● Certified	● Certified		● Certified	● Certified	● Certified		● Certified	● Certified	● Certified	● Certified	● Certified	
Advance	GOPA-3P32-SC	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	
Advance	GOPA-4P32-SC	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	
Advance	GOPA-2P32-N	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified				● Certified	● Certified	
Advance	GOPA-2P32-LW-N	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified				● Certified	● Certified	
Advance	GOPA-1P32-LW-SC	● Certified	● Certified		● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	
Advance	GOPA-2P32-LW-SC	● Certified	● Certified		● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	
Advance	GOPA-3P32-LW-SC	● Certified	● Certified		● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	
Advance	GOPA-4P32-LW-SC	● Certified	● Certified		● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	
Advance	RES-2P32-N	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified					● Certified	
Advance	REB-2P32-SC	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified						
Fulham Co., Inc	WH3-120-L	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified					● Certified	
Fulham Co., Inc	WH3-277-L	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified						
Fulham Co., Inc	WH5-120-L													
Fulham Co., Inc	WH5-277-L	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified					
Fulham Co., Inc	WHSG1-UNV-T8-IS	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified				● Certified	
Fulham Co., Inc	WHSG2-UNV-T8-IS	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified				● Certified	
Fulham Co., Inc	WHSG2-UNV-T8-LB	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified					
Fulham Co., Inc	WHSG3-UNV-T8-IS													
Fulham Co., Inc	WHSG3-UNV-T8-LB	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified					
Fulham Co., Inc	WHSG3-UNV-T8-HB	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified				● Certified	

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T8 Instant-Start		11.5W 2100m (4ft. Glass)	16W 1800 lm (4 ft. Glass)	10.5W 1650 lm (4 ft.)	14.5W 2200 lm (4 ft.)	7 W 1050 lm (2 ft.)	8.5 W 1200 lm (3 ft.)	9 W 1200 lm (3 ft.)	8.9 W 1600 lm (4 ft.)	9.5 W 1600 lm (4 ft.)	10 W 1600 lm (4 ft.)	14 W 2100 lm (4 ft.)	13 W 2100 lm (4 ft.)	10 W 1800 lm (4 ft. Glass)
		580266, 580274	580233	BAA	BAA	469270, 469288 469296, 469304 469437, 469445 541821, 541839 541847	469320, 469338 469346, 469353 469452, 469478 539882, 539866 469460	539858, 539874 565580, 565598 565606, 565614 540807	473974, 473982 473990, 474007 469593, 473966	468264, 468272 468280, 468298 468694, 469569 469577, 469585 469593, 473966	468306, 468314 468322, 468330 469061, 469619 469627, 469635 468652, 468660	473926, 473934 473942, 473958	541986, 541994 553214, 553222 553230, 553248	
Manufacturer	Ballast Model	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹
Fulham Co., Inc	WH42-UNV-L		● Certified			● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Fulham Co., Inc	WH43-UNV-L		● Certified			◆ Inadvisable	◆ Inadvisable	◆ Inadvisable	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Fulham Co., Inc	WH44-UNV-L					◆ Inadvisable	◆ Inadvisable	◆ Inadvisable	● Certified	● Certified	● Certified			
Fulham Co., Inc / Leviton	Zipline (361RC-Z03)					◆ Inadvisable	◆ Inadvisable	◆ Inadvisable	● Certified	● Certified	● Certified			
Univ. Lighting Tech.	B132IUNVHP-N	■ Certified	■ Certified			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Univ. Lighting Tech.	B232IUNVHP-N	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Univ. Lighting Tech.	B332IUNVHP-A	■ Certified	■ Certified	■ Certified	■ Certified		■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Univ. Lighting Tech.	B432IUNVHP-A	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Univ. Lighting Tech.	B132IUNVHE-A	■ Certified	■ Certified			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Univ. Lighting Tech.	B232IUNVHE-A	■ Certified	■ Certified			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Univ. Lighting Tech.	B332IUNVHE-A	■ Certified	■ Certified			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Univ. Lighting Tech.	B432IUNVHE-A	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Univ. Lighting Tech.	B132IUNVEL-A	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Univ. Lighting Tech.	B232IUNVEL-A	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Univ. Lighting Tech.	B332IUNVEL-A		■ Certified			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Univ. Lighting Tech.	B432IUNVEL-A	■ Certified	■ Certified			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Univ. Lighting Tech.	B232IUNVHEH-A	■ Certified	■ Certified			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Univ. Lighting Tech.	B332IUNVHEH-A	■ Certified	■ Certified			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Univ. Lighting Tech.	B432I277HEH	■ Certified	■ Certified			■ Certified			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Univ. Lighting Tech.	B232I347HP-A	■ Certified	■ Certified			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Univ. Lighting Tech.	B432I347HP	■ Certified	■ Certified			■ Certified			■ Certified	■ Certified	■ Certified		■ Certified	■ Certified
General Electric	GE-132-MV-N	■ Certified											■ Certified	■ Certified
General Electric	GE-232-MV-N	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
General Electric	GE-332-MV-N	■ Certified	■ Certified			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
General Electric	GE-232-MV-N-DIY	■ Certified	■ Certified			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
General Electric	GE-332-MV-N-DIY	■ Certified	■ Certified			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
General Electric	GE-432-MV-N-DIY	■ Certified	■ Certified			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
General Electric	GE232MAX-N/ULTRA	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
General Electric	GE332MAX-N/ULTRA			■ Certified	■ Certified	■ Certified						■ Certified	■ Certified	■ Inadvisable
General Electric	GE432MAX-N/ULTRA	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified						■ Certified	■ Certified	■ Certified
General Electric	GE232MAX-L/ULTRA	■ Certified				■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
General Electric	GE332MAX-L/ULTRA	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
General Electric	GE432MAX-L/ULTRA			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified		■ Certified	■ Certified	■ Inadvisable
General Electric	GE132MAX-H/ULTRA	■ Certified										■ Certified	■ Certified	■ Certified
General Electric	GE232MAX-H/ULTRA			◆ Inadvisable			■ Certified	■ Certified	■ Certified			■ Certified	■ Certified	
General Electric	GE332MAX-H/ULTRA	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
General Electric	GE432MAX-H/ULTRA											■ Certified	■ Certified	

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		530469, 530477 530485, 530493	470096, 470104 470112, 470120	542084, 542092 542100, 545616 544502, 544510 544486, 544494 544759, 545624 544916	456566, 456574 472878, 472886 472894, 472902 472910, 472928 472936, 472944 472968, 472976 479782, 479790	545178, 533372 545194, 545200	463133, 463141 463158, 468892	539972, 539980 539148, 539155 539163, 542688 542696, 542704 565572, 565564 565556	UniversalFit 7.5T8/COR/ 24-5CCT	Flex Fit 10.5T8/COR/ 36-5CCT	Flex Fit 12T8/COR/ 48-5CCT	Flex Fit	FlexFit	469379, 469387 469395, 469403 469411, 470625 541854, 541862 541870, 541888 545814, 544874 544882
Manufacturer	Ballast Model	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹
Fulham Co., Inc	WH42-UNV-L	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified					● Certified	
Fulham Co., Inc	WH43-UNV-L	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified					● Certified	
Fulham Co., Inc	WH44-UNV-L													
Fulham Co., Inc / Leviton	Zipline (361RC-Z03)													
Universal Lighting Tech.	B132IUNVHP-N	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
Universal Lighting Tech.	B232IUNVHP-N	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
Universal Lighting Tech.	B332IUNVHP-A	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
Universal Lighting Tech.	B432IUNVHP-A	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
Universal Lighting Tech.	B132IUNVHE-A	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
Universal Lighting Tech.	B232IUNVHE-A	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
Universal Lighting Tech.	B332IUNVHE-A	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
Universal Lighting Tech.	B432IUNVHE-A	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
Universal Lighting Tech.	B132IUNVEL-A	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
Universal Lighting Tech.	B232IUNVEL-A	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
Universal Lighting Tech.	B332IUNVEL-A	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
Universal Lighting Tech.	B432IUNVEL-A	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
Universal Lighting Tech.	B232IUNVHEH-A	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
Universal Lighting Tech.	B332IUNVHEH-A	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
Universal Lighting Tech.	B432I277HEH	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
Universal Lighting Tech.	B232I347HP-A	■ Certified	■ Certified	■ Certified		■ Certified		■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
Universal Lighting Tech.	B432I347HP	■ Certified	■ Certified	■ Certified		■ Certified		■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
General Electric	GE-132-MV-N	■ Certified	■ Certified		■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
General Electric	GE-232-MV-N	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
General Electric	GE-332-MV-N	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
General Electric	GE-232-MV-N-DIY	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
General Electric	GE-332-MV-N-DIY	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
General Electric	GE-432-MV-N-DIY	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
General Electric	GE232MAX-N/ULTRA	■ Certified	■ Certified	■ Certified	◆ Inadvisable	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
General Electric	GE332MAX-N/ULTRA	◆ Inadvisable	◆ Inadvisable		■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
General Electric	GE432MAX-N/ULTRA	■ Certified	■ Certified	■ Certified					■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
General Electric	GE232MAX-L/ULTRA	■ Certified	■ Certified		■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
General Electric	GE332MAX-L/ULTRA	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
General Electric	GE432MAX-L/ULTRA	◆ Inadvisable	◆ Inadvisable		■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
General Electric	GE132MAX-H/ULTRA	■ Certified	■ Certified						■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
General Electric	GE232MAX-H/ULTRA			◆ Inadvisable	◆ Inadvisable	◆ Inadvisable	◆ Inadvisable	◆ Inadvisable	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
General Electric	GE332MAX-H/ULTRA	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
General Electric	GE432MAX-H/ULTRA	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	

1. System performance ● Certified means Philips InstantFit LED T8 lamps and ballasts have been evaluated by the lamp and ballast manufacturer.

