

T8 fluorescent lighting systems premium ballasts

Manufacturer	Model Number	Voltage [V] ⁽¹⁾	Input Power [W]	Lamp	Type ⁽²⁾	Min Temp [°C]	Light Output	Case ⁽³⁾	IR ⁽⁴⁾	Warranty [years]	Approval Year
ACE	EPD-332T8M	347	37	1x4'	I	-18	108%	P	NT	5	2008
ACE	EPD-332T8M	347	63	2x4'	I	-18	90%	P	NT	5	2008
ACE	EPQ-A32T8M	120	88	3x4'	P	-18	94%	P	NT	5	2008
ACE	EPQ-A32T8M	120	107	4x4'	P	-18	87%	P	NT	5	2008
ACE	ESD-332T8M	347	62	2x4'	P	0	89%	P	NT	5	2008
ACE	ESPQ-332T8M	347	112	4x4'	P	0	88%	P	NT	5	2008
Advance	IOP-4PSP32-SC	120	110	4x4'	P	-18	88%	P	NT	5	2010
Advance	IOP-3PSP32-SC	120	85	3x4'	P	-18	88%	P	NT	5	2010
Advance	GOP-4PSP32-SC	120	114	4x4'	P	-18	88%	P	NT	5	2012
Advance	GOPA-3P32-SC	347	63	2x4'	I	-29	100%	P	NT	5	2010
Advance	GOPA-3P32-SC	347	84	3x4'	I	-29	88%	P	NT	5	2010
Advance	GOPA 1P32-SC	347	32	1x4'	I	-29	88%	P	NT	5	2010
Advance	IOPA-3P32HL-SC	120	110	3x4'	I	-29	138%	P	NT	5	2010
Advance	GOPA-1P32-LW-SC	347	26	1x4'	I	-29	77%	P	NT	5	2010
Advance	IOPA-4P32-LW-SC	120	96	4x4'	I	-28	81%	P	NT	5	2010
Advance	IOPA-4P32-SC	120/277	96/94	4x4'	I	-28	90%	P	NT	5	2009
Advance	GCN-2S32	347	63	2x4'	R	0	90%	P	NT	5	2008
Advance	GCN-3S32	347	94	3x4'	R	10	98%	P	Free	5	2008
Advance	GOPA-2P32-SC	347	54	2x4'	I	-18	88%	P	NT	5	2009
Advance	GOPA-2P32-SC	347	30	2x2'	I	-18	88%	P	Free	5	2010
Advance	GOPA-2P32-SC	347	34	1x4'	I	-18	103%	P	NT	5	2009
Advance	GOPA-2P32-SC	347	44	2x3'	I	-18	88%	P	NT	5	2008
Advance	GOPA-2P32-LW-SC	347	48	2x4'	I	-18	78%	P	NT	5	2009
Advance	GOPA-2P32-LW-SC	347	38	2x3'	I	-18	78%	P	NT	5	2009
Advance	GOPA-4P32-SC	347	107	4x4'	I	-18	88%	P	NT	5	2009
Advance	GOPA-4P32-SC	347	89	3x4'	I	-18	96%	P	NT	5	2009
Advance	GOPA-4P32-SC	347	86	4x3'	I	-18	91%	P	NT	5	2009
Advance	GOPA-4P32-SC	347	70	3x3'	I	-18	96%	P	NT	5	2009
Advance	GOPA-4P32-LW-SC	347	74	4x3'	I	-18	79%	P	NT	5	2009
Advance	GOPA-4P32-LW-SC	277	92	4x4'	I	-18	78%	P	NT	5	2009
Advance	ICN-132-MC	120	30	1x4'	I	-18	88%	NP	NT	5	2009

