



TABLE OF CONTENTS

T8 Type A	2	T8/T5/PLL emergency	13	PL-S/C ballasts	16
Instant start	2	T5 HO	14	Compact fluorescent emergency ballasts	16
Instant start other	6	T5 HE	14	PL-C/T ballasts	17
Program start (FO) 4ft.	8	PL-L	15	LATAM T8	18
Program start (FO) other	10	T8/T12 8ft Slimline	15	LATAM FA8	18
Program start (Dim) 4ft.	11	T12 electronic ballasts	15	Footnotes	19
T8 Type C	12	T12 rapid start	15		
4ft.	12				
other	12				

T8 instant-start ballasts

cont'd

			MasterClass	MasterClass	MasterClass	MasterClass	MasterClass	MasterClass	MasterClass	CorePro	CorePro	CorePro	CorePro	CorePro	MasterClass
			7 W 1050 lm (2 ft.)	9 W 1200 lm (3 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 1600 lm (4 ft. Glass)	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.)	
Grainger Lamp Part Number	52ZX59, 52ZX60, 52ZX61, 52ZX62, Sourcing, Sourcing, Sourcing, 52ZX59, 52ZX60, 52ZX61, 52ZX62			32MX91, 32MX92, 32MX93, 32MX94, Sourcing, Sourcing, Sourcing	406T70, 406T71, 406T72, 406T73, Sourcing	406T70, 406T71, 406T72, 406T73, SOURCING, 52ZX63, 52ZX64, 52ZX65, 52ZX66, Sourcing, 406T70, 406T71, 406T72, 406T73	Sourcing, Sourcing, Sourcing, Sourcing, 52ZX67, 52ZX68, 52ZX69, 52ZX70, Sourcing, Sourcing, Sourcing, Sourcing	406T74, 406T75, 406T76, 406T77	Sourcing, Sourcing	Sourcing, Sourcing, Sourcing, Sourcing	406T66, 406T67, 406T68, 406T69	All Available via Grainger Sourcing	40CP62, 40CP61, Sourcing, Sourcing, Sourcing, Sourcing, Sourcing, Sourcing, Sourcing, Sourcing, Sourcing, Sourcing, Sourcing	Sourcing, 54XY54, 54XY55, 54XY56	
	Philips Lamp Part Number	469270, 469288, 469296, 469304, 469429, 469445, 469437, 541813, 541821, 541839, 541847			469320, 469338, 469346, 469353, 469452, 469478, 469460	473974, 473982, 473990, 474007, 540807	468264, 468272, 468280, 468298, 468694, 469569, 469577, 469585, 469593, 473966, 473974, 473982, 473990, 474007	468306, 468314, 468322, 468330, 469601, 469619, 469627, 469635, 468652, 468660, 468678, 468686	473926, 473934, 473942, 473958	541986, 541994	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
Manufacturer		Grainger Number	Ballast Model	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²
Fulham Co., Inc	n/a	WH42-UNV-L	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified
Fulham Co., Inc	n/a	WH43-UNV-L	Not Recommended	Not Recommended	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified
Fulham Co., Inc	n/a	WH44-UNV-L	Not Recommended	Not Recommended	System Certified	System Certified									
Fulham Co., Inc/Leviton	n/a	Zipline (36IRC-Z03)	Not Recommended	Not Recommended	System Certified	System Certified									
ULT	n/a	B132IUNVHP-N	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
ULT	n/a	B232IUNVHP-N	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
ULT	n/a	B332IUNVHP-A		Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
ULT	n/a	B432IUNVHP-A	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
ULT	n/a	B132IUNVHE-A	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
ULT	n/a	B232IUNVHE-A	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
ULT	n/a	B332IUNVHE-A	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
ULT	n/a	B432IUNVHE-A	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
ULT	n/a	B132IUNVEL-A	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
ULT	n/a	B232IUNVEL-A	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
ULT	n/a	B332IUNVEL-A	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
ULT	n/a	B432IUNVEL-A	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
ULT	n/a	B232IUNVHEH-A	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
ULT	n/a	B332IUNVHEH-A	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
ULT	n/a	B432I277HEH	Certified		Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
ULT	n/a	B232I347HP-A	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
ULT	n/a	B432I347HP	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
General Electric	n/a	GE-132-MV-N						Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
General Electric	n/a	GE-232-MV-N	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
General Electric	n/a	GE-332-MV-N	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
General Electric	n/a	GE-232-MV-N-DIY	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
General Electric	n/a	GE-332-MV-N-DIY	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
General Electric	n/a	GE-432-MV-N-DIY	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
General Electric	n/a	GE232MAX-N/ULTRA	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Not Recommended
General Electric	n/a	GE332MAX-N/ULTRA	Certified	Certified				Certified	Certified	Not Recommended	Not Recommended	Not Recommended		Certified	Certified
General Electric	n/a	GE432MAX-N/ULTRA	Certified	Certified	Not Recommended	Not Recommended	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
General Electric	n/a	GE232MAX-L/ULTRA	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
General Electric	n/a	GE332MAX-L/ULTRA	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
General Electric	n/a	GE432MAX-L/ULTRA	Certified	Not Recommended				Certified	Certified	Not Recommended	Not Recommended	Not Recommended		Certified	Certified
General Electric	n/a	GE132MAX-H/ULTRA			Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified			
General Electric	n/a	GE232MAX-H/ULTRA	Certified	Certified			Certified	Certified	Certified				Not Recommended	Not Recommended	Not Recommended
General Electric	n/a	GE332MAX-H/ULTRA	Certified	Certified	Not Recommended	Not Recommended	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
General Electric	n/a	GE432MAX-H/ULTRA	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
General Electric	n/a	GE232MAX347-N	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
General Electric	n/a	GE432MAX347-N	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified

See footnotes on last page.

T8 instant-start ballasts

cont'd

			MasterClass	MasterClass	MasterClass	MasterClass	MasterClass	MasterClass	MasterClass	CorePro	CorePro	CorePro	CorePro	CorePro	MasterClass																					
			7 W 1050 lm (2 ft.)	9 W 1200 lm (3 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 1600 lm (4 ft. Glass)	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.)																						
Grainger Lamp Part Number	52ZX59, 52ZX60, 52ZX61, 52ZX62, Sourcing, Sourcing, Sourcing, 52ZX59, 52ZX60, 52ZX61, 52ZX62			32MX91, 32MX92, 32MX93, 32MX94, Sourcing, Sourcing, Sourcing			406T70, 406T71, 406T72, 406T73, Sourcing			406T70, 406T71, 406T72, 406T73, SOURCING, 52ZX63, 52ZX64, 52ZX65, 52ZX66, Sourcing, 406T70, 406T71, 406T72, 406T73			Sourcing, Sourcing, Sourcing, Sourcing, 52ZX67, 52ZX68, 52ZX69, 52ZX70, Sourcing, Sourcing, Sourcing, Sourcing			406T74, 406T75, 406T76, 406T77			Sourcing, Sourcing			Sourcing, Sourcing, Sourcing, Sourcing			406T66, 406T67, 406T68, 406T69			All Available via Grainger Sourcing			40CP62, 40CP61, Sourcing, Sourcing, Sourcing, Sourcing, Sourcing, Sourcing, Sourcing, Sourcing, Sourcing, Sourcing, Sourcing			Sourcing, 54XY54, 54XY55, 54XY56		
	Philips Lamp Part Number	469270, 469288, 469296, 469304, 469429, 469445, 469437, 541813, 541821, 541839, 541847			469320, 469338, 469346, 469353, 469452, 469478, 469460			473974, 473982, 473990, 474007, 540807			468264, 468272, 468280, 468298, 468694, 469569, 469577, 469585, 469593, 473966, 473974, 473982, 473990, 474007			468306, 468314, 468322, 468330, 469601, 469619, 469627, 469635, 468652, 468660, 468678, 468686			473926, 473934, 473942, 473958			541986, 541994			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	
Manufacturer		Grainger Number	Ballast Model	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²																				
General Electric	n/a	GE232-120RES-DIY	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified																					
General Electric	n/a	GE432-120RES-DIY	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified																					
Osram Sylvania	n/a	QTP 1x32T8/UNV ISN-SC	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified																					
Osram Sylvania	n/a	QTP 2x32T8/UNV ISN-SC	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified																					
Osram Sylvania	n/a	QTP 3x32T8/UNV ISN-SC	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified																					
Osram Sylvania	n/a	QTP 4x32T8/UNV ISN-SC	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified																					
Osram Sylvania	n/a	QTP 2X32T8/347 ISN-SC	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified																					
Osram Sylvania	n/a	QHE 1x32T8/UNV ISN-SC	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified																					
Osram Sylvania	n/a	QHE 2x32T8/UNV ISN-SC	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified																					
Osram Sylvania	n/a	QHE 3x32T8/UNV ISN-SC	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified																					
Osram Sylvania	n/a	QHE 4x32T8/UNV ISN-SC	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified																					
Osram Sylvania	n/a	QHE 4X32T8/347 ISN-SC	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified																					
Osram Sylvania	n/a	QHE 1x32T8/UNV ISL-SC	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified																					
Osram Sylvania	n/a	QHE 2x32T8/UNV ISL-SC	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified																					
Osram Sylvania	n/a	QHE 3x32T8/UNV ISL-SC	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified																					
Osram Sylvania	n/a	QHE 4x32T8/UNV ISL-SC	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified																					
Osram Sylvania	n/a	QHE 1x32T8/UNV ISH-SC	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified																					
Osram Sylvania	n/a	QHE 2x32T8/UNV ISH-SC	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified																					
Osram Sylvania	n/a	QHE 3x32T8/UNV ISH-SC	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified																					
Osram Sylvania	n/a	QHE 4x32T8/UNV ISH	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified																					
Osram Sylvania	n/a	QHE 1x32T8/UNV ISH HT SC	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified																					
Osram Sylvania	n/a	QHE 2x32T8/UNV ISH HT SC	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified																					
Osram Sylvania	n/a	QHE 4X32T8/UNV ISH-HT-1	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified																					
Osram Sylvania	n/a	QHE 1x32T8/UNV ISN-SC-1	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified																					
Osram Sylvania	n/a	QHE 2x32T8/UNV ISN-SC-1	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified																					
Osram Sylvania	n/a	QHE 3x32T8/UNV ISN-SC-1	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified																					
Osram Sylvania	n/a	QHE 4x32T8/UNV ISN-SC-1	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified																					
Osram Sylvania	n/a	QHE 1x32T8/UNV ISL-SC-1	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified																					
Osram Sylvania	n/a	QHE 2x32T8/UNV ISL-SC-1	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified																					
Osram Sylvania	n/a	QHE 4x32T8/UNV ISL-SC-1	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified																					
Ultrasave	n/a	UT232347	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified																					
Ultrasave	n/a	UT432347	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified																					
Hatch	n/a	HL232AIS/UV/HE/W	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified																					
Hatch	n/a	HL332AIS/UV/HE/W	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified																					
Hatch	n/a	HL232BIS/UV/HE/W	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified																					
Hatch	n/a	HL432BIS/UV/HE/W	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified																					
Hatch	n/a	HL232AIS/34/HE/W	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified																					
Hatch	n/a	HL432AIS/34/HE/W	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified																					