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System performance blank field means consult factory.

2. Typical application for U-Bent lamps is with 2-lamp ballasts.

		11.5W 2100 lm (4 ft. Glass)	16W 1800 lm (4 ft. Glass)	10.5W 1650 lm (4 ft.)	14.5W 2200 lm (4 ft.)	7W 1050 lm (2 ft.)	8.5W 1200 lm (3 ft.)	9W 1200 lm (3 ft.)	8.9W 1600 lm (4 ft.)	9.5W 1600 lm (4 ft.)	10W 1600 lm (4 ft.)	14W 2100 lm (4 ft.)	13W 2100 lm (4 ft.)	10W 1800 lm (4 ft. Glass)
T8 Instant-Start				BAA	BAA	469270, 469288 469296, 469304 469429, 469445 469437, 541813 541821, 541839 541847		469320, 469338 469346, 469353			468264, 468272 468280, 468298 468694, 469569 469577, 469585 469593, 473966	468306, 468314 468322, 468330 469061, 469619 469627, 469635 468652, 468660		
UL Type A ballasts		580266, 580274	580233	576777, 576785 576793	576801, 576819 576827	539858, 539874 539882, 539866	469452, 469478 469460	565580, 565598 565606, 565614	473974, 473982 473990, 474007 540807		468678, 468686	473926, 473934 473942, 473958	541986, 541994 553214, 553222 553230, 553248	
Manufacturer	Ballast Model	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹
General Electric	GE232MAX347-N	■ Certified				■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
General Electric	GE432MAX347-N			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
General Electric	GE232-120RES-DIY	■ Certified	■ Certified			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
General Electric	GE432-120RES-DIY	■ Certified	■ Certified			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Osram Sylvania	QTP 1x32T8/UNV ISN-SC	■ Certified	■ Certified			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Osram Sylvania	QTP 2x32T8/UNV ISN-SC	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Osram Sylvania	QTP 3x32T8/UNV ISN-SC	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Osram Sylvania	QTP 4x32T8/UNV ISN-SC	■ Certified	■ Certified			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Osram Sylvania	QTP 2X32T8/347 ISN-SC	■ Certified	■ Certified			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Osram Sylvania	QHE 1x32T8/UNV ISN-SC	■ Certified		■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Osram Sylvania	QHE 2x32T8/UNV ISN-SC	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Osram Sylvania	QHE 3x32T8/UNV ISN-SC	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Osram Sylvania	QHE 4x32T8/UNV ISN-SC	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Osram Sylvania	QHE 4X32T8/347 ISN-SC	■ Certified	■ Certified			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Osram Sylvania	QHE 1x32T8/UNV ISL-SC	■ Certified		■ Certified	■ Certified	■ Certified		■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Osram Sylvania	QHE 2x32T8/UNV ISL-SC	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Osram Sylvania	QHE 3x32T8/UNV ISL-SC	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Osram Sylvania	QHE 4x32T8/UNV ISL-SC	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Osram Sylvania	QHE 1x32T8/UNV ISH-SC	■ Certified		■ Certified	■ Certified	■ Certified		■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Osram Sylvania	QHE 2x32T8/UNV ISH-SC	■ Certified		■ Certified	■ Certified	■ Certified		■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Osram Sylvania	QHE 3x32T8/UNV ISH-SC	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified		■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Osram Sylvania	QHE 4x32T8/UNV ISH-SC	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified		■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Osram Sylvania	QHE 1x32T8/UNV ISH-HT-SC	■ Certified	■ Certified			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Osram Sylvania	QHE 2x32T8/UNV ISH-HT-SC	■ Certified	■ Certified	■ Certified		■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Osram Sylvania	QHE 3x32T8/UNV ISH-HT-1	■ Certified		■ Certified		■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Osram Sylvania	QHE 1x32T8/UNV ISN-SC-1	■ Certified	■ Certified			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Osram Sylvania	QHE 2x32T8/UNV ISN-SC-1	■ Certified	■ Certified			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Osram Sylvania	QHE 3x32T8/UNV ISN-SC-1	■ Certified	■ Certified			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Osram Sylvania	QHE 4x32T8/UNV ISN-SC-1	■ Certified	■ Certified			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Osram Sylvania	QHE 1x32T8/UNV ISL-SC-1	■ Certified				■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Osram Sylvania	QHE 2x32T8/UNV ISL-SC-1	■ Certified	■ Certified			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Osram Sylvania	QHE 4x32T8/UNV ISL-SC-1	■ Certified	■ Certified			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Ultrasave	UT232347	■ Certified	■ Certified			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Ultrasave	UT432347					■ Certified		■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	

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T8 Instant-Start														
UL Type A ballasts														
		530469, 530477 530485, 530493	470096, 470104 470112, 470120	542084, 542092 542100, 545616 544502, 544510 544486, 544494 544759, 545624 544916	456566, 456574 472878, 472886 472894, 472902 472910, 472928 472936, 472944 472968, 472976 479782, 479790	545178, 533372 545194, 545200	463133, 463141 463158, 468892	565556	UniversalFit 539972, 539980 539148, 539155 539163, 542688 542696, 542704	Flex Fit 7.5T8/COR/ 24-5CCT	Flex Fit 10.5T8/COR/ 36-5CCT	Flex Fit 12T8/COR/ 48-5CCT	FlexFit	469379, 469387 469395, 469403 469411, 470625 541854, 541862 541870, 541888 545814, 544874 544882
Manufacturer	Ballast Model	Performance¹	Performance¹	Performance¹	Performance¹	Performance¹	Performance¹	Performance¹	Performance¹	Performance¹	Performance¹	Performance¹	Performance¹	
General Electric	GE232MAX347-N	■ Certified	■ Certified			■ Certified	■ Certified	■ Certified				■ Certified	■ Certified	
General Electric	GE432MAX347-N				■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified		
General Electric	GE232-120RES-DIY	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
General Electric	GE432-120RES-DIY	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified			■ Certified			
Osram Sylvania	QTP 1x32T8/UNV ISN-SC	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
Osram Sylvania	QTP 2x32T8/UNV ISN-SC	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
Osram Sylvania	QTP 3x32T8/UNV ISN-SC	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
Osram Sylvania	QTP 4x32T8/UNV ISN-SC	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
Osram Sylvania	QTP 2X32T8/347 ISN-SC	■ Certified	■ Certified	■ Certified		■ Certified		■ Certified					■ Certified	
Osram Sylvania	QHE 1x32T8/UNV ISN-SC	■ Certified	■ Certified		■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
Osram Sylvania	QHE 2x32T8/UNV ISN-SC	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified				■ Certified	■ Certified	
Osram Sylvania	QHE 3x32T8/UNV ISN-SC	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
Osram Sylvania	QHE 4x32T8/UNV ISN-SC	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified				■ Certified		
Osram Sylvania	QHE 4X32T8/347 ISN-SC	■ Certified	■ Certified	■ Certified		■ Certified		■ Certified				■ Certified		
Osram Sylvania	QHE 1x32T8/UNV ISL-SC	■ Certified	■ Certified		■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
Osram Sylvania	QHE 2x32T8/UNV ISL-SC	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
Osram Sylvania	QHE 3x32T8/UNV ISL-SC	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
Osram Sylvania	QHE 4x32T8/UNV ISL-SC	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
Osram Sylvania	QHE 1x32T8/UNV ISH-SC	■ Certified	■ Certified		■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
Osram Sylvania	QHE 2x32T8/UNV ISH-SC	■ Certified	■ Certified		■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
Osram Sylvania	QHE 3x32T8/UNV ISH-SC	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
Osram Sylvania	QHE 4x32T8/UNV ISH-SC	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
Osram Sylvania	QHE 1x32T8/UNV ISH HT SC	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
Osram Sylvania	QHE 2x32T8/UNV ISH HT SC	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
Osram Sylvania	QHE 4X32T8/UNV ISH-HT-1	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
Osram Sylvania	QHE 1x32T8/UNV ISN-SC-1	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
Osram Sylvania	QHE 2x32T8/UNV ISN-SC-1	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
Osram Sylvania	QHE 3x32T8/UNV ISN-SC-1	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
Osram Sylvania	QHE 4x32T8/UNV ISN-SC-1	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Inadvisable	■ Certified	■ Certified	■ Certified	■ Certified	
Osram Sylvania	QHE 1x32T8/UNV ISL-SC-1	■ Certified	■ Certified			■ Certified		■ Certified		■ Certified	■ Certified	■ Certified	■ Certified	
Osram Sylvania	QHE 2x32T8/UNV ISL-SC-1	■ Certified	■ Certified		■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
Osram Sylvania	QHE 4X32T8/UNV ISL-SC-1	■ Certified	■ Certified		■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
Ultrasave	UT232347	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
Ultrasave	UT432347				■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	

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System performance blank field means consult factory.