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Advance	ICN-1P32-N	120	31	1x4'	I	-18	90%	P	NT	5	2008
Advance	ICN-1P32-SC	120	26	1x3'	I	-18	91%	P	Free	5	2008
Advance	ICN-2M32-MC	120	31	2x2'	I	-18	88%	P	NT	5	2010
Advance	ICN-2P32-LW-SC	120	50	2x4'	I	-18	77%	NP	Free	5	2008
Advance	ICN-2P32-N	120	37	1x4'	I	-18	105%	P	NT	5	2008
Advance	ICN-2P32-N	120	59	2x4'	I	-18	88%	P	NT	5	2008
Advance	ICN-2P32-N	277	32	1x4'	I	-18	105%	P	NT	5	2008
Advance	ICN-2P32-N	277	59	2x4'	I	-18	88%	P	NT	5	2008
Advance	ICN-2P32-SC	120	48	2x3'	I	-18	91%	P	NT	5	2008
Advance	ICN-2P32-SC	120	59	2x4'	I	-18	88%	P	NT	5	2008
Advance	ICN-2P32-SC	240	59	2x4'	I	-18	88%	P	NT	5	2008
Advance	ICN-2P32-SC	277	59	2x4'	I	-18	88%	P	NT	5	2007
Advance	ICN-2P32-SC-HAZ	120	48	2x3'	I	-18	91%	P	Free	5	2007
Advance	ICN-2P32-SC-HAZ	120	59	2x4'	I	-18	88%	P	Free	5	2008
Advance	ICN-2S86	120	100	1x8' HO	P	-29	100%	P	NT	5	2008
Advance	ICN-3P32-LW-SC	120	74	3x4'	I	-18	77%	NP	NT	5	2008
Advance	ICN-3P32-SC	120	65	2x4'	I	-18	101%	P	Free	5	2008
Advance	ICN-3P32-SC	120	85	3x4'	I	-18	88%	P	Free	5	2008
Advance	ICN-4P32-LW-SC	120	97	4x4'	I	-18	77%	NP	Free	5	2008
Advance	ICN-4P32-SC	120	93	3x4'	I	-18	100%	P	NT	5	2008
Advance	ICN-4P32-SC	120	112	4x4'	I	-18	88%	P	NT	5	2008
Advance	ICN-4P32-SC	240	112	4x4'	I	-18	88%	P	NT	5	2008
Advance	IIC-2S32-SC	120	61	2x4'	P	-18	88%	P	NT	5	2008
Advance	IIC-2S32-SC	277	61	2x4'	P	-18	88%	P	NT	5	2008
Advance	IIC-3S32-SC	120	91	3x4'	P	-18	88%	P	NT	5	2008
Advance	IOP-2P32-LW-SC	120	48	2x4'	I	-29	77%	NP	Free	5	2008
Advance	IOP-2P32-SC	120	55	2x4'	I	-29	87%	P	NT	5	2008
Advance	IOP-2S32-SC	120	56	2x4'	P	-18	88%	NP	Free	5	2007
Advance	IOP-4P32-SC	120	58	4x2'	I	-29	90%	NP	Free	5	2009
Advance	IOPA-1P32-SC	120	28	1x4'	I	-29	87%	NP	NT	5	2009
Advance	IOPA-1P32-SC	120	23	1x3'	I	-29	88%	NP	NT	5	2009
Advance	IOPA-1P32-SC	277	23	1x3'	I	-29	88%	NP	NT	5	2009
Advance	IOPA-1P32-SC	120	16	1x2'	I	-29	90%	NP	NT	5	2009