See footnotes on last page.

T8 instant-start ballasts

cont'd

			MasterClass	MasterClass	MasterClass	MasterClass	MasterClass	MasterClass	MasterClass	CorePro	CorePro	CorePro	CorePro	CorePro	MasterClass
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Manufacturer	Grainger Number	Ballast Model	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²
			System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²
Accupro	n/a	AK-RC-232IP-UNV	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
Accupro	n/a	AP-232IP-UNV-M			Certified					Certified	Certified		Certified		Certified
Accupro	n/a	AP-332IP-UNV	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
Howard Industries	n/a	EP2/32IS/MV/MC/HE	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
Howard Industries	n/a	EP4/32IS/MV/MC	Certified	Certified	Certified	Certified	Certified	Certified	Certified				Certified		Certified
Howard Industries	n/a	EP4/32IS/MV/MC/HE	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
Fusion	n/a	FB232347E-N	Certified	Certified											
Fusion	n/a	FB232MVE	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
Fusion	n/a	FB432MVE-N	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
Keystone	n/a	KTEB-132-UV-IS-N-P	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
Keystone	n/a	KTEB-232RIS-1-TP-SL	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
Keystone	n/a	KTEB-232-UV-IS-L-P	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
Keystone	n/a	KTEB-232-UV-IS-N-P	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
Keystone	n/a	KTEB-332-UV-IS-L-P	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
Keystone	n/a	KTEB-332-UV-IS-N-P	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
Keystone	n/a	KTEB-432RIS-1-TP-SL	Certified	Certified						Certified	Certified	Certified	Certified	Certified	Certified
Keystone	n/a	KTEB-432-UV-IS-N-P	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
Keystone	n/a	KTEB-432-UV-PS-N-P	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
ESPER	n/a	VE232120HIP	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
ESPER	n/a	VE232MVHPIE	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
ESPER	n/a	VE232MVHIPHE	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
ESPER	n/a	VE232MVHIPLE	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
ESPER	n/a	VE332120MIP	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
ESPER	n/a	VE332MVHIPHE	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
ESPER	n/a	VE432120MIP	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
ESPER	n/a	VE432MVHIPHE	Certified	Certified						Certified	Certified	Certified	Certified	Certified	Certified
ESPER	n/a	VE432MVHIPH	Certified	Certified	Certified	Certified	Certified	Certified	Certified				Certified		Certified
ESPER	n/a	VE432MVHIPLE	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
ESPER	n/a	VE432MVHIPLE	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified

See footnotes on last page.

T8 instant-start ballasts

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			MasterClass	MasterClass	MasterClass	MasterClass
			16.5 W 2500 lm (4 ft.)	13W 2100 lm (U-Bent) ³	16 W 1800 lm (4 ft.)	8.5 W 1200 lm (3 ft.)
Grainger Lamp Part Number			48RE88, 48RE89, 48RE90, Sourcing	53YZ39, 53YZ40, 53YZ41, 53YZ42, Sourcing, Sourcing, 53YZ39, 53YZ40, 53YZ41, 53YZ42	All Available via Grainger Sourcing	32MX91, 32MX93, 32MX94, 32MX92
Philips Lamp Part Number			463133, 463141, 463158, 468892	469379, 469387, 469395, 469403, 469411, 470625, 541854, 541862, 541870, 541888	539972, 539980 539148, 539155 539163, 542688 542696, 542704	539858, 539874 539882, 539866
Manufacturer	Grainger Number	Ballast Model	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²
Philips Advance	3HHH4	ICN-1P32-N				
Philips Advance	2MCX5	ICN-2P32-N	System Certified	System Certified	System Certified	System Certified
Philips Advance	IVN21	ICN-3P32-N	System Certified			System Certified
Philips Advance	IVN22	ICN-4P32-N	System Certified		System Certified	System Certified
Philips Advance	5PTN3	IOPA-1P32-N	Not Recommended	Not Recommended	Not Recommended	
Philips Advance	5PTN4	IOPA-2P32-N	System Certified	System Certified	System Certified	System Certified
Philips Advance	2IAN20	IOPA-3P32-N	System Certified		System Certified	System Certified
Philips Advance	36N040	IOPA-4P32-N	System Certified		System Certified	System Certified
Philips Advance	5PTN6	IOPA-2P32-LW-N	System Certified	System Certified	System Certified	System Certified
Philips Advance	2IAN21	IOPA-3P32-LW-N	System Certified		System Certified	System Certified
Philips Advance	4IH214	IOPA-4P32-LW-N	System Certified		System Certified	System Certified
Philips Advance	5PTN7	IOPA-1P32-HL-N				System Certified
Philips Advance	4TLK5	IOPA-2P32-HL-N	System Certified	System Certified		System Certified
Philips Advance	4TLK6	IOPA-3P32-HL-N	System Certified		System Certified	System Certified
Philips Advance	Sourcing	IOPA-4P32-HL-SC	System Certified		System Certified	System Certified
Philips Advance	Sourcing	GOPA-1P32-SC	System Certified		System Certified	
Philips Advance	Sourcing	GOPA-2P32-SC	System Certified			
Philips Advance	Sourcing	GOPA-3P32-SC	System Certified		System Certified	System Certified
Philips Advance	Sourcing	GOPA-4P32-SC	System Certified		System Certified	System Certified
Philips Advance	Sourcing	GOPA-2P32-N	System Certified	System Certified	System Certified	System Certified
Philips Advance	Sourcing	GOPA-2P32-LW-N	System Certified	System Certified	System Certified	System Certified
Philips Advance	Sourcing	GOPA-1P32-LW-SC	System Certified	System Certified	System Certified	
Philips Advance	Sourcing	GOPA-2P32-LW-SC	System Certified		System Certified	
Philips Advance	Sourcing	GOPA-3P32-LW-SC	System Certified		System Certified	
Philips Advance	Sourcing	GOPA-4P32-LW-SC	System Certified	System Certified	System Certified	System Certified
Philips Advance	Sourcing	RES-2P32-N	System Certified	System Certified	System Certified	System Certified
Philips Advance	Sourcing	REB-2P32-SC	System Certified		System Certified	System Certified
Philips Advance	Sourcing	REB-4P32-SC	System Certified	System Certified	System Certified	System Certified
Fulham Co., Inc	n/a	WH3-120-L	System Certified	System Certified	System Certified	System Certified
Fulham Co., Inc	n/a	WH3-277-L	System Certified		System Certified	System Certified
Fulham Co., Inc	n/a	WH5-120-L				System Certified
Fulham Co., Inc	n/a	WH5-277-L	System Certified		System Certified	System Certified
Fulham Co., Inc	n/a	WHSG1-UNV-T8-IS	System Certified	System Certified	System Certified	System Certified
Fulham Co., Inc	n/a	WHSG2-UNV-T8-IS	System Certified	System Certified	System Certified	System Certified
Fulham Co., Inc	n/a	WHSG2-UNV-T8-LB	System Certified		System Certified	System Certified
Fulham Co., Inc	n/a	WHSG3-UNV-T8-IS				Not Recommended
Fulham Co., Inc	n/a	WHSG3-UNV-T8-LB	System Certified		System Certified	Not Recommended
Fulham Co., Inc	n/a	WHSG3-UNV-T8-HB	System Certified	System Certified	System Certified	Not Recommended
Fulham Co., Inc	n/a	WH42-UNV-L	System Certified	System Certified	System Certified	System Certified

See footnotes on last page.