2. Typical application for U-Bent lamps is with 2-lamp ballasts.

		11.5W 2100 lm (4 ft. Glass)	16W 1800 lm (4 ft. Glass)	10.5W 1650 lm (4 ft.)	14.5W 2200 lm (4 ft.)	7W 1050 lm (2 ft.)	8.5W 1200 lm (3 ft.)	9W 1200 lm (3 ft.)	8.9W 1600 lm (4 ft.)	9.5W 1600 lm (4 ft.)	10W 1600 lm (4 ft.)	14W 2100 lm (4 ft.)	13W 2100 lm (4 ft.)	10W 1800 lm (4 ft. Glass)
T8 Instant-Start				BAA	BAA	469270, 469288 469296, 469304 469429, 469445 469437, 541813 541821, 541839 541847		469320, 469338 469346, 469353			468264, 468272 468280, 468298 468694, 469569 469577, 469585 469593, 473966	468306, 468314 468322, 468330 469061, 469619 469627, 469635 468652, 468660		
UL Type A ballasts		580266, 580274	580233	576777, 576785 576793	576801, 576819 576827	539858, 539874 539882, 539866	469452, 469478 469460	565580, 565598 565606, 565614	473974, 473982 473990, 474007 540807		468678, 468686	473942, 473958	541986, 541994 553214, 553222 553230, 553248	
Manufacturer	Ballast Model	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹
Hatch	HL232AIS/UV/HE/W					■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Hatch	HL332AIS/UV/HE/W	■ Certified	■ Certified			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Hatch	HL232BIS/UV/HE/W	■ Certified	■ Certified			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Hatch	HL432BIS/UV/HE/W	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Hatch	HL232AIS/34/HE/W		■ Certified			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified				
Hatch	HL432AIS/34/HE/W	■ Certified				■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Accupro	AK-RC-232IP-UNV	■ Certified	■ Certified			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Accupro	AP-232IP-UNV-M	■ Certified	■ Certified						■ Certified	■ Certified				■ Certified
Accupro	AP-332IP-UNV	■ Certified	■ Certified			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Howard Industries	EP2/32IS/MV/MC/HE	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified		■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Howard Industries	EP4/32IS/MV/MC	■ Certified	■ Certified			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
Howard Industries	EP4/32IS/MV/MC/HE	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified		■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Fusion	FB232347E-N					■ Certified	■ Certified	■ Certified						
Fusion	FB232MVE	■ Certified	■ Certified			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Fusion	FB432MVE-N	■ Certified	■ Certified			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Keystone	KTEB-132-UV-IS-N-P	■ Certified	■ Certified			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Keystone	KTEB-232RIS-1-TP-SL	■ Certified	■ Certified			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Keystone	KTEB-232-UV-IS-L-P		■ Certified			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Keystone	KTEB-232-UV-IS-N-P	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Keystone	KTEB-332-UV-IS-L-P	■ Certified	■ Certified			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Keystone	KTEB-332-UV-IS-N-P	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Keystone	KTEB-432RIS-1-TP-SL	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified				■ Certified
Keystone	KTEB-432-UV-IS-N-P	■ Certified	■ Certified			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Keystone	KTEB-432-UV-PS-N-P	■ Certified	■ Certified			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
ESPEN	VE232120HIP	■ Certified	■ Certified			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
ESPEN	VE232MVIHPE	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
ESPEN	VE232MVHIPHE	■ Certified	■ Certified			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
ESPEN	VE232MVIHPE	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
ESPEN	VE332120MIP	■ Certified	■ Certified			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
ESPEN	VE332MVHIPHE	■ Certified	■ Certified	■ Certified		■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
ESPEN	VE432120MIP	■ Certified	■ Certified			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
ESPEN	VE432MVIHPE	■ Certified	■ Certified			■ Certified		■ Certified		■ Certified				■ Certified
ESPEN	VE432MVIHPE	■ Certified	■ Certified			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
ESPEN	VE432MVHIPHE	■ Certified	■ Certified	■ Certified		■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
ESPEN	VE432MVHIPHE	■ Certified	■ Certified	■ Certified		■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified

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2. Typical application for U-Bent lamps is with 2-lamp ballasts.

		12 W 1800 lm (4 ft. Glass)	14 W 2100 lm (4 ft. Glass)	16W 1800 lm (4 ft. Glass)	17W 2100 lm (4 ft. Glass)	15.5 W 2500 lm (4 ft.)	16.5 W 2500 lm (4 ft.)	16 W 1800 lm (4 ft.)	7.5W 1100lm	10.5W 1500lm	12W 1800lm	12.5W 1800 lm (4 ft.)	13W 2100 lm (U-Bent) ²	
T8 Instant-Start														
UL Type A ballasts														
		530469, 530477 530485, 530493	470096, 470104 470112, 470120	542084, 542092 542100, 545616 544502, 544510 544486, 544494 544759, 545624 544916	456566, 456574 472878, 472886 472894, 472902 472910, 472928 472936, 472944 472968, 472976 479782, 479790	545178, 533372 545194, 545200	463133, 463141 463158, 468892	539163, 542688 542696, 542704 565556	UniversalFit 539972, 539980 539148, 539155 24-5CCT	Flex Fit 7.5T8/COR/ 36-5CCT	Flex Fit 10.5T8/COR/ 48-5CCT	Flex Fit 12T8/COR/ 48-5CCT	FlexFit	469379, 469387 469395, 469403 469411, 470625 541854, 541862 541870, 541888 545814, 544874 544882
Manufacturer	Ballast Model	Performance¹	Performance¹	Performance¹	Performance¹	Performance¹	Performance¹	Performance¹	Performance¹	Performance¹	Performance¹	Performance¹	Performance¹	
Hatch	HL232AIS/UV/HE/W	■ Certified				■ Certified		■ Certified						■ Certified
Hatch	HL332AIS/UV/HE/W	■ Certified		■ Certified		■ Certified		■ Certified						
Hatch	HL232BIS/UV/HE/W	■ Certified		■ Certified		■ Certified		■ Certified						■ Certified
Hatch	HL432BIS/UV/HE/W	■ Certified		■ Certified		■ Certified		■ Certified						
Hatch	HL232AIS/34/HE/W		■ Certified				■ Certified							■ Certified
Hatch	HL432AIS/34/HE/W	■ Certified			■ Certified		■ Certified							
Accupro	AK-RC-232IP-UNV	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified						■ Certified
Accupro	AP-232IP-UNV-M	■ Certified		■ Certified		■ Certified		■ Certified						■ Certified
Accupro	AP-332IP-UNV	■ Certified	■ Certified	■ Certified	■ Certified		■ Certified	■ Certified						■ Certified
Howard Industries	EP2/32IS/MV/MC/HE	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified						■ Certified
Howard Industries	EP4/32IS/MV/MC			■ Certified		■ Certified	■ Certified	■ Certified						
Howard Industries	EP4/32IS/MV/MC/HE	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified						
Fusion	FB232347E-N													
Fusion	FB232MVE	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified						■ Certified
Fusion	FB432MVE-N	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified						■ Certified
Keystone	KTEB-132-UV-IS-N-P	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified						■ Certified
Keystone	KTEB-232RIS-1-TP-SL	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified						■ Certified
Keystone	KTEB-232-UV-IS-L-P	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified						■ Certified
Keystone	KTEB-232-UV-IS-N-P	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified						■ Certified
Keystone	KTEB-332-UV-IS-L-P	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified						■ Certified
Keystone	KTEB-332-UV-IS-N-P	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified						
Keystone	KTEB-432RIS-1-TP-SL	■ Certified	■ Certified	■ Certified	■ Certified			■ Certified						
Keystone	KTEB-432-UV-IS-N-P	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified						
Keystone	KTEB-432-UV-PS-N-P	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified						
ESPEN	VE232120HIP	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified						■ Certified
ESPEN	VE232MVHYPE	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified						■ Certified
ESPEN	VE232MVHIPHE	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified						■ Certified
ESPEN	VE232MViHIPLE	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified						■ Certified
ESPEN	VE332120MIP	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified						
ESPEN	VE332MVHIPHE	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified						
ESPEN	VE432120MIP	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified						
ESPEN	VE432MViHIPLE	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified						
ESPEN	VE432MVHYPE			■ Certified		■ Certified	■ Certified	■ Certified						
ESPEN	VE432MVHIPHE	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified						
ESPEN	VE432MViHIPLE	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified						

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2. Typical application for U-Bent lamps is with 2-lamp ballasts.

T8 & Non-T8 InstantFit drivers

		14W 2100lm VLC	7W 1050 lm (2 ft.)	8.5W 1200 lm (3 ft.)	9W 1200 lm (3 ft.)	8.9W 1600 lm (4 ft.)	9.5W 1600 lm (4 ft.)	10W 1600 lm (4 ft.)	10W 1800 lm (4 ft. Glass)	10.5W 1600 lm (4 ft. Glass)	11.5W 2100 lm (4 ft. Glass)	12W 1800 lm (4 ft. Glass)	13W 2100 lm (4 ft.)	14W 2100 lm (4 ft.)	
T8 InstantFit	UL/CSA classified with the listed ballasts									BAA					
		469270, 469288 469296, 469304 469429, 469445 469437, 541813 541821, 541839 541847			469320, 469338 469346, 469353		473974, 473982 473990, 474007 540807	468264, 468272 468280, 468298 468694, 469569 469577, 469585 469593, 473966	541986, 541994 553214, 553222 553230, 553248					468306, 468314 468322, 468330 469061, 469619 469627, 469635 468652, 468660 468678, 468686	
Manufacturer	Ballast Model	Performance¹	Performance¹	Performance¹	Performance¹	Performance¹	Performance¹	Performance¹	Performance¹	Performance¹	Performance¹	Performance¹	Performance¹	Performance¹	
Advance	ICN-2P13-TLED-N					● Certified	● Certified		● Certified					● Certified	
Advance	ICN-2P15-TLED-N			● Certified	● Certified						● Certified				
Advance	ICN-2P16-TLED-N			● Certified	● Certified	● Certified	● Certified	● Certified	● Certified		● Certified	● Certified	● Certified	● Certified	
Advance	ICN-2P16-TLED-EL-N	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified			● Certified	● Certified	● Certified	
Advance	ICN-2P16-TLED-HL-N	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified		● Certified	● Certified	● Certified	● Certified	
Advance	ICN-3P13-TLED-N					● Certified	● Certified		● Certified				● Certified		
Advance	ICN-3P15-TLED-N			● Certified	● Certified										
Advance	ICN-3P16-TLED-N			● Certified	● Certified	● Certified	● Certified	● Certified	● Certified		● Certified	● Certified	● Certified	● Certified	
Advance	ICN-4P13-TLED-N						● Certified	● Certified		● Certified				● Certified	
Advance	ICN-4P15-TLED-N			● Certified	● Certified										
Advance	ICN-4P16-TLED-N			● Certified	● Certified	● Certified	● Certified	● Certified	● Certified		● Certified	● Certified	● Certified	● Certified	
Advance	ICN-4P16-TLED-HL-SC	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified		● Certified	● Certified	● Certified	● Certified	
Advance	IZT-2P15-TLED-N			● Certified	● Certified		● Certified			● Certified				● Certified	
Advance	IZT-2P16-TLED-SC			● Certified	● Certified		● Certified			● Certified	● Certified*		● Certified	● Certified	● Certified
Advance	IZT-3P15-TLED-N			● Certified	● Certified		● Certified			● Certified		● Certified		● Certified	
Advance	IZT-4P15-TLED-N			● Certified	● Certified		● Certified			● Certified		● Certified		● Certified	
Advance	IZT-4P16-TLED-SC				● Certified		● Certified	● Certified		● Certified				● Certified	● Certified

* This Driver is compatible for two(2) lamp configuration only.

Non-T8 InstantFit

UL/CSA classified with the listed ballasts

		T5HO 3500 lm (4 ft.)	28W 4200lm (8ft Glass)	30W 4200 lm (8ft Glass)	35W 4200 lm (8ft Plastic)
		467126, 467134 467142, 467159	580282, 580290	533000, 533018 533026, 533034	469239, 469247 469254, 469262

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2. Typical application for U-Bent lamps is with 2-lamp ballasts.

T8 InstantFit drivers

T8 InstantFit

**UL/CSA classified
with the listed ballasts**

14W 2100 lm (4 ft. Glass)	15.5W 2500 lm (4 ft.)	16.5W 2500 lm (4 ft.)	13W 2100 lm (U-Bent) ²	13W 2100 lm (U-Bent) ²
470096, 470104 470112, 470120	545178, 533372 545194, 545200	463133, 463141 463158, 468892	469379, 469387 469395, 469403 469411, 470625	541854, 541862 541870, 541888

Manufacturer	Ballast Model	Performance ¹	Performance ¹	Performance ¹	Performance ¹
Advance	ICN-2P13-TLED-N			● Certified	● Certified
Advance	ICN-2P15-TLED-N		● Certified	● Certified	● Certified
Advance	ICN-2P16-TLED-N	● Certified	● Certified	● Certified	● Certified
Advance	ICN-2P16-TLED-EL-N	● Certified	● Certified	● Certified	● Certified
Advance	ICN-2P16-TLED-HL-N	● Certified	● Certified	● Certified	● Certified
Advance	ICN-3P13-TLED-N				
Advance	ICN-3P15-TLED-N		● Certified		
Advance	ICN-3P16-TLED-N	● Certified	● Certified	● Certified	
Advance	ICN-4P13-TLED-N				
Advance	ICN-4P15-TLED-N		● Certified		
Advance	ICN-4P16-TLED-N	● Certified	● Certified	● Certified	
Advance	ICN-4P16-TLED-HL-SC	● Certified	● Certified	● Certified	
Advance	IZT-2P15-TLED-N	● Certified	● Certified		● Certified
Advance	IZT-2P16-TLED-SC	● Certified	● Certified	● Certified	● Certified
Advance	IZT-3P15-TLED-N	● Certified	● Certified		
Advance	IZT-4P15-TLED-N	● Certified	● Certified		
Advance	IZT-4P16-TLED-SC	● Certified	● Certified	● Certified	

T8 Programmed-Start

UL Type A fixed output ballasts

		10.5W 1650 lm (4 ft.)	14.5W 2200 lm (4 ft.)	7W 1050 lm (2 ft.)	8.5W 1200 lm (3 ft.)	9W 1200 lm (3 ft.)	8.9W 1600 lm (4 ft.)	9.5W 1600 lm (4 ft.)	10W 1600 lm (4 ft.)	14W 2100 lm (4 ft.)	13W 2100 lm (4 ft.)	10W 1800 lm (4 ft. Glass)	12W 1800 lm (4 ft. Glass)	14W 2100 lm (4 ft. Glass)
T8 Programmed-Start	BAA	BAA	469270, 469288 469296, 469304 469429, 469445 469437, 541813 541821, 541839 541847	469320, 469338 469346, 469353 469452, 469478 469460	468264, 468272 468280, 468298 468694, 469569 473974, 473982 473990, 474007 540807	468306, 468314 468322, 468330 469061, 469619 469627, 469635 469577, 469585 468652, 468660 469593, 473966								
	576777, 576785 576793	576801, 576819 576827	539858, 539874 539882, 539866	565580, 565598 565606, 565614								541986, 541994 553214, 553222 553230, 553248	530469, 530477 530485, 530493	470096, 470104 470112, 470120
Manufacturer	Ballast Model	Performance¹	Performance¹	Performance¹	Performance¹	Performance¹	Performance¹	Performance¹	Performance¹	Performance¹	Performance¹	Performance¹	Performance¹	Performance¹
Advance	IOP-1PSP32-N										● Certified			
Advance	IOP-2PSP32-N									● Certified	● Certified			
Advance	IOP-3PSP32-SC			● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Advance	IOP-4PSP32-SC			● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Advance	IOP-1PSP32-LW-N										● Certified			
Advance	IOP-2PSP32-LW-N									● Certified	● Certified			
Advance	IOP-3PSP32-LW-SC			● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Advance	IOP-4PSP32-LW-SC	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Advance	HOP-2PSP32-HL-L									● Certified	● Certified			
Advance	HOP-4PSP32-HL-G									● Certified	● Certified			
Univ. Lighting Tech.	B232PUNVHE-B	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Univ. Lighting Tech.	B332PUNVHE-A	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Univ. Lighting Tech.	B432PUNVHE-A	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Univ. Lighting Tech.	B232PUNVHEH-A									■ Certified	■ Certified			
Univ. Lighting Tech.	B332PUNVHEH-A									■ Certified	■ Certified			
Univ. Lighting Tech.	B232PUNVEL-B									■ Certified	■ Certified			
Univ. Lighting Tech.	B332PUNVEL-A									■ Certified	■ Certified			
Univ. Lighting Tech.	B432PUNVEL-A									■ Certified	■ Certified			
General Electric	GE-232MVPS-XL									■ Certified	■ Certified			
General Electric	GE-332MVPS-XL									■ Certified	■ Certified			
General Electric	GE-132MVPS-L									■ Certified	■ Certified			
General Electric	GE-232MVPS-L									■ Certified	■ Certified			
General Electric	GE-332MVPS-L									■ Certified	■ Certified			
General Electric	GE-432MVPS-L									■ Certified	■ Certified			
General Electric	GE-132MVPS-N									■ Certified	■ Certified			
General Electric	GE-232MVPS-N			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
General Electric	GE-332MVPS-N			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
General Electric	GE-432MVPS-N			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
General Electric	GE-132MVPS-H									■ Certified	■ Certified			
General Electric	GE-232MVPS-H									■ Certified	■ Certified			
General Electric	GE-332MVPS-H									■ Certified	■ Certified			
General Electric	GE-432MVPS-H									■ Certified	■ Certified			
Osram Sylvania	QHE 1X32T8/UNV PSX-MC										■ Certified			
Osram Sylvania	QHE 2X32T8/UNV PSX-MC										■ Certified			
Osram Sylvania	QHE 3X32T8/UNV PSX-SC										■ Certified	■ Certified		
Osram Sylvania	QHE 4X32T8/UNV PSX-SC										■ Certified	■ Certified		
Osram Sylvania	QHE 1X32T8/UNV PSN-MC										■ Certified	■ Certified		
Osram Sylvania	QHE 2X32T8/UNV PSN-MC	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified

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System performance blank field means consult factory.