T8 instant-start ballasts

cont'd

			MasterClass	MasterClass	MasterClass	MasterClass
			16.5 W 2500 lm (4 ft.)	13W 2100 lm (U-Bent) ³	16 W 1800 lm (4 ft.)	8.5 W 1200 lm (3 ft.)
Grainger Lamp Part Number			48RE88, 48RE89, 48RE90, Sourcing	53YZ39, 53YZ40, 53YZ41, 53YZ42, Sourcing, Sourcing, 53YZ39, 53YZ40, 53YZ41, 53YZ42	All Available via Grainger Sourcing	32MX91, 32MX93, 32MX94, 32MX92
Philips Lamp Part Number			463133, 463141, 463158, 468892	469379, 469387, 469395, 469403, 469411, 470625, 541854, 541862, 541870, 541888	539972, 539980 539148, 539155 539163, 542688 542696, 542704	539858, 539874 539882, 539866
Manufacturer	Grainger Number	Ballast Model	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²
Fulham Co., Inc	n/a	WH43-UNV-L	System Certified			Not Recommended
Fulham Co., Inc	n/a	WH44-UNV-L				Not Recommended
Fulham Co., Inc/Leviton	n/a	Zipline (36IRC-Z03)				Not Recommended
ULT	n/a	B132IUNVHP-N	Certified		Certified	Certified
ULT	n/a	B232IUNVHP-N	Certified	Certified	Certified	Certified
ULT	n/a	B332IUNVHP-A	Certified		Certified	Certified
ULT	n/a	B432IUNVHP-A	Certified		Certified	Certified
ULT	n/a	B132IUNVHE-A	Certified		Certified	Certified
ULT	n/a	B232IUNVHE-A	Certified	Certified	Certified	Certified
ULT	n/a	B332IUNVHE-A	Certified		Certified	Certified
ULT	n/a	B432IUNVHE-A	Certified		Certified	Certified
ULT	n/a	B132IUNVEL-A	Certified		Certified	Certified
ULT	n/a	B232IUNVEL-A	Certified	Certified	Certified	Certified
ULT	n/a	B332IUNVEL-A	Certified		Certified	Certified
ULT	n/a	B432IUNVEL-A	Certified		Certified	Certified
ULT	n/a	B232IUNVHEH-A	Certified		Certified	Certified
ULT	n/a	B332IUNVHEH-A	Certified		Certified	Certified
ULT	n/a	B432I277HEH	Certified		Certified	Certified
ULT	n/a	B232I347HP-A		Certified	Certified	Certified
ULT	n/a	B432I347HP			Certified	
General Electric	n/a	GE-132-MV-N	Certified		Certified	
General Electric	n/a	GE-232-MV-N	Certified	Certified	Certified	Certified
General Electric	n/a	GE-332-MV-N	Certified		Certified	Certified
General Electric	n/a	GE-232-MV-N-DIY	Certified	Certified	Certified	Certified
General Electric	n/a	GE-332-MV-N-DIY	Certified		Certified	Certified
General Electric	n/a	GE-432-MV-N-DIY	Certified		Certified	Certified
General Electric	n/a	GE232MAX-N/ULTRA	Certified	Certified	Certified	Certified
General Electric	n/a	GE332MAX-N/ULTRA	Certified		Certified	
General Electric	n/a	GE432MAX-N/ULTRA			Certified	
General Electric	n/a	GE232MAX-L/ULTRA	Certified	Certified	Certified	Certified
General Electric	n/a	GE332MAX-L/ULTRA	Certified		Certified	Certified
General Electric	n/a	GE432MAX-L/ULTRA	Certified		Certified	Not Recommended
General Electric	n/a	GE132MAX-H/ULTRA			Certified	
General Electric	n/a	GE232MAX-H/ULTRA	Not Recommended	Certified	Not Recommended	Certified
General Electric	n/a	GE332MAX-H/ULTRA	Certified		Certified	Certified
General Electric	n/a	GE432MAX-H/ULTRA	Certified		Certified	Certified
General Electric	n/a	GE232MAX347-N	Certified	Certified	Certified	Certified
General Electric	n/a	GE432MAX347-N	Certified		Certified	Certified
General Electric	n/a	GE232-120RES-DIY	Certified	Certified	Certified	Certified

T8 instant-start ballasts

cont'd

			MasterClass	MasterClass	MasterClass	MasterClass
			16.5 W 2500 lm (4 ft.)	13W 2100 lm (U-Bent) ³	16 W 1800 lm (4 ft.)	8.5 W 1200 lm (3 ft.)
Grainger Lamp Part Number	48RE88, 48RE89, 48RE90, Sourcing	53YZ39, 53YZ40, 53YZ41, 53YZ42, Sourcing, Sourcing, 53YZ39, 53YZ40, 53YZ41, 53YZ42	All Available via Grainger Sourcing		32MX91, 32MX93, 32MX94, 32MX92	
Philips Lamp Part Number	463133, 463141, 463158, 468892	469379, 469387, 469395, 469403, 469411, 470625, 541854, 541862, 541870, 541888	539972, 539980, 539148, 539155, 539163, 542688, 542696, 542704	539972, 539980, 539148, 539155, 539163, 542688, 542696, 542704	539858, 539874, 539882, 539866	
Manufacturer	Grainger Number	Ballast Model	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²
General Electric	n/a	GE432-120RES-DIY	Certified	Certified	Certified	Certified
Osram Sylvania	n/a	QTP 1x32T8/UNV ISN-SC	Certified		Certified	Certified
Osram Sylvania	n/a	QTP 2x32T8/UNV ISN-SC	Certified	Certified	Certified	Certified
Osram Sylvania	n/a	QTP 3x32T8/UNV ISN-SC	Certified		Certified	Certified
Osram Sylvania	n/a	QTP 4x32T8/UNV ISN-SC	Certified		Certified	Certified
Osram Sylvania	n/a	QTP 2X32T8/347 ISN-SC			Certified	Certified
Osram Sylvania	n/a	QHE 2x32T8/UNV ISN-SC	Certified	Certified	Certified	Certified
Osram Sylvania	n/a	QHE 3x32T8/UNV ISN-SC	Certified		Certified	Certified
Osram Sylvania	n/a	QHE 4x32T8/UNV ISN-SC	Certified		Certified	Certified
Osram Sylvania	n/a	QHE 4X32T8/347 ISN-SC			Certified	Certified
Osram Sylvania	n/a	QHE 1x32T8/UNV ISL-SC	Certified		Certified	Certified
Osram Sylvania	n/a	QHE 2x32T8/UNV ISL-SC	Certified	Certified	Certified	Certified
Osram Sylvania	n/a	QHE 3x32T8/UNV ISL-SC	Certified		Certified	Certified
Osram Sylvania	n/a	QHE 4x32T8/UNV ISL-SC	Certified		Certified	Certified
Osram Sylvania	n/a	QHE 1x32T8/UNV ISH-SC	Certified		Certified	
Osram Sylvania	n/a	QHE 2x32T8/UNV ISH-SC		Certified	Certified	
Osram Sylvania	n/a	QHE 3x32T8/UNV ISH-SC	Certified		Certified	Certified
Osram Sylvania	n/a	QHE 4x32T8/UNV ISH-SC	Certified		Certified	Certified
Osram Sylvania	n/a	QHE 1x32T8/UNV ISH HT SC	Certified		Certified	Certified
Osram Sylvania	n/a	QHE 2x32T8/UNV ISH HT SC	Certified	Certified	Certified	Certified
Osram Sylvania	n/a	QHE 4X32T8/UNV ISH-HT-1	Certified		Certified	Certified
Osram Sylvania	n/a	QHE 1x32T8/UNV ISN-SC-1	Certified		Certified	Certified
Osram Sylvania	n/a	QHE 2x32T8/UNV ISN-SC-1	Certified	Certified	Certified	Certified
Osram Sylvania	n/a	QHE 3x32T8/UNV ISN-SC-1	Certified		Certified	Certified
Osram Sylvania	n/a	QHE 4x32T8/UNV ISN-SC-1	Not Recommended		Certified	Certified
Osram Sylvania	n/a	QHE 1x32T8/UNV ISL-SC-1			Certified	Certified
Osram Sylvania	n/a	QHE 2x32T8/UNV ISL-SC-1	Certified	Certified	Certified	Certified
Osram Sylvania	n/a	QHE 4x32T8/UNV ISL-SC-1	Certified		Certified	Certified
Ultrasave	n/a	UT232347	Certified	Certified	Certified	Certified
Ultrasave	n/a	UT432347	Certified		Certified	
Hatch	n/a	HL232A1S/UV/HE/W		Certified	Certified	Certified
Hatch	n/a	HL332A1S/UV/HE/W			Certified	Certified
Hatch	n/a	HL232B1S/UV/HE/W		Certified	Certified	Certified
Hatch	n/a	HL432B1S/UV/HE/W			Certified	Certified
Hatch	n/a	HL232A1S/34/HE/W		Certified	Certified	Certified
Hatch	n/a	HL432A1S/34/HE/W			Certified	Certified
Accupro	n/a	AK-RC-232IP-UNV	Certified	Certified	Certified	Certified
Accupro	n/a	AP-232IP-UNV-M		Certified	Certified	
Accupro	n/a	AP-332IP-UNV	Certified	Certified	Certified	Certified

See footnotes on last page.