2. Typical application for U-Bent lamps is with 2-lamp ballasts.

T8 Programmed-Start

T8 Programmed-Start

UL Type A fixed output ballasts

15.5W 2500 lm (4 ft.)	16.5W 2500 lm (4 ft.)	16W 1800 lm (4 ft.)	13W 2100 lm (U-Bent) ²	
		UniversalFit 539972, 539980 539148, 539155 539163, 542688 542696, 542704 565572, 565564 565556	469379, 469387 469395, 469403 469411, 470625 541854, 541862 541870, 541888	
545178, 533372 545194, 545200	463133, 463141 463158, 468892			

Manufacturer	Ballast Model	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Dimmers
Advance	IOP-1PSP32-N			● Certified		
Advance	IOP-2PSP32-N			● Certified		
Advance	IOP-3PSP32-SC	● Certified	● Certified	● Certified		
Advance	IOP-4PSP32-SC	● Certified	● Certified	● Certified		
Advance	IOP-1PSP32-LW-N			● Certified		
Advance	IOP-2PSP32-LW-N					
Advance	IOP-3PSP32-LW-SC	● Certified	● Certified			
Advance	IOP-4PSP32-LW-SC	● Certified	● Certified			
Advance	HOP-2PSP32-HL-L			● Certified		
Advance	HOP-4PSP32-HL-G			● Certified		
Univ. Lighting Tech.	B232PUNVHE-B					
Univ. Lighting Tech.	B332PUNVHE-A					
Univ. Lighting Tech.	B432PUNVHE-A					
Univ. Lighting Tech.	B232PUNVHEH-A			■ Certified		
Univ. Lighting Tech.	B332PUNVHEH-A			■ Certified		
Univ. Lighting Tech.	B232PUNVEL-B			■ Certified		
Univ. Lighting Tech.	B332PUNVEL-A			■ Certified		
Univ. Lighting Tech.	B432PUNVEL-A			■ Certified		
General Electric	GE-232MVPS-XL			■ Certified		
General Electric	GE-332MVPS-XL			■ Certified		
General Electric	GE-132MVPS-L			■ Certified		
General Electric	GE-232MVPS-L			■ Certified		
General Electric	GE-332MVPS-L			■ Certified		
General Electric	GE-432MVPS-L			■ Certified		
General Electric	GE-132MVPS-N			■ Certified		
General Electric	GE-232MVPS-N	■ Certified	■ Certified	■ Certified	■ Certified	
General Electric	GE-332MVPS-N	■ Certified	■ Certified	■ Certified		
General Electric	GE-432MVPS-N	■ Certified	■ Certified	■ Certified		
General Electric	GE-132MVPS-H			■ Certified		
General Electric	GE-232MVPS-H			■ Certified		
General Electric	GE-332MVPS-H			■ Certified		
General Electric	GE-432MVPS-H			■ Certified		
Osram Sylvania	QHE 1X32T8/UNV PSX-MC			■ Certified		
Osram Sylvania	QHE 2X32T8/UNV PSX-MC			■ Certified		
Osram Sylvania	QHE 3X32T8/UNV PSX-SC			■ Certified		
Osram Sylvania	QHE 4X32T8/UNV PSX-SC			■ Certified		
Osram Sylvania	QHE 1X32T8/UNV PSN-MC			■ Certified		
Osram Sylvania	QHE 2X32T8/UNV PSN-MC	■ Certified	■ Certified	■ Certified	■ Certified	

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2. Typical application for U-Bent lamps is with 2-lamp ballasts.

T8 Programmed-Start

UL Type A fixed output ballasts

		10.5W 1650 lm (4 ft.)	14.5W 2200 lm (4 ft.)	7W 1050 lm (2 ft.)	8.5W 1200 lm (3 ft.)	9W 1200 lm (3 ft.)	8.9W 1600 lm (4 ft.)	9.5W 1600 lm (4 ft.)	10W 1600 lm (4 ft.)	14W 2100 lm (4 ft.)	13W 2100 lm (4 ft.)	10W 1800 lm (4 ft. Glass)	12W 1800 lm (4 ft. Glass)	14W 2100 lm (4 ft. Glass)
		BAA	BAA	469270, 469288 469296, 469304 469429, 469445 469437, 541813 541821, 541839 541847	469320, 469338 469346, 469353 469452, 469478 539882, 539866	469374, 473982 473990, 474007 565580, 565598 565606, 565614	468264, 468272 468280, 468298 468694, 469569	468306, 468314 468322, 468330 469061, 469619 469627, 469635 469577, 469585	468652, 468660 468678, 468686	541986, 541994 553214, 553222 553230, 553248	541986, 541994 553214, 553222 553230, 553248	530469, 530477 530485, 530493	470096, 470104 470112, 470120	
576777, 576785	576801, 576819	576793	576827	541847	539882, 539866	469460	540807	473926, 473934 473942, 473958	473926, 473934 473942, 473958	473926, 473934 473942, 473958	473926, 473934 473942, 473958	473926, 473934 473942, 473958	473926, 473934 473942, 473958	
Manufacturer	Ballast Model													
Osram Sylvania	QHE 3X32T8/UNV PSN-SC				■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
Osram Sylvania	QHE 4X32T8/UNV PSN-SC	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	
Osram Sylvania	QHES 2X32T8/UNV PSL-SC										■ Certified			
Osram Sylvania	QHE 2X32T8/UNV PSH-HT	■ Certified	■ Certified								■ Certified	■ Certified		
Osram Sylvania	QHE 3X32T8/UNV PSH-HT-SC										■ Certified	■ Certified		
Osram Sylvania	QHE 4X32T8/UNV PSH-HT										■ Certified	■ Certified		
Hatch	HL232APS/UV/HE/W										■ Certified	■ Certified		
Hatch	HL332APS/UV/HE/W										■ Certified	■ Certified		
Hatch	HL432APS/UV/HE/W										■ Certified	■ Certified		
Hatch	HL232BPS/UV/HE/W										■ Certified	■ Certified		
Hatch	HL332BPS/UV/HE/W										■ Certified	■ Certified		
Hatch	HL432BPS/UV/HE/W										■ Certified	■ Certified		
Hatch	HL232CPS/UV/HE/W										■ Certified	■ Certified		
Hatch	HL332CPS/UV/HE/W										■ Certified	■ Certified		

T8 Programmed-Start

Dimmable ballasts

		10.5W 1650 lm (4 ft.)	14.5W 2200 lm (4 ft.)	7W 1050 lm (2 ft.)	8.5 W 1200 lm (3 ft.)	8.9 W 1600 lm (4 ft.)	9.5 W 1600 lm (4 ft.)	14 W 2100 lm (4 ft.)	13 W 2100 lm (4 ft.)	15.5 W 2500 lm (4 ft.)	10 W 1800 lm (4 ft. Glass)	14 W 2100 lm (4 ft. Glass)	13W 2100 lm (U-Bent) ²	
		BAA	BAA	469270, 469288 469296, 469304 469429, 469445 469437, 541813 541821, 541839 541847	469320, 469338 469346, 469353 469452, 469478 539882, 539866	469374, 473982 473990, 474007 565580, 565598 565606, 565614	468306, 468314 468322, 468330 469061, 469619 469627, 469635 468652, 468660	468678, 468686	473926, 473934 473942, 473958	545178, 533372 545194, 545200	541986, 541994 553214, 553222 553230, 553248	470096, 470104 470112, 470120	469379, 469387 469395, 469403 469411, 470625 541854, 541862 541870, 541888	
576777, 576785	576801, 576819	576793	576827	541847	539882, 539866	565606, 565614	540807	473926, 473934 473942, 473958	473926, 473934 473942, 473958	473926, 473934 473942, 473958	473926, 473934 473942, 473958	473926, 473934 473942, 473958	473926, 473934 473942, 473958	
Manufacturer	Ballast Model													
Advance	IZT-2S32-SC													Use Compatible 0-10V
Advance	IZT-4S32													Use Compatible 0-10V
Advance	REZ-132-SC							● Certified	● Certified					Lightolier - V1500EBUW Lutron - MRF2-6ND-120
Advance	REZ-2S32-SC							● Certified	● Certified					Lightolier - V1500EBUW Lutron - MRF2-6ND-120
Advance	REZ-3S32-SC							● Certified	● Certified					Lightolier - V1500EBUW Lutron - MRF2-6ND-120
General Electric	GE132MVPSON-V03	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	Use Compatible 0-10V
General Electric	GE232MVPSON-V03			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	Use Compatible 0-10V
General Electric	GE332MVPSON-V03			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	Use Compatible 0-10V
General Electric	GE432MVPSON-V03			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	Use Compatible 0-10V
General Electric	GE232MVPSON-V03			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	Use Compatible 0-10V
General Electric	GE332MVPSON-V03			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	Use Compatible 0-10V
General Electric	GE432MVPSON-V03			■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	Use Compatible 0-10V

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System performance blank field means consult factory.

2. Typical application for U-Bent lamps is with 2-lamp ballasts.

T8 Programmed-Start

T8 Programmed-Start

UL Type A fixed output ballasts

15.5W 2500 lm (4 ft.)	16.5W 2500 lm (4 ft.)	16W 1800 lm (4 ft.)	13W 2100 lm (U-Bent) ²	
		UniversalFit 539972, 539980 539148, 539155 539163, 542688 542696, 542704 565572, 565564 565556	469379, 469387 469395, 469403 469411, 470625 541854, 541862 541870, 541888	
545178, 533372 545194, 545200	463133, 463141 463158, 468892			

Manufacturer	Ballast Model	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Dimmers
Osram Sylvania	QHE 3X32T8/UNV PSN-SC	■ Certified	■ Certified	■ Certified		
Osram Sylvania	QHE 4X32T8/UNV PSN-SC	■ Certified	■ Certified	■ Certified		
Osram Sylvania	QHES 2X32T8/UNV PSL-SC					
Osram Sylvania	QHE 2X32T8/UNV PSH-HT			■ Certified		
Osram Sylvania	QHE 3X32T8/UNV PSH-HT-SC			■ Certified		
Osram Sylvania	QHE 4X32T8/UNV PSH-HT			■ Certified		
Hatch	HL232APS/UV/HE/W			■ Certified		
Hatch	HL332APS/UV/HE/W			■ Certified		
Hatch	HL432APS/UV/HE/W			■ Certified		
Hatch	HL232BPS/UV/HE/W			■ Certified		
Hatch	HL332BPS/UV/HE/W			■ Certified		
Hatch	HL432BPS/UV/HE/W			■ Certified		
Hatch	HL232CPS/UV/HE/W			■ Certified		
Hatch	HL332CPS/UV/HE/W			■ Certified		

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2. Typical application for U-Bent lamps is with 2-lamp ballasts.

T8 / T12 8' Slimline ballasts

Manufacturer	Ballast Model	Performance ¹	Performance ¹	Performance ¹
Advance	IOP-2P59-N	● Certified	● Certified	● Certified
Advance	ICN-2P60-N	● Certified	● Certified	● Certified
General Electric	GE259MAX-L/ULTRA	■ Certified	■ Certified	■ Certified
General Electric	GE259MAXP-N/ULTRA	■ Certified	■ Certified	■ Certified
General Electric	GE-259-MV-N 30194		■ Certified	■ Certified
General Electric	GE259MAX-G-N 74469	■ Certified	■ Certified	■ Certified
General Electric	GE259MAXP-N-DIY 23954	■ Certified	■ Certified	■ Certified
Howard Industries	EP2/59IS/MV/MC/HE		■ Certified	■ Certified
Howard Industries	E2/75IS-120MC		■ Certified	■ Certified
Fulham	WH5-277-L		■ Certified	■ Certified
Universal Lighting Tech.	B260IUNVHP		■ Certified	■ Certified
Universal Lighting Tech.	B260I120M-A	■ Certified	■ Certified	■ Certified
Osram Sylvania	OSRAM QT 2X96/120 IS		■ Certified	■ Certified
Osram Sylvania	OSRAM QT 2X96/277 IS		■ Certified	■ Certified
Osram Sylvania	2X75W T12(96)		■ Certified	■ Certified
Industrias Sola Basics S A DE C V	EIO-260-MC	■ Certified	■ Certified	■ Certified
Industrias Sola Basics S A DE C V	EOI-230/32-MC	■ Certified	■ Certified	■ Certified

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T12 Electronic ballasts

13 W 2100 lm (4 ft.)	14 W 2100 lm (4 ft.)	16 W 1800 lm (4 ft.)
468306, 468314	468322, 468330	UniversalFit 539972, 539980
473926, 473934	469061, 469619	539148, 539155
473942, 473958	469627, 469635	539163, 542688
		542696, 542704

Manufacturer	Ballast Model	Performance ¹	Performance ¹	Performance ¹
Advance	ICN-2S40-N	● Certified	● Certified	● Certified
Advance	RELB-2S40-N	● Certified	● Certified	● Certified

T12 Rapid-Start Magnetic ballasts

20 W 2100 lm (4 ft.)	16 W 1800 lm (4 ft.)
463117, 463125	UniversalFit 539972, 539980 539148, 539155 539163, 542688 542696, 542704 565572, 565564 565556

Manufacturer	Ballast Model	Performance ¹	Performance ¹
Advance	R-140-1-TP	● Certified	● Certified
Advance	X-140-TP	● Certified	● Certified
Advance	R-2S40-1-TP	● Certified	● Certified
Advance	XQM-2S40-TP	● Certified	● Certified
Advance	V-2S40-1-TP	● Certified	● Certified
Advance	RQM-2S40-3-TP	● Certified	● Certified
Advance	R-2S34-TP-5	● Certified	● Certified
Advance	V-2S34-TP	● Certified	● Certified
Advance	RM-2S35-TP	● Certified	● Certified
General Electric	GEM240RS277	■ Certified	■ Certified
General Electric	GEM240RS120-1	■ Certified	■ Certified
Howard Industries	M1/40RS-120	■ Certified	■ Certified
Howard Industries	M2/40RS-277	■ Certified	■ Certified
Howard Industries	M2/40RS-240 -1	■ Certified	■ Certified
Universal Lighting Tech.	412-L-SLH-TC-P	■ Certified	■ Certified
Universal Lighting Tech.	458-L-SLH-TC-P	■ Certified	■ Certified
Universal Lighting Tech.	540-L-TC-P	■ Certified	■ Certified
Universal Lighting Tech.	CAT.NO.446-L-LH-TC-P-7	■ Certified	■ Certified
Universal Lighting Tech.	443-L-SLH-TC-P	■ Certified	■ Certified
Universal Lighting Tech.	446-L-SLH-TC-P	■ Certified	■ Certified
Osram Sylvania	MB1x40/277 RS-1	■ Certified	■ Certified
Osram Sylvania	MB1x40/120RS-1	■ Certified	■ Certified
Osram Sylvania	MB2x40/120RS-1	■ Certified	■ Certified
Osram Sylvania	MB2x40/277RS-1	■ Certified	■ Certified
Industrias Sola Basics S A DE C V	E420-F-234 IC -1	■ Certified	■ Certified
Radionic Industries Inc.	CAT.NO.ES240HTP	■ Certified	■ Certified

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T5 HO ballasts

Manufacturer	Ballast Model	Performance ¹	Performance ¹	Performance ¹
Advance	ICN-2554-N	● Certified	● Certified	● Certified
Advance	ICN-2554-90C-N	● Certified	● Certified	● Certified
Advance	ICN-2554-T	● Certified	● Certified	● Certified
Advance	ICN-2554-90C-T	● Certified	● Certified	● Certified
Advance	ICN-2554-N(L)	● Certified	● Certified	● Certified
Advance	ICN-4S54-90C-2LS-G	● Certified	● Certified	● Certified
Advance	HCN-2554-90C-WL	◆ Flashing	◆ Flashing	◆ Flashing
Advance	HCN-4S54-90C-2LS-G	◆ Flashing	◆ Flashing	◆ Flashing
Advance	IZT-2S54-D	● Certified	● Certified	● Certified
Advance	IZT-154-D	● Certified	● Certified	● Certified
Advance	REZ-2S54	● Certified	● Certified	● Certified
General Electric	GE254MVPS-A	■ Certified	■ Certified	■ Certified
General Electric	GE254MVPS-D	■ Certified	■ Certified	■ Certified
General Electric	GE454MVPS90-E-S	■ Certified	■ Certified	■ Certified
General Electric	GE454MVPS90-F	■ Certified	■ Certified	■ Certified
General Electric	GE454MVPS90-G	■ Certified	■ Certified	■ Certified
General Electric	GE254MVPS90-A	■ Certified	■ Certified	■ Certified
Osram Sylvania	QHE 2x54T5HO/UNV PSN	■ Certified	■ Certified	■ Certified
Osram Sylvania	QHE 2x54T5HO/UNV PSN HT	■ Certified	■ Certified	■ Certified
Osram Sylvania	QHE 2x54T5HO/UNV PSN(L)	■ Certified	■ Certified	■ Certified
Osram Sylvania	QTP 2X54T5HO/UNV PSN HT	■ Certified	■ Certified	■ Certified
Universal Lighting Tech.	B254PUNV-D	■ Certified	■ Certified	■ Certified
Universal Lighting Tech.	B254PUNVHB-D	■ Certified	■ Certified	■ Certified
Universal Lighting Tech.	B454PUNV-E	■ Certified	■ Certified	■ Certified
Universal Lighting Tech.	B454PUNVHB-E	■ Certified	■ Certified	■ Certified
Hatch	HL454HO/PS/UV/W	■ Certified	■ Certified	■ Certified
Hatch	HL254HO/PS/UV/W	■ Certified	■ Certified	■ Certified
ESPEN	VE254MVHRP	■ Certified	■ Certified	■ Certified
ESPEN	VE454MVHRP	■ Certified	■ Certified	■ Certified
Fulham	RHA-UNV-254-LT5	■ Certified	■ Certified	■ Certified
Fulham	RHA-UNV-454-LT5	■ Certified	■ Certified	■ Certified
Keystone Inc.	KTEB-254HO-UV-PS-SL	■ Certified	■ Certified	■ Certified
Keystone Inc.	KTEB-454HO-UV-TP-PS	■ Certified	■ Certified	■ Certified
Sunpark	U-2/54T5HO	■ Certified	■ Certified	■ Certified
MAGG	2x54W LFL T5 APP	■ Certified	■ Certified	■ Certified

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System performance blank field means consult factory.