T8 instant-start ballasts

cont'd

			MasterClass	MasterClass	MasterClass	MasterClass
			16.5 W 2500 lm (4 ft.)	13W 2100 lm (U-Bent) ³	16 W 1800 lm (4 ft.)	8.5 W 1200 lm (3 ft.)
Grainger Lamp Part Number	48RE88, 48RE89, 48RE90, Sourcing	53YZ39, 53YZ40, 53YZ41, 53YZ42, Sourcing, Sourcing, 53YZ39, 53YZ40, 53YZ41, 53YZ42	All Available via Grainger Sourcing		32MX91, 32MX93, 32MX94, 32MX92	
Philips Lamp Part Number	463133, 463141, 463158, 468892	469379, 469387, 469395, 469403, 469411, 470625, 541854, 541862, 541870, 541888	539972, 539980, 539148, 539155, 539163, 542688, 542696, 542704	539972, 539980, 539148, 539155, 539163, 542688, 542696, 542704	539858, 539874, 539882, 539866	
Manufacturer	Grainger Number	Ballast Model	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²
Howard Industries	n/a	EP2/32IS/MV/MC/HE	Certified	Certified	Certified	
Howard Industries	n/a	EP4/32IS/MV/MC	Certified		Certified	Certified
Howard Industries	n/a	EP4/32IS/MV/MC/HE	Certified			Certified
Fusion	n/a	FB232347E-N				Certified
Fusion	n/a	FB232MVE	Certified	Certified	Certified	Certified
Fusion	n/a	FB432MVE-N	Certified	Certified	Certified	Certified
Keystone	n/a	KTEB-132-UV-IS-N-P	Certified	Certified	Certified	Certified
Keystone	n/a	KTEB-232RIS-1-TP-SL	Certified	Certified	Certified	Certified
Keystone	n/a	KTEB-232-UV-IS-L-P	Certified	Certified	Certified	Certified
Keystone	n/a	KTEB-232-UV-IS-N-P	Certified	Certified	Certified	Certified
Keystone	n/a	KTEB-332-UV-IS-L-P	Certified		Certified	Certified
Keystone	n/a	KTEB-332-UV-IS-N-P	Certified		Certified	Certified
Keystone	n/a	KTEB-432RIS-1-TP-SL			Certified	Certified
Keystone	n/a	KTEB-432-UV-IS-N-P	Certified		Certified	Certified
Keystone	n/a	KTEB-432-UV-PS-N-P	Certified		Certified	Certified
ESPEN	n/a	VE232120HIP	Certified	Certified	Certified	Certified
ESPEN	n/a	VE232MVHIPE	Certified	Certified	Certified	Certified
ESPEN	n/a	VE232MVHIPHE	Certified	Certified	Certified	Certified
ESPEN	n/a	VE232MVHIPL	Certified	Certified	Certified	Certified
ESPEN	n/a	VE332120MIP	Certified		Certified	Certified
ESPEN	n/a	VE332MVHIPHE	Certified		Certified	Certified
ESPEN	n/a	VE432120MIP	Certified		Certified	Certified
ESPEN	n/a	VE432MVHIPE			Certified	
ESPEN	n/a	VE432MVHIPH	Certified			Certified
ESPEN	n/a	VE432MVHIPHE	Certified		Certified	
ESPEN	n/a	VE432MVHIPL	Certified		Certified	Certified

T8 programmed-start ballasts (fixed output)

			7 W 1050 lm (2 ft.)	9 W 1200 lm (3 ft.)	9.5 W 1600 lm (4 ft.)	10 W 1600 lm (4 ft.)	13W 2100lm (4ft.)	14W 2100lm (4ft.)	14W 2100lm (4ft.)	14W 2100lm (4ft.)	14 W 2100 lm (4 ft. Glass)	15.5 W 2500 lm (4 ft.)	17W 2100lm (4ft. Glass)	16 W 1800 lm (4 ft.) UniversalFit
			Grainger Lamp Part Number	Grainger Lamp Part Number	Grainger Lamp Part Number	Grainger Lamp Part Number	Grainger Lamp Part Number	Grainger Lamp Part Number	Grainger Lamp Part Number	Grainger Lamp Part Number	Grainger Lamp Part Number	Grainger Lamp Part Number	Grainger Lamp Part Number	Grainger Lamp Part Number
			Philips Lamp Part Number	Philips Lamp Part Number	Philips Lamp Part Number	Philips Lamp Part Number	Philips Lamp Part Number	Philips Lamp Part Number	Philips Lamp Part Number	Philips Lamp Part Number	Philips Lamp Part Number	Philips Lamp Part Number	Philips Lamp Part Number	Philips Lamp Part Number
Manufacturer	Grainger Number	Ballast Model	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²
Philips Advance	Sourcing	IOP-IPSP32-N						System Certified						System Certified
Philips Advance	13Y375	IOP-2PSP32-N					System Certified	System Certified						System Certified
Philips Advance	5KNJ2	IOP-3PSP32-SC	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified
Philips Advance	5KNJ3	IOP-4PSP32-SC	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified
Philips Advance	Sourcing	IOP-IPSP32-LW-N						System Certified						System Certified
Philips Advance	13Y376	IOP-2PSP32-LW-N					System Certified	System Certified						
Philips Advance	29NT97	IOP-3PSP32-LW-SC	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	
Philips Advance	29NT98	IOP-4PSP32-LW-SC	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	
Philips Advance	Sourcing	HOP-2PSP32-HL-L					System Certified	System Certified						System Certified
Philips Advance	Sourcing	HOP-4PSP32-HL-G					System Certified	System Certified						System Certified
ULT	n/a	B232PUNVHE-B	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	
ULT	n/a	B332PUNVHE-A	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	
ULT	n/a	B432PUNVHE-A	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	
ULT	n/a	B232PUNVHEH-A					Certified	Certified						Certified
ULT	n/a	B332PUNVHEH-A					Certified	Certified						Certified
ULT	n/a	B232PUNVEL-B					Certified	Certified						Certified
ULT	n/a	B332PUNVEL-A					Certified	Certified						Certified
ULT	n/a	B432PUNVEL-A					Certified	Certified						Certified
General Electric	n/a	GE-232MVPS-XL					Certified	Certified						Certified
General Electric	n/a	GE-332MVPS-XL					Certified	Certified						Certified
General Electric	n/a	GE-132MVPS-L					Certified	Certified						Certified
General Electric	n/a	GE-232MVPS-L					Certified	Certified						Certified
General Electric	n/a	GE-332MVPS-L					Certified	Certified						Certified
General Electric	n/a	GE-432MVPS-L					Certified	Certified						Certified
General Electric	n/a	GE-132MVPS-N					Certified	Certified						Certified
General Electric	n/a	GE-232MVPS-N	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
General Electric	n/a	GE-332MVPS-N	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
General Electric	n/a	GE-432MVPS-N	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified	Certified
General Electric	n/a	GE-132MVPS-H					Certified	Certified						Certified
General Electric	n/a	GE-232MVPS-H					Certified	Certified						Certified
General Electric	n/a	GE-332MVPS-H					Certified	Certified						Certified
General Electric	n/a	GE-432MVPS-H					Certified	Certified						Certified

See footnotes on last page.

T8 programmed-start ballasts (fixed output)

cont'd

			16.5W 2500lm (4ft.)	8.5 W 1200 lm (3 ft.)	13W 2100lm (U-Bent) ³
Grainger Lamp Part Number			48RE88, 48RE89, 48RE90, Sourcing	32MX91, 32MX93, 32MX94, 32MX92	53YZ39, 53YZ40, 53YZ41, 53YZ42, Sourcing, Sourcing, 53YZ39, 53YZ40, 53YZ41, 53YZ42
Philips Lamp Part Number			463133, 463141, 463158, 468892	539858, 539874, 539882, 539866	469379, 469387, 469395, 469403, 469411, 470625, 541854, 541862, 541870, 541888
Manufacturer	Grainger Number	Ballast Model	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²
Philips Advance	Sourcing	IOP-IPSP32-N			
Philips Advance	13Y375	IOP-2PSP32-N			
Philips Advance	5KNJ2	IOP-3PSP32-SC	System Certified	System Certified	
Philips Advance	5KNJ3	IOP-4PSP32-SC	System Certified	System Certified	
Philips Advance	Sourcing	IOP-IPSP32-LW-N			
Philips Advance	13Y376	IOP-2PSP32-LW-N			
Philips Advance	29NT97	IOP-3PSP32-LW-SC	System Certified	System Certified	
Philips Advance	29NT98	IOP-4PSP32-LW-SC	System Certified	System Certified	
Philips Advance	Sourcing	HOP-2PSP32-HL-L			
Philips Advance	Sourcing	HOP-4PSP32-HL-G			
ULT	n/a	B232PUNVHE-B		Certified	
ULT	n/a	B332PUNVHE-A		Certified	
ULT	n/a	B432PUNVHE-A		Certified	
ULT	n/a	B232PUNVHEH-A			
ULT	n/a	B332PUNVHEH-A			
ULT	n/a	B232PUNVEL-B			
ULT	n/a	B332PUNVEL-A			
ULT	n/a	B432PUNVEL-A			
General Electric	n/a	GE-232MVPS-XL			
General Electric	n/a	GE-332MVPS-XL			
General Electric	n/a	GE-132MVPS-L			
General Electric	n/a	GE-232MVPS-L			
General Electric	n/a	GE-332MVPS-L			
General Electric	n/a	GE-432MVPS-L			
General Electric	n/a	GE-132MVPS-N			
General Electric	n/a	GE-232MVPS-N	Certified	Certified	Certified
General Electric	n/a	GE-332MVPS-N	Certified	Certified	
General Electric	n/a	GE-432MVPS-N	Certified	Certified	
General Electric	n/a	GE-132MVPS-H			
General Electric	n/a	GE-232MVPS-H			
General Electric	n/a	GE-332MVPS-H			
General Electric	n/a	GE-432MVPS-H			