T5 HE ballasts

Manufacturer	Ballast Model	Performance ¹					
Advance	ICN-2524-N	● Certified					
Advance	ICN-2524-T	● Certified					
Advance	ICN-2528-N	● Certified					
Advance	ICN-2528-T	● Certified					
Advance	GCN-2S28-L	● Certified					
Advance	IZT-128-D	● Certified	● Certified	● Certified			
Advance	IZT-2S28-D	● Certified					
Osram Sylvania	QHE 2X39-24T5HO/UNV PSN	■ Certified	■ Certified		■ Certified	■ Certified	
Osram Sylvania	QTP 2X28T5/UNV PSN	■ Certified					
Osram Sylvania	QHE 2X28T5/UNV PSN	■ Certified*	■ Certified*	■ Certified	■ Certified*	■ Certified*	■ Certified
General Electric	GE228MVPS-MC	■ Certified*					
General Electric	GE228MVPS-MC-H	■ Certified					
Universal Lighting Tech.	B224PUNV-C	■ Certified	■ Certified		■ Certified	■ Certified	
Universal Lighting Tech.	B228PUNV-C	■ Certified					
Universal Lighting Tech.	B228PUNV-N	■ Certified					
Universal Lighting Tech.	B228PUNV85-D	■ Certified					
Universal Lighting Tech.	B239PUNV-D	■ Certified*	■ Certified*		■ Certified*	■ Certified*	
Keystone	KTEB-228HE-UV-PS	■ Certified					
Keystone	KTEB-228HE-UV-PS-SL	■ Certified					
Fulham	RHA-UNV-228-LT5	■ Certified					
Robertson	PSA228T5MV	■ Certified					

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* This ballast is compatible for two(2) lamp configuration only.

Emergency ballasts & Emergency PL-C / T 4-pin ballasts

		10.5W 1650 lm (4 ft.)	14.5W 2200 lm (4 ft.)	7W 1050 lm (2 ft.)	9W 1200 lm (3 ft.)	8.9W 1600 lm (4 ft.)	9.5W 1600 lm (4 ft.)	10W 1600 lm (4 ft.)	14W 2100 lm (4 ft.)	13W 2100 lm (4 ft.)	14W 2100 lm (4 ft. Glass)	10W 1800 lm (4 ft. Glass)	12W 1800 lm (4 ft. Glass)
Emergency		BAA	BAA	469270, 469288 469296, 469304 469429, 469445 469437, 541813 541821, 541839 541847	469320, 469338 469346, 469353 469452, 469478 469460, 539858 539874, 539882 539866	565580, 565598 565606, 565614	473974, 473982 473990, 474007 540807	468264, 468272 468280, 468298 468694, 469569 469577, 469585 469593, 473966 473974, 473982	468306, 468314 468322, 468330 469061, 469619 468652, 468660 468678, 468686	473926, 473934 473942, 473958	470096, 470104 470112, 470120	541986, 541994 553214, 553222 553230, 553248	530469, 530477 530485, 530493
Please contact the emergency ballast manufacturer for wiring diagrams		576777, 576785 576793	576801, 576819 576827										
Manufacturer	Ballast Model	# of lamps	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹
Bodine	(new) B50 (12NC: 913702456401)	1	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Bodine	B50CT	1	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Bodine	PTB15D	1	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Bodine	PEL12	1	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Bodine	LP600	1	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Bodine	LP600STU	1	Inadvisable	Inadvisable	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Chloride	DEB-6LP	1	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Iota Engineering	I-320	1 or 2	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Iota Engineering	I-1605	1 or 2	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Iota Engineering	I-162	2	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Iota Engineering	ISL-54	1 or 2	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Iota Engineering	ISL-540	1 or 2	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Fulham Co., Inc	FH7-UNV-500L	1	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Fulham Co., Inc	FH11-UNV-750L-xx	1	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Fulham Co., Inc	FH12-UNV-1400K-xx	1	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified

Emergency PL-C / T 4-pin

UL/CSA classified with listed drivers

Vertical lamp 18W/26W	Horizontal lamp 18W/26W	Vertical lamp 32W	Horizontal lamp 32W	Vertical lamp 32W	Horizontal lamp 32W
458406, 458414 458422, 458430	458364, 458372 458380, 458398	476101, 476119 476127, 476135	476069, 476077 476085, 476093	476101, 476119 476127, 476135	476069, 476077 476085, 476093

Manufacturer	Ballast Model	# of lamps	Performance ¹					
Iota	I-42	1 or 2		● Certified		● Certified		● Certified
Iota	I-420	1	● Certified					
Iota	I-420	1 or 2	● Certified					
Iota	I-160	1	● Certified		● Certified		● Certified	
Iota	I-160	1 or 2	● Certified					
Fulham	FH11-UNV-750L	1 or 2	● Certified					
Fulham	FH12-UNV-1400L	1 or 2	● Certified					

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System performance blank field means consult factory.

Emergency ballasts

Emergency

Please contact the emergency ballast manufacturer for wiring diagrams

17W 2100 lm (4 ft. Glass)	16.5W 2500 lm (4 ft.)	13W 2100 lm (U-Bent)3	T5 HO	T5 HE
456566, 456574				
472878, 472886				
472894, 472902				
472910, 472928		469379, 469387		
472936, 472944		469395, 469403		
472968, 472976	463133, 463141	469411, 470625	467126, 467134	476499, 476507
479782, 479790	463158, 468892	541854, 541862	467142, 467159	476515, 476523
541870, 541888				

| Manufacturer | Ballast Model | # of lamps | Performance ¹ |
|------------------|--------------------------------|------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| Bodine | (new) B50 (12NC: 913702456401) | 1 | ● Certified |
| Bodine | B50CT | 1 | ● Certified |
| Bodine | PTB15D | 1 | ● Certified |
| Bodine | PEL12 | 1 | ● Certified |
| Bodine | LP600 | 1 | ● Certified |
| Bodine | LP600STU | 1 | ● Certified |
| Chloride | DEB-6LP | 1 | ● Certified |
| Iota Engineering | I-320 | 1 or 2 | ● Certified |
| Iota Engineering | I-1605 | 1 or 2 | ● Certified |
| Iota Engineering | I-162 | 2 | ● Certified |
| Iota Engineering | ISL-54 | 1 or 2 | ● Certified |
| Iota Engineering | ISL-540 | 1 or 2 | ● Certified |
| Fulham Co., Inc | FH7-UNV-500L | 1 | ● Certified |
| Fulham Co., Inc | FH11-UNV-750L-xx | 1 | ● Certified |
| Fulham Co., Inc | FH12-UNV-1400K-xx | 1 | ● Certified |

PL-L

Manufacturer	Ballast Model	16.5 W 2100 lm (PL-L 2 ft.)	16.5 W 2300 lm (PL-L 2 ft.)
		456632, 456640, 456657	532895, 532903, 532911
Advance	ICN-1TTP40-SC	● Certified	● Certified
Advance	ICN-2TTP40-SC	● Certified*	● Certified*
Advance	ICN-3TTP40-SC	● Certified	
Advance	ICN-2S24-N		● Certified
Advance	ICN-2S24-T		● Certified
Advance	ICN-2S39-N		● Certified
Advance	ICN-2S39-T		● Certified
Advance	ICF-2S42-M2-BS		● Certified
Advance	ICF-2S42-M2-LD		● Certified
Advance	ICF-2S42-90C-M2-BS		● Certified
Advance	ICF-2S42-90C-M2-LD		● Certified
Advance	I2T-2TTS40-SC		● Certified
General Electric	GE140MAX-A	■ Certified	■ Certified
General Electric	GE240MAX-A	■ Certified	■ Certified
General Electric	GE340MAX-A	■ Certified	■ Certified
General Electric	GEC242-MVPS		■ Certified
General Electric	GEC240MVPS-A		■ Certified
General Electric	GEC225MVPS-A		■ Certified
Osram Sylvania	QHE1X40DL/UNV ISN-SC	■ Certified	■ Certified
Osram Sylvania	QHE2X40DL/UNV ISN-SC	■ Certified	■ Certified
Osram Sylvania	QHE3X40DL/UNV ISN-SC	■ Certified	■ Certified
Osram Sylvania	QTP 1x40TT5/277 PSN-F		■ Certified
Osram Sylvania	QTP 2x40TT5/120 PSN-F		■ Certified
Osram Sylvania	QTP 2x40TT5/277 PSN-F		■ Certified
Osram Sylvania	QTP 3x40TT5/120 PSN-B		■ Certified
Osram Sylvania	QTP 3x40TT5/277 PSN-B		■ Certified
Osram Sylvania	QTP 2X26/32/42CF/UNV DM		■ Certified

* Not recommended for one(1) lamp 277V operation.