T8 programmed-start ballasts (fixed output)

cont'd

			16.5W 2500lm (4ft.)	8.5 W 1200 lm (3 ft.)	13W 2100lm (U-Bent) ³
Grainger Lamp Part Number			48RE88, 48RE89, 48RE90, Sourcing	32MX91, 32MX93, 32MX94, 32MX92	53YZ39, 53YZ40, 53YZ41, 53YZ42, Sourcing, Sourcing, 53YZ39, 53YZ40, 53YZ41, 53YZ42
Philips Lamp Part Number			463133, 463141, 463158, 468892	539858, 539874, 539882, 539866	469379, 469387, 469395, 469403, 469411, 470625, 541854, 541862, 541870, 541888
Manufacturer	Grainger Number	Ballast Model	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²
Osram Sylvania	n/a	QHE 1X32T8/UNV PSX-MC			
Osram Sylvania	n/a	QHE 2X32T8/UNV PSX-MC			
Osram Sylvania	n/a	QHE 3X32T8/UNV PSX-SC			
Osram Sylvania	n/a	QHE 4X32T8/UNV PSX-SC			
Osram Sylvania	n/a	QHE 1X32T8/UNV PSN-MC			
Osram Sylvania	n/a	QHE 2X32T8/UNV PSN-MC	Certified	Certified	Certified
Osram Sylvania	n/a	QHE 3X32T8/UNV PSN-SC	Certified	Certified	
Osram Sylvania	n/a	QHE 4X32T8/UNV PSN-SC	Certified	Certified	
Osram Sylvania	n/a	QHES 2X32T8/UNV PSL-SC			
Osram Sylvania	n/a	QHE 2X32T8/UNV PSH-HT			
Osram Sylvania	n/a	QHE 3X32T8/UNV PSH-HT-SC			
Osram Sylvania	n/a	QHE 4X32T8/UNV PSH-HT			
Hatch	n/a	HL232APS/UV/HE/W			
Hatch	n/a	HL332APS/UV/HE/W			
Hatch	n/a	HL432APS/UV/HE/W			
Hatch	n/a	HL232BPS/UV/HE/W			
Hatch	n/a	HL332BPS/UV/HE/W			
Hatch	n/a	HL432BPS/UV/HE/W			
Hatch	n/a	HL232CPS/UV/HE/W			
Hatch	n/a	HL332CPS/UV/HE/W			

See footnotes on last page.

T8 programmed-start ballasts (dimmable) (UL Type A)

			13W 2100 lm (4 ft.)	14W 2100 lm (4 ft.)	
Grainger Lamp Part Number			406T74, 406T75, 406T76, 406T77	Sourcing, Sourcing, Sourcing, Sourcing, 52ZX67, 52ZX68, 52ZX69, 52ZX70, Sourcing, Sourcing, Sourcing, Sourcing	
Philips Lamp Part Number			473926, 473934, 473942, 473958	468306, 468314, 468322, 468330, 469601, 469619, 469627, 469635, 468652, 468660, 468678, 468686	
Manufacturer	Grainger Number	Ballast Model	System Certified/Certified ²	System Certified/Certified ²	Dimmer Recommendation
Philips Advance	Sourcing	IZT-2S32-SC			Use Compatible 0-10V dimmer
Philips Advance	Sourcing	IZT-4S32			Use Compatible 0-10V dimmer
Philips Advance	1FYF3	REZ-132-SC	System Certified	System Certified	Philips Lightolier - V1500EBUW / Lutron - MRF2-6ND-120
Philips Advance	3VK03	REZ-2S32-SC	System Certified	System Certified	Philips Lightolier - V1500EBUW / Lutron - MRF2-6ND-120
Philips Advance	3VK04	REZ-3S32-SC	System Certified	System Certified	Philips Lightolier - V1500EBUW / Lutron - MRF2-6ND-120
General Electric	n/a	GE132MVPSN-V03	Certified	Certified	Use Compatible 0-10V dimmer
General Electric	n/a	GE232MVPSN-V03	Certified	Certified	Use Compatible 0-10V dimmer
General Electric	n/a	GE332MVPSN-V03	Certified	Certified	Use Compatible 0-10V dimmer
General Electric	n/a	GE432MVPSN-V03	Certified	Certified	Use Compatible 0-10V dimmer
General Electric	n/a	GE232MVPSH-V03	Certified	Certified	Use Compatible 0-10V dimmer
General Electric	n/a	GE332MVPSH-V03	Certified	Certified	Use Compatible 0-10V dimmer
General Electric	n/a	GE432MVPSH-V03	Certified	Certified	Use Compatible 0-10V dimmer

InstantFit T8 LED drivers⁷ (UL Type C)

			7 W 1050 lm (2 ft.)	9 W 1200 lm (3 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)	12 W 1800 lm (4 ft. Glass)	14W 2100 lm (4 ft. Glass)	16.5 W 2500 lm (4 ft.)	13W 2100 lm (U-Bent) ³	9.5 W 1600 lm (4 ft.)	15.5 W 2500 lm (4 ft.)	8.5 W 1200 lm (3 ft.)
Grainger Lamp Part Number			52ZX59, 52ZX60, 52ZX61, 52ZX62, Sourcing, Sourcing, Sourcing, 52ZX59, 52ZX60, 52ZX61, 52ZX62	32MX91, 32MX92, 32MX93, 32MX94, Sourcing, Sourcing	406T70, 406T71, 406T72, 406T73, Sourcing, 52ZX63, 52ZX64, 52ZX65, 52ZX66, Sourcing, 406T70, 406T71, 406T72, 406T73	Sourcing, Sourcing, Sourcing, Sourcing, 52ZX67, 52ZX68, 52ZX69, 52ZX70, Sourcing, Sourcing, Sourcing, Sourcing	406T74, 406T75, 406T76, 406T77	Sourcing, Sourcing	Sourcing, Sourcing, Sourcing, Sourcing	406T66, 406T67, 406T68, 406T69	48RE88, 48RE89, 48RE90, Sourcing	53YZ39, 53YZ40, 53YZ41, 53YZ42, Sourcing, Sourcing, 53YZ39, 53YZ40, 53YZ41, 53YZ42	406T70, 406T71, 406T72, 406T73, Sourcing	Sourcing, 54XY54, 54XY55, 54XY56	32MX91, 32MX93, 32MX94, 32MX92
Philips Lamp Part Number			469270, 469288, 469296, 469304, 469429, 469445, 469437, 541813, 541821, 541839, 541847	469320, 469338, 469346, 469353, 469452, 469478, 469460	468264, 468272, 468280, 468298, 468694, 469569, 469577, 469585, 469593, 473966	468306, 468314, 468322, 468330, 469061, 469619, 469627, 469635, 468652, 468660, 468678, 468686	473926, 473934, 473942, 473958	541986, 541994	530469, 530477, 530485, 530493	470096, 470104, 470112, 470120	463133, 463141, 463158, 468892	469379, 469387, 469395, 469403, 469411, 470625, 541854, 541862, 541870, 541888	473974, 473982, 473990, 474007, 540807	545178, 533372, 545194, 545200	539858, 539874, 539882, 539866
Manufacturer	Grainger Number	Ballast Model	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²
Philips Advance	Sourcing	ICN-2P13-TLED-N					System Certified					System Certified			
Philips Advance	Sourcing	ICN-2P15-TLED-N	System Certified									System Certified		System Certified	System Certified
Philips Advance	45MX70	ICN-2P16-TLED-N	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified		System Certified	System Certified	System Certified
Philips Advance	Sourcing	ICN-3P13-TLED-N					System Certified								
Philips Advance	Sourcing	ICN-3P15-TLED-N	System Certified											System Certified	System Certified
Philips Advance	Sourcing	ICN-3P16-TLED-N	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified		System Certified	System Certified	System Certified
Philips Advance	Sourcing	ICN-4P13-TLED-N					System Certified								
Philips Advance	Sourcing	ICN-4P15-TLED-N	System Certified											System Certified	System Certified
Philips Advance	45MX71	ICN-4P16-TLED-N	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified		System Certified	System Certified	System Certified
Philips Advance	Sourcing	ICN-4P16-TLED-HL-SC	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified		System Certified	System Certified	System Certified
Philips Advance	404K51	IZT-2P16-TLED-SC	System Certified				System Certified	System Certified	System Certified	System Certified	System Certified			System Certified	
Philips Advance	404K52	IZT-4P16-TLED-SC					System Certified	System Certified			System Certified			System Certified	

See footnotes on last page.

T8/T5/PLL emergency ballasts⁶ (UL Type A)

				7 W 1050 lm (2 ft.)	9 W 1200 lm (3 ft.)	10W 1600lm (4 ft.)	13W 2100lm (4 ft.)	14W 2100lm (4 ft.)	12W 1800lm (4 ft. Glass)
Manufacturer	Grainger Number	Emergency Ballast Model	# of lamps in Emerg.	System Certified ¹ /Certified ²	System Certified ¹ /Certified ²	System Certified ¹ /Certified ²	System Certified ¹ /Certified ²	System Certified ¹ /Certified ²	System Certified ¹ /Certified ²
				Grainger Lamp Part Number	52ZX59, 52ZX60, 52ZX61, 52ZX62, Sourcing, Sourcing, 52ZX59, 52ZX60, 52ZX61, 52ZX62	32MX91, 32MX92, 32MX93, 32MX94, Sourcing, Sourcing, Sourcing, 32MX91, 32MX92, 32MX93, 32MX94	Sourcing, Sourcing, Sourcing, Sourcing, 52ZX63, 52ZX64, 52ZX65, 52ZX66, Sourcing, 406T70, 406T71, 406T72, 406T73	406T74, 406T75, 406T76, 406T77	Sourcing, Sourcing, Sourcing, Sourcing, 52ZX67, 52ZX68, 52ZX69, 52ZX70, Sourcing, Sourcing, Sourcing
Philips Lamp Part Number	469270, 469288, 469296, 469304, 469429, 469445, 469437, 541813, 541821, 541839, 541847	469320, 469338, 469346, 469353, 469452, 469478, 469460, 539858, 539874, 539882, 539866							
Philips Bodine	Sourcing	B50 (I2 NC: 913702456401)	1	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified
Philips Bodine	Sourcing	PEL12	1	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified
Philips Bodine	Sourcing	LP600	1	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified
Philips Bodine	Sourcing	LP600STU	1	Not Recommended	Not Recommended	System Certified	System Certified	System Certified	System Certified
Philips Chloride	Sourcing	DEB-6LP	1	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified
Iota Engineering	n/a	I-320	1 or 2	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified
Iota Engineering	n/a	I-1605	1 or 2	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified
Iota Engineering	n/a	I-162	2	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified
Iota Engineering	n/a	ISL-54	1 or 2	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified
Iota Engineering	n/a	ISL-540	1 or 2	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified
Fulham Co., Inc	n/a	FH7-UNV-500L	1	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified
Fulham Co., Inc	n/a	FH11-UNV-750L-xx	1	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified
Fulham Co., Inc	n/a	FH12-UNV-1400K-xx	1	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified

T8/T5/PLL emergency ballasts⁶ (UL Type A)

cont'd

				14 W 2100 lm (4 ft. Glass)	17W 2100lm (4 ft. Glass)	16.5W 2500lm (4 ft.)	13W 2100lm (U-Bent) ³	16.5W 2100lm (PL-L 2 ft.)	T5 HO	T5 HE
Manufacturer	Grainger Number	Emergency Ballast Model	# of lamps in Emerg.	System Certified ¹ /Certified ²	System Certified ¹ /Certified ²	System Certified ¹ /Certified ²	System Certified ¹ /Certified ²	System Certified ¹ /Certified ²	System Certified ¹ /Certified ²	System Certified ¹ /Certified ²
				Grainger Lamp Part Number	406T66, 406T67, 406T68, 406T69	40CP62, 40CP61, Sourcing, Sourcing, Sourcing, Sourcing, Sourcing, Sourcing, Sourcing, Sourcing, Sourcing, Sourcing, Sourcing, Sourcing, Sourcing, Sourcing	48RE88, 48RE89, 48RE90, Sourcing	53YZ39, 53YZ40, 53YZ41, 53YZ42, Sourcing, Sourcing	44ZA61, Sourcing, 44ZA53	53UG87, 53UG88, 53UG89, 53UG90
Philips Lamp Part Number	470096, 470104, 470112, 470120	456566, 456574, 472878, 472886, 472894, 472902, 472910, 472928, 472936, 472944, 472968, 472976, 479782, 479790	463133, 463141, 463158, 468892	469379, 469387, 469395, 469403, 469411, 470625	456632, 456640, 456657	467126, 467134, 467142, 467159	476499, 476507, 476515, 476523			
Philips Bodine	Sourcing	B50 (I2 NC: 913702456401)	1	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified
Philips Bodine	Sourcing	PEL12	1	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified
Philips Bodine	Sourcing	LP600	1	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified
Philips Bodine	Sourcing	LP600STU	1	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified
Philips Chloride	Sourcing	DEB-6LP	1	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified
Iota Engineering	n/a	I-320	1 or 2	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified
Iota Engineering	n/a	I-1605	1 or 2	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified
Iota Engineering	n/a	I-162	2	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified
Iota Engineering	n/a	ISL-54	1 or 2	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified
Iota Engineering	n/a	ISL-540	1 or 2	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified
Fulham Co., Inc	n/a	FH7-UNV-500L	1	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified
Fulham Co., Inc	n/a	FH11-UNV-750L-xx	1	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified
Fulham Co., Inc	n/a	FH12-UNV-1400K-xx	1	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified

See footnotes on last page.

T5HO ballasts^{1,2}
(UL Type A)

		Grainger Lamp Part Number	53UG87, 53UG88, 53UG89, 53UG90
		Philips Lamp Part Number	467126, 467134, 467142, 467159
Manufacturer	Grainger Number	Ballast Model	System Certified ¹ /Certified ²
Philips Advance	Sourcing	ICN-2554-N	System Certified
Philips Advance	24W561	ICN-2554-90C-N	System Certified
Philips Advance	3CE46	ICN-2554-T	System Certified
Philips Advance	Sourcing	ICN-2554-90C-T	System Certified
Philips Advance	Sourcing	ICN-2554-N(L)	System Certified
Philips Advance	1FYE5	ICN-4554-90C-2LS-G	System Certified
Philips Advance	2LMW5	HCN-2554-90C-WL	System Certified
Philips Advance	Sourcing	HCN-4554-90C-2LS-G	System Certified
Philips Advance	Sourcing	IZT-2554-D	System Certified
Philips Advance	Sourcing	REZ-2554	System Certified
General Electric	n/a	GE254MVPS-A	Certified
General Electric	n/a	GE254MVPS-D	Certified
General Electric	n/a	GE454MVPS90-E-S	Certified
General Electric	n/a	GE454MVPS90-F	Certified
General Electric	n/a	GE454MVPS90-G	Certified
General Electric	n/a	GE254MVPS90-A	Certified
Osram Sylvania	n/a	QHE 2x54T5HO/UNV PSN	Certified
Osram Sylvania	n/a	QHE 2x54T5HO/UNV PSN HT	Certified
Osram Sylvania	n/a	QHE 2x54T5HO/UNV PSN(L)	Certified
Osram Sylvania	n/a	QTP 2X54T5HO/UNV PSN HT	Certified
ULT	n/a	B254PUNV-D	Certified
ULT	n/a	B254PUNVHB-D	Certified
ULT	n/a	B454PUNV-E	Certified
ULT	n/a	B454PUNVHB-E	Certified
Hatch	n/a	HL454HO/PS/UV/W	Certified
Hatch	n/a	HL254HO/PS/UV/W	Certified
ESPEN	n/a	VE254MVHRP	Certified
ESPEN	n/a	VE454MVHRP	Certified
Fulham	n/a	RHA-UNV-254-LT5	Certified
Fulham	n/a	RHA-UNV-454-LT5	Certified
Keystone Inc.	n/a	KTEB-254HO-UV-PS-SL	Certified
Keystone Inc.	n/a	KTEB-454HO-UV-TP-PS	Certified
Sunpark	n/a	U-2/54T5HO	Certified
MAGG	n/a	2x54W LFL T5 AFP	Certified

T5 HE ballasts^{1,2}
(UL Type A)

			8 W 1050 lm (2 ft. Glass)	11 W 1500 lm (3 ft. Glass)	14 W 2100 lm (4 ft. Glass)	
			Grainger Lamp Part Number	449U86, 449U87, 449U88, 449U89	449U90, 449U91, 449U92, 449U93	449U94, 449U95, 449U96, 449U97
			Philips Lamp Part Number	476416, 476424, 476432, 476440	476457, 476465, 476473, 476481	476499, 476507, 476515, 476523
Manufacturer	Grainger Number	Ballast Model	System Certified ¹ / Certified ²	System Certified ¹ / Certified ²	System Certified ¹ / Certified ²	System Certified ¹ / Certified ²
Philips Advance	Sourcing	ICN-2524-N	System Certified	System Certified		
Philips Advance	3CE44	ICN-2524-T	System Certified	System Certified		
Philips Advance	5AAL4	ICN-2528-N	System Certified	System Certified	System Certified	
Philips Advance	IFYF7	ICN-2528-T	System Certified	System Certified	System Certified	
Philips Advance	Sourcing	GCN-2528-L	System Certified	System Certified	System Certified	
Philips Advance	20JT67	IZT-2528-D	System Certified	System Certified	System Certified	
Osram Sylvania	n/a	QHE 2X39-24T5HO/UNV PSN	Certified	Certified		
Osram Sylvania	n/a	QTP 2X28T5/UNV PSN	Certified	Certified		Certified
Osram Sylvania	n/a	QHE 2X28T5/UNV PSN	Certified*	Certified*		Certified
General Electric	n/a	GE228MVPS-MC	Certified*	Certified*		Certified*
General Electric	n/a	GE228MVPS-MC-H	Certified	Certified		Certified
ULT	n/a	B224PUNV-C	Certified	Certified		
ULT	n/a	B228PUNV-C	Certified	Certified		Certified
ULT	n/a	B228PUNV-N	Certified	Certified		Certified
ULT	n/a	B228PUNV85-D	Certified	Certified		Certified
ULT	n/a	B239PUNV-D	Certified*	Certified*		
Keystone	n/a	KTEB-228HE-UV-PS	Certified	Certified		Certified
Keystone	n/a	KTEB-228HE-UV-PS-SL	Certified	Certified		Certified
Fulham	n/a	RHA-UNV-228-LT5	Certified	Certified		Certified
Robertson	n/a	PSA228T5MV	Certified	Certified		Certified