PL-C/T 4-pin

UL/CSA classified
with listed drivers

Manufacturer	Ballast Model	Performance ¹	Performance ¹	Performance ¹	Performance ¹				
Flex Fit	16PL-C/T/ COR/42HV- 5CT 9290038073 (589788)	16W 1850lm	Vertical lamp 10.5W	Horizontal lamp 8.5W	Vertical lamp 12W	476101, 476119 476127, 476135	458364, 458372 458380, 458398	476069, 476077 476085, 476093	532432, 532440 532457, 532465
Advance	ICF-2S13-M1-BS		● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Advance	ICF-2S13-H1-LD		● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Advance	ICF-2S13-M1-BS-QS		● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Advance	ICF-2S26-H1-LD	● Certified	● Certified	● Certified*	● Certified	● Certified	● Certified*		
Advance	ICF-2S26-M1-BS		● Certified	● Certified*	● Certified	● Certified	● Certified*		
Advance	ICF-2S26-M1-BS-QS		● Certified	● Certified	● Certified	● Certified	● Certified		
Advance	ICF-2S18-H1-LD		● Certified	● Certified	● Certified	● Certified	● Certified		
Advance	ICF-2S18-M1-BS		● Certified	● Certified	● Certified	● Certified	● Certified		
Advance	ICF-2S18-M1-BS-QS		● Certified	● Certified	● Certified	● Certified	● Certified		
Advance	ICF-2S42-M2-LD	● Certified	● Certified**	● Certified**					
Advance	ICF-2S42-M2-BS		● Certified	● Certified	● Certified	● Certified	● Certified**	● Certified**	
Advance	ICF-2S42-90C-M2-BS		● Certified	● Certified	● Certified	● Certified	● Certified**	● Certified**	
Advance	ICF-2S42-90C-M2-LD		● Certified	● Certified	● Certified	● Certified	● Certified**	● Certified**	
Advance	I2T-2S26-M5-LD	● Certified	● Certified	● Certified	● Certified				
Advance	REB-113-M6-EL		● Certified	● Certified	● Certified	● Certified			
Advance	REB-113-M6-BLS							● Certified	● Certified
Advance	REB-118-M6-BLS		● Certified	● Certified	● Certified	● Certified			
Advance	REB-2S18-M6-EL		● Certified	● Certified	● Certified	● Certified			
Advance	REB-126-M6-BLS		● Certified	● Certified	● Certified	● Certified			
General Electric	GEC218-MVPS-SE		■ Certified	■ Certified	■ Certified	■ Certified			
General Electric	GEC226-MVPS-3W		■ Certified	■ Certified	■ Certified	■ Certified			
General Electric	GEC242-MVPS-SE		■ Certified	■ Certified	■ Certified	■ Certified			

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System performance blank field means consult factory.

* This ballast is compatible for two(2) lamp horizontal configuration only.

** When used with one(1) lamp, can only be operated at 120V.

PL-C/T 4-pin

UL/CSA classified with listed drivers

Manufacturer	Ballast Model	Performance ¹						
Univ. Lighting Tech.	C213UNVME						■ Certified	■ Certified
Univ. Lighting Tech.	C218UNVME		■ Certified	■ Certified	■ Certified	■ Certified		
Univ. Lighting Tech.	C2642UNVME	● Certified	■ Certified	■ Certified	■ Certified	■ Certified		
Univ. Lighting Tech.	C242UNVME		■ Certified	■ Certified	■ Certified	■ Certified		
Univ. Lighting Tech.	C218UNVBE		■ Certified	■ Certified	■ Certified	■ Certified		
Univ. Lighting Tech.	C2642UNVBE		■ Certified	■ Certified	■ Certified	■ Certified		
Osram Sylvania	QTP 1/2X18CF/UNV DM		■ Certified	■ Certified	■ Certified	■ Certified		
Osram Sylvania	QTPx26CF/UNV	● Certified	■ Certified	■ Certified	■ Certified	■ Certified		
Howard Industries	EP2/26CF/MV/2		■ Certified	■ Certified	■ Certified	■ Certified		
Howard Industries	EP2CF26PS/MV/DC/K		■ Certified	■ Certified	■ Certified	■ Certified		
Motorola	M2-CF-26-B-S-277	● Certified	■ Certified	■ Certified	■ Certified	■ Certified		
Keystone	KTEB-226-UV-RS-DW	● Certified	■ Certified	■ Certified	■ Certified	■ Certified		
Fulham	WH2-120-C						■ Certified	■ Certified
Fulham	WH2-120-L						■ Certified	■ Certified
Fulham	NPY-120-226-CFL		■ Certified	■ Certified	■ Certified	■ Certified		
Robertson	RED1L10-120H		■ Certified	■ Certified	■ Certified	■ Certified		
ACE	CSD-332PBM		■ Certified	■ Certified	■ Certified	■ Certified		
Hatch	HC226PS/UV/D		■ Certified	■ Certified	■ Certified	■ Certified		
Deltek	CFL226MVRSL		■ Certified	■ Certified	■ Certified	■ Certified		
Espen	VE226120MR-1							
Sunpark	LC 12010T						■ Certified	■ Certified
Sunpark	SL15T		■ Certified	■ Certified	■ Certified	■ Certified		
Topstar Premium	BB-PL/UNH-1/2X26-1X42		■ Certified	■ Certified	■ Certified	■ Certified		
Topstar Premium	BB-PL/UVH-1/2X13-18		■ Certified	■ Certified	■ Certified	■ Certified		
Antron	16X952 CSD-113PNPF		■ Certified	■ Certified	■ Certified	■ Certified		
Standard	E528-120V/STD/EOL		■ Certified	■ Certified	■ Certified	■ Certified		
Radionic	RPL26-42R-M		■ Certified	■ Certified	■ Certified	■ Certified		
DAMAR	23350D						■ Certified	■ Certified

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System performance blank field means consult factory.

PL-S/C 2-pin

UL/CSA classified with the listed ballasts

	Horizontal lamp PLS 5W	Vertical lamp PLC 5W	Horizontal lamp PLC 5W
	529511, 529560 529578, 529586	532358, 532366 532374, 532382	532309, 532317 532333, 532341

Manufacturer	Ballast Model	Performance ¹	Performance ¹	Performance ¹
Advance	VH-1B13-TP-W	● Certified	● Certified	● Certified
Advance	H-1B13-TP-W	● Certified	● Certified	● Certified
Advance	VLO-13-TP	● Certified	● Certified	● Certified
Advance	H-2B13-TP-BLS	● Certified	● Certified	● Certified
Advance	LC-13-TP	● Certified	● Certified	● Certified
Robertson	S1P	■ Certified	■ Certified	■ Certified
Robertson	O1527P(3P10104)	■ Certified*	■ Certified*	■ Certified*
Robertson	HP213P(3P10073)	■ Certified	■ Certified	■ Certified

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LATAM T8 ballasts & LATAM FA8 ballasts

LATAM T8 ballasts		7W 1150 lm (2 ft.)	10W 1600lm (4 ft.)	13W 2100lm (4 ft.)	17W 2100lm (4 ft.)	13W 2100lm (U-Bent) ²	LATAM FA8 ballasts	
		929001311004 929001311104	929001397404 929001397504	929001397804 929001397904	929001343503	929001311804 929001311904 929001312004 929001312104		
Manufacturer	Ballast Model	Performance ¹	Performance ¹	Performance ¹	Performance ¹	Performance ¹	13W 1600lm (4 ft.)	26W 3200lm (8 ft.)
Advance	ICN-2P32-N	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Advance	RES-2P32-N	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
Advance	REM-2P32-N	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified	● Certified
ISB Sola Basic	758-232-MC	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
ISB Sola Basic	758-432-SC	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
ISB Sola Basic	758-U-432-SC	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
ISB Sola Basic	E-758-U-232-SC	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
ISB Sola Basic	E18-232	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Magg	B04341	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified
Osram Sylvania	QTP 1X32T8/UNV ISN-SC	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified		
Osram Sylvania	QTP 2X32T8/UNV ISN-SC	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified		
Osram Sylvania	QTP 3X32T8/UNV ISN-SC	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified		
Osram Sylvania	QTP 4X32T8/UNV ISN-SC	■ Certified	■ Certified	■ Certified	■ Certified	■ Certified		

Notes



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