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

PL-L ballasts

		16.5 W 2100 lm (PL-L 2 ft.)	16.5 W 2300 lm (PL-L 2 ft.)
Grainger Lamp Part Number		44ZA61, Sourcing, 44ZA53	494D34, 494D35, 494D36
Philips Lamp Part Number		456632, 456640, 456657	532895, 532903, 532911
Manufacturer	Grainger Number	Ballast Model	System Certified/ Certified ²
Philips Advance	Sourcing	ICN-1TTP40-SC	System Certified
Philips Advance	1XWJ5	ICN-2TTP40-SC	System Certified*
Philips Advance	1XWJ6	ICN-3TTP40-SC	System Certified
Philips Advance	Sourcing	ICN-2S24-N	System Certified
Philips Advance	3CE44	ICN-2S24-T	System Certified
Philips Advance	Sourcing	ICN-2S39-N	System Certified
Philips Advance	3CE45	ICN-2S39-T	System Certified
Philips Advance	Sourcing	ICF-2S42-M2-B5	System Certified
Philips Advance	Sourcing	ICF-2S42-M2-LD	System Certified
Philips Advance	Sourcing	ICF-2S42-90C-M2-B5	System Certified
Philips Advance	Sourcing	ICF-2S42-90C-M2-LD	System Certified
General Electric	n/a	GE140MAX-A	Certified
General Electric	n/a	GE240MAX-A	Certified
General Electric	n/a	GE340MAX-A	Certified
General Electric	n/a	GEC242-MVPS	Certified
General Electric	n/a	GEC240MVPS-A	Certified
General Electric	n/a	GEC225MVPS-A	Certified
Osram Sylvania	n/a	QHE1X4ODL/UNV ISN-SC	Certified
Osram Sylvania	n/a	QHE2X4ODL/UNV ISN-SC	Certified
Osram Sylvania	n/a	QHE3X4ODL/UNV ISN-SC	Certified
Osram Sylvania	n/a	QTP 1x40TT5/277 PSN-F	Certified
Osram Sylvania	n/a	QTP 2x40TT5/120 PSN-F	Certified
Osram Sylvania	n/a	QTP 2x40TT5/277 PSN-F	Certified
Osram Sylvania	n/a	QTP 3x40TT5/120 PSN-B	Certified
Osram Sylvania	n/a	QTP 3x40TT5/277 PSN-B	Certified
Osram Sylvania	n/a	QTP 2X26/32/42CF/UNV DM	Certified

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

T12 ELECTRONIC BALLASTS

T12 electronic ballasts

		13 W 2100 lm (4 ft.)	14 W 2100 lm (4 ft.)	16 W 1800 lm (4 ft.) UniversalFit
Grainger Lamp Part Number		406T74, 406T75, 406T76, 406T77	Sourcing, Sourcing, Sourcing, 52ZX67, 52ZX68, 52ZX69, 52ZX70	All Available via Grainger Sourcing
Philips Lamp Part Number		473926, 473934, 473942, 473958	468306, 468314, 468322, 468330, 469061, 469619, 469627, 469635	539972, 539980, 539148, 539155, 539163, 542688, 542696, 542704
Manufacturer	Grainger Number	Ballast Model	System Certified/ Certified ²	System Certified/ Certified ²
Philips Advance	4FZN3	ICN-2S40-N	System Certified	System Certified
Philips Advance	5ZND2	RELB-2S40-N	System Certified	System Certified

See footnotes on last page.

T8/T12 8' Slimline ballasts^{1,2} (UL Type A)

		35W 4200 lm (8ft Plastic)	30W 4200 lm (8ft Glass)
Grainger Lamp		469239, 469247, 469254, 469262	533000, 533018, 533026, 533034
Philips Lamp		469239, 469247, 469254, 469262	533000, 533018, 533026, 533034
Manufacturer	Grainger Number	Ballast Model	System Certified/ Certified ²
Philips Advance	1XWJ3	IOP-2P59-N	System Certified
Philips Advance	4VMY6	ICN-2P60-N	System Certified
General Electric	n/a	GE259MAX-L/ULTRA	Certified
General Electric	n/a	GE259MAX-P/ULTRA	Certified
General Electric	n/a	GE-259-MV-N 30194	Certified
General Electric	n/a	GE259MAX-G-N 74469	Certified
General Electric	n/a	GE259MAXP-N-DIY 23954	Certified
Howard Industries	n/a	EP2/59IS/MV/MC/HE	Certified
Howard Industries	n/a	E2/775IS-120MC	Certified
Fulham	n/a	WH5-277-L	Certified
ULT	n/a	B260IUNVHP	Certified
ULT	n/a	B260I120M-A	Certified
Osram Sylvania	n/a	OSRAM QT 2X96/120 I5	Certified
Osram Sylvania	n/a	OSRAM QT 2X96/277 I5	Certified
Osram Sylvania	n/a	2X75W T12(96")	Certified
Industrias Sola Basics S A DE C V	n/a	EIO-260-MC	Certified
Industrias Sola Basics S A DE C V	n/a	EOI-230/32-MC	Certified

T12 rapid-start magnetic ballasts^{1,2} (UL Type A)

		20 W 2100 lm (4 ft.)	16 W 1800 lm (4 ft.) UniversalFit
Grainger Lamp Part Number		48WL68, 48WL69	All Available via Grainger Sourcing
Philips Lamp Part Number		463117, 463125	539972, 539980, 539148, 539155, 539163, 542688, 542696, 542704
Manufacturer	Grainger Number	Ballast Model	System Certified/ Certified ²
Philips Advance	Sourcing	R-140-1-TP	System Certified
Philips Advance	Sourcing	X-140-TP	System Certified
Philips Advance	Sourcing	R-2S40-1-TP	System Certified
Philips Advance	Sourcing	XQM-2S40-TP	System Certified
Philips Advance	Sourcing	V-2S40-1-TP	System Certified
Philips Advance	Sourcing	RQM-2S40-3-TP	System Certified
Philips Advance	Sourcing	R-2S34-TP-5	System Certified
Philips Advance	Sourcing	V-2S34-TP	System Certified
Philips Advance	Sourcing	RM-2S35-TP	System Certified
General Electric	n/a	GEM240RS277	Certified
General Electric	n/a	GEM240RS120 -1	Certified
Howard Industries	n/a	M1/40RS-120	Certified
Howard Industries	n/a	M2/40RS-277	Certified
Howard Industries	n/a	M2/40RS-240 -1	Certified
ULT	n/a	412-L-SLH-TC-P	Certified
ULT	n/a	458-L-SLH-TC-P	Certified
ULT	n/a	540-L-TC-P	Certified
ULT	n/a	CAT.NO.446-L-LH-TC-P-7	Certified
ULT	n/a	443-L-SLH-TC-P	Certified
ULT	n/a	446-L-SLH-TC-P	Certified
Osram Sylvania	n/a	MB1x40/277 RS-1	Certified
Osram Sylvania	n/a	MB1x40/120RS-1	Certified
Osram Sylvania	n/a	MB2x40/120RS-1	Certified
Osram Sylvania	n/a	MB2x40/277RS-1	Certified
Industrias Sola Basics S A DE C V	n/a	E420-F-234 IC -1	Certified
Radionic Industries Inc.	n/a	CAT.NO. ES240HTP	Certified

PL-S/C ballasts⁷

		Horizontal Lamp PLS 5W 2-pin	Vertical Lamp PLC 5W 2-pin	Horizontal Lamp PLC 5W 2-pin	
Grainger Lamp Part Number		494C78, Sourcing, 494C79, 494C80	494C85, 494C86, 494C87, 494C88	494C81, 494C82, 494C83, 494C84	
Philips Lamp Part Number		529511, 529560, 529578, 529586	532358, 532366, 532374, 532382	532309, 532317, 532333, 532341	
Manufacturer	Grainger Number	Ballast Model	System Certified ¹ /Certified ²	System Certified ¹ /Certified ²	System Certified ¹ /Certified ²
Philips Advance	6V987	VH-1B13-TP-W	System Certified	System Certified	System Certified
Philips Advance	6V986	H-1B13-TP-W	System Certified	System Certified	System Certified
Philips Advance	3JN67	VLO-13-TP	System Certified	System Certified	System Certified
Philips Advance	Sourcing	H-2B13-TP-BLS	System Certified	System Certified	System Certified
Philips Advance	3JN60	LC-13-TP	System Certified	System Certified	System Certified
Robertson	n/a	SIP	Certified	Certified	Certified
Robertson	n/a	O1527P(3P10104)	Certified*	Certified*	Certified*
Robertson	n/a	HP213P(3P10073)	Certified	Certified	Certified

*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 COMPACT FLUORESCENT EMERGENCY BALLASTS (UL TYPE A)

Emergency ballasts (for compact fluorescent lamps)^{1,7}

		Vertical Lamp 10.5W	Horizontal Lamp 8.5W	Vertical Lamp 12W	Horizontal Lamp 12W	
Grainger Lamp Part Number		44ZA63, 44ZA58, 44ZA59, 44ZA54	44ZA56, 44ZA55, 44ZA60, 44ZA57	Sourcing, Sourcing, Sourcing, Sourcing	Sourcing, Sourcing, Sourcing, Sourcing	
Philips Lamp Part Number		458406, 458414, 458422, 458430	458364, 458372, 458380, 458398	476101, 476119, 476127, 476135	476069, 476077, 476085, 476093	
Manufacturer	Grainger Number	Emergency Ballast Model	System Certified ¹ /Certified ²	System Certified ¹ /Certified ²	System Certified ¹ /Certified ²	System Certified ¹ /Certified ²
Iota	n/a	I-42 (2)		System Certified		System Certified
Iota	n/a	I-420 (1)	System Certified	System Certified	System Certified	System Certified
Iota	n/a	I-420 (2)	System Certified	System Certified	System Certified	System Certified
Iota	n/a	I-160 (1)	System Certified		System Certified	
Iota	n/a	I-160 (2)	System Certified	System Certified	System Certified	System Certified
Fulham	n/a	FH11-UNV-750L (2)	System Certified	System Certified	System Certified	System Certified
Fulham	n/a	FH12-UNV-1400L (2)	System Certified	System Certified	System Certified	System Certified

Systems on this page are:



See footnotes on last page.

PL-C/T ballasts⁷

			Vert. Lamp 10.5W	Horiz. Lamp 8.5W	Vert. Lamp 12W	Horiz. Lamp 12W	Vert. Lamp 5.5W	Horiz. Lamp 5.5W
			Grainger Lamp Part Number	44ZA63, 44ZA58, 44ZA59, 44ZA54	44ZA56, 44ZA55, 44ZA60, 44ZA57	Sourcing, Sourcing, Sourcing, Sourcing	Sourcing, Sourcing, Sourcing, Sourcing	Sourcing, Sourcing, Sourcing, Sourcing
			Philips Lamp Part Number	458406, 458414 458422, 458430	458364, 458372 458380, 458398	476101, 476119 476127, 476135	476069, 476077 476085, 476093	532432, 532440 532457, 532465
Manufacturer	Grainger Number	Ballast Model	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²
Philips Advance	Sourcing	ICF-2513-M1-BS	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified
Philips Advance	Sourcing	ICF-2513-HI-LD	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified
Philips Advance	Sourcing	ICF-2513-M1-BS-QS	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified
Philips Advance	Sourcing	ICF-2526-H1-LD	System Certified	System Certified*	System Certified	System Certified*		
Philips Advance	Sourcing	ICF-2526-M1-BS	System Certified	System Certified	System Certified	System Certified	System Certified	
Philips Advance	Sourcing	ICF-2526-M1-BS-QS	System Certified	System Certified	System Certified	System Certified	System Certified	
Philips Advance	Sourcing	ICF-2518-H1-LD	System Certified	System Certified	System Certified	System Certified		
Philips Advance	Sourcing	ICF-2518-M1-BS	System Certified	System Certified	System Certified	System Certified		
Philips Advance	Sourcing	ICF-2518-M1-BS-QS	System Certified	System Certified	System Certified	System Certified		
Philips Advance	Sourcing	ICF-2542-M2-LD	System Certified	System Certified	System Certified**	System Certified**		
Philips Advance	Sourcing	ICF-2542-M2-BS	System Certified	System Certified	System Certified**	System Certified**		
Philips Advance	Sourcing	ICF-2542-90C-M2-BS	System Certified	System Certified	System Certified**	System Certified**		
Philips Advance	Sourcing	ICF-2542-90C-M2-LD	System Certified	System Certified	System Certified**	System Certified**		
Philips Advance	Sourcing	IZT-2526-M5-LD	System Certified	System Certified	System Certified	System Certified	System Certified	System Certified
Philips Advance	Sourcing	REB-113-M6-EL	System Certified	System Certified	System Certified	System Certified		
Philips Advance	Sourcing	REB-113-M6-BLS					System Certified	System Certified
Philips Advance	Sourcing	REB-118-M6-BLS	System Certified	System Certified	System Certified	System Certified		
Philips Advance	Sourcing	REB-2518-M6-EL	System Certified	System Certified	System Certified	System Certified		
Philips Advance	Sourcing	REB-126-M6-BLS	System Certified	System Certified	System Certified	System Certified		
General Electric	n/a	GEC218-MVPS-SE	Certified	Certified	Certified	Certified		
General Electric	n/a	GEC226-MVPS-3W	Certified	Certified	Certified	Certified		
General Electric	n/a	GEC242-MVPS-SE	Certified	Certified	Certified	Certified		
ULT	n/a	C213UNVME					Certified	Certified
ULT	n/a	C218UNVME	Certified	Certified	Certified	Certified		
ULT	n/a	C2642UNVME	Certified	Certified	Certified	Certified		
ULT	n/a	C242UNVME	Certified	Certified	Certified	Certified		
ULT	n/a	C218UNVBE	Certified	Certified	Certified	Certified		
ULT	n/a	C2642UNVBE	Certified	Certified	Certified	Certified		
Osram Sylvania	n/a	QTP 1/2X18CF/UNV DM	Certified	Certified	Certified	Certified		
Osram Sylvania	n/a	QTP 2X26CF/UNV DM	Certified	Certified	Certified	Certified	Certified	Certified
Osram Sylvania	n/a	QTP2x26CF/UNV	Certified	Certified	Certified	Certified		
Howard Industries	n/a	EP2/26CF/MV/2	Certified	Certified	Certified	Certified		
Howard Industries	n/a	EP2CF26PS/MV/DC/K	Certified	Certified	Certified	Certified		
Motorola	n/a	M2-CF-26-B-S-277	Certified	Certified	Certified	Certified		
Keystone	n/a	CAT.NO.KTEB-226-UV-RS-DW	Certified	Certified	Certified	Certified		
Fulham	n/a	WH2-120-C					Certified	Certified
Fulham	n/a	WH2-120-L					Certified	Certified
Fulham	n/a	NPY-120-226-CFL	Certified	Certified	Certified	Certified		
Robertson	n/a	RED1L10-120H	Certified	Certified	Certified	Certified		
ACE	n/a	CSD-332PBM	Certified	Certified	Certified	Certified		
Sunpark	n/a	LC 12010T					Certified	Certified
Sunpark	n/a	SL15T	Certified	Certified	Certified	Certified		
Topstar Premium	n/a	BB-PL/UNH-1/2X26-1X42	Certified	Certified	Certified	Certified		
Topstar Premium	n/a	BB-PL/UVH-1/2X13-18	Certified	Certified	Certified	Certified		
Antron	n/a	16X952 CSD-113PNPF	Certified	Certified	Certified	Certified		
Standard	n/a	E528-120V/STD/EOL	Certified	Certified	Certified	Certified		
Radionic	n/a	RPL26-42R-M	Certified	Certified	Certified	Certified		
DAMAR	n/a	23350D					Certified	Certified

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

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

See footnotes on last page.

LATAM T8 ballasts

			7W 1150 lm (2 ft.)	10W 1600lm (4 ft.)	13W 2100lm (4 ft.)	17W 2100lm (4 ft.)	13W 2100lm (U-Bent)
Grainger Lamp Part Number			Sourcing, Sourcing	406T72, 406T73	Sourcing, Sourcing	Sourcing	Sourcing, Sourcing, Sourcing, Sourcing
Philips Lamp Part Number			929001311004 929001311104	929001397404 929001397504	929001397804 929001397904	929001343503	929001311804 929001311904 929001312004 929001312104
Manufacturer	Grainger Number	Emergency Ballast Model	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²	System Certified/ Certified ²
Philips Advance	2MCX5	ICN-2P32-N	System Certified	System Certified	System Certified	System Certified	System Certified
Philips Advance	Sourcing	RES-2P32-N	System Certified	System Certified	System Certified	System Certified	System Certified
Philips Advance	Sourcing	REM-2P32-N	System Certified	System Certified	System Certified	System Certified	System Certified
ISB Sola Basic	n/a	758-232-MC	Certified	Certified	Certified	Certified	Certified
ISB Sola Basic	n/a	758-432-SC	Certified	Certified	Certified	Certified	Certified
ISB Sola Basic	n/a	758-U-432-SC	Certified	Certified	Certified	Certified	Certified
ISB Sola Basic	n/a	E-758-U-232-SC	Certified	Certified	Certified	Certified	Certified
ISB Sola Basic	n/a	EI8-232	Certified	Certified	Certified	Certified	Certified
Magg	n/a	B04341	Certified	Certified	Certified	Certified	Certified
Osram Sylvania	n/a	QTP 1X32T8/UNV ISN-SC	Certified	Certified	Certified	Certified	
Osram Sylvania	n/a	QTP 2X32T8/UNV ISN-SC	Certified	Certified	Certified	Certified	Certified
Osram Sylvania	n/a	QTP 3X32T8/UNV ISN-SC	Certified	Certified	Certified	Certified	
Osram Sylvania	n/a	QTP 4X32T8/UNV ISN-SC	Certified	Certified	Certified	Certified	

LATAM FA8 BALLASTS

LATAM FA8 ballasts

			13W 1600lm (4 ft.)	26W 3200lm (8 ft.)
Grainger Lamp Part Number			Sourcing	Sourcing
Philips Lamp Part Number			929001273412	929001273612
Manufacturer	Grainger Number	Emergency Ballast Model	System Certified/ Certified ²	System Certified/ Certified ²
Philips Advance	Sourcing	ICN-2P59-N	System Certified	System Certified
Philips Advance	Sourcing	REL-275-N	System Certified	System Certified
Philips Advance	Sourcing	REL-239-N	System Certified	System Certified
ISB Sola Basic	n/a	758-U-259-SC	Certified	Certified
ISB Sola Basic	n/a	I2-EI-139	Certified	Certified
ISB Sola Basic	n/a	EI0-230/232-MC	Certified	Certified
ISB Sola Basic	n/a	758-259-SC	Certified	Certified
ISB Sola Basic	n/a	EI0-U-260-SC	Certified	Certified
ISB Sola Basic	n/a	EI0-260-MC	Certified	Certified

See footnotes on last page.

1. System performance (Philips InstantFit LED T8 lamps and ballast) has been evaluated by the lamp and ballast manufacturer.
2. System performance (Philips InstantFit LED T8 lamps and ballast) has been evaluated by the lamp manufacturer only.
3. Typical application for U-Bent lamps is with 2-lamp ballasts.
4. Ballasts test are performed with a specific manufacturing date code. Older ballasts, with the same model numbers may have different electronic designs and consequently compatibility may vary. Similarly, newer ballast, with the same model number, may have undergone revisions that may affect compatibility. Compatibility may also extend beyond this list and Philips recommends testing a few fixtures with the InstantFit lamps, even if the ballast is on this compatibility list, to ensure compatibility and performance.
5. Connect BRN/BRN-W leads.
6. Please contact the emergency ballast manufacturer for wiring diagrams.
7. UL/CSA classified with the listed ballasts.

Please contact Philips for questions about third party ballasts that are not on this list. Information in this document is subject to change without prior notice

AVAILABLE THROUGH
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