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Advance	IOPA-4P32-HL	277	143	4x4'	I	-29	118%	P	NT	5	2010
Advance	IOPA-4P32-HL	120	146	4x4'	I	-29	118%	P	NT	5	2010
Advance	RCN-2P32-SC	120	59	2x4'	I	-18	87%	P	Free	5	2008
Advance	RCN-2S32-SC	120	53	2x3'	P	0	95%	P	Free	5	2008
Advance	RCN-4P32-SC	120	112	4x4'	I	-18	88%	P	NT	5	2008
GE Multi-volt Pro	GE-332-MV-H	120	59	3x2'	I	-18	113%	P	NT	5	2009
GE Multi-volt Pro	GE-332-MV-H	120	84	3x3'	I	-18	114%	P	NT	5	2009
GE Multi-volt Pro	GE-332-MV-H	120	113	3x4'	I	-18	115%	P	NT	5	2009
GE Proline	GE-332-N-347	347	48	2x3'	I	-18	98%	P	NT	5	2009
GE Proline	GE-332-N-347	347	60	2x4'	I	-18	97%	P	NT	5	2009
GE Proline	GE-332-N-347	347	44	3x2'	I	-18	83%	P	NT	5	2009
GE Proline	GE-332-N-347	347	62	3x3'	I	-18	88%	P	NT	5	2009
GE Proline	GE-332-N-347	347	82	3x4'	I	-18	87%	P	NT	5	2009
GE Proline	GE-259-N-347	347	108	2x8'	I	0	88%	P	NT	5	2009
GE Proline	GE-232-N-347	347	41	2x3'	I	-18	88%	P	NT	5	2009
GE Proline	GE-232-N-347	347	56	2x4'	I	-18	87%	P	NT	5	2009
GE Proline	GE-232-120-N	120	36	1x4'	I	-18	94%	P	NT	5	2009
GE Proline	GE-232-120-N	120	57	2x4'	I	-18	87%	P	NT	5	2009
GE Proline	GE-232-120-N	120	28	1x3'	I	-18	97%	P	NT	5	2009
GE Proline	GE-232-120-N	120	46	2x3'	I	-18	87%	P	NT	5	2009
GE Proline	GE-232-120-N	120	31	2x2'	I	-18	91%	P	NT	5	2009
GE Proline	GE-232-MV-H	120	45	1x4'	I	-18	130%	P	NT	5	2009
GE Proline	GE-232-MV-H	120	70	2x4'	I	-18	113%	P	NT	5	2009
GE Proline	GE-332-120-N	120	51	2x3'	I	-18	97%	P	NT	5	2009
GE Proline	GE-332-120-N	120	65	2x4'	I	-18	94%	P	NT	5	2009
GE Proline	GE-332-120-N	120	51	3x2'	I	-18	91%	P	NT	5	2009
GE Proline	GE-332-120-N	120	67	3x3'	I	-18	87%	P	NT	5	2009
GE Proline	GE-332-120-N	120	85	3x4'	I	-18	87%	P	NT	5	2009
GE Proline	GE-432-120-N	120	72	3x3'	I	-18	97%	P	NT	5	2009
GE Proline	GE-432-120-N	120	93	3x4'	I	-18	94%	P	NT	5	2009
GE Proline	GE-432-120-N	120	60	4x2'	I	-18	91%	P	NT	5	2009
GE Proline	GE-432-120-N	120	87	4x3'	I	-18	87%	P	NT	5	2009
GE Proline	GE-432-120-N	120	113	4x4'	I	-18	87%	P	NT	5	2009

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GE Proline	GE-432-MV-N	120	60	4x2'	I	-18	87%	P	NT	5	2009
GE Proline	GE-432-MV-N	120	88	4x3'	I	-18	87%	P	NT	5	2009
GE Proline	GE-432-MV-N	120	113	4x4'	I	-18	87%	P	NT	5	2009
GE Proline	GE-432-MV-L	120	55	4x2'	I	-18	79%	P	NT	5	2009
GE Proline	GE-432-MV-L	120	78	4x3'	I	-18	80%	P	NT	5	2009
GE Proline	GE-432-MV-L	120	100	4x4'	I	-18	80%	P	NT	5	2009
GE Proline	GE-432-MV-H	120	112	3x4'	I	-18	120%	P	NT	5	2009
GE Proline	GE-432-MV-H	120	135	4x4'	I	-18	111%	P	NT	5	2009
GE Proline	GE-432-N-347	347	109	4x4'	I	-18	88%	P	NT	5	2010
GE Proline	GE-332-MV-N	120	45	3x2'	I	-18	86%	P	NT	5	2009
GE Proline	GE-332-MV-N	120	63	3x3'	I	-18	86%	P	NT	5	2009
GE Proline	GE-332-MV-N	120	81	3x4'	I	-18	87%	P	NT	5	2009
GE Proline	GE-332-MV-L	120	41	3x2'	I	-18	77%	P	NT	5	2009
GE Proline	GE-332-MV-L	120	58	3x3'	I	-18	77%	P	NT	5	2009
GE Proline	GE-332-MV-L	120	74	3x4'	I	-18	78%	P	NT	5	2009
GE Proline	GE-286-HO-MV-N	120	92	1x8' HO	I	-18	91%	P	NT	5	2009
GE Proline	GE-286-HO-MV-N	120	146	2x8' HO	I	-18	78%	P	NT	5	2009
GE Proline	GE-259-MV-N	120	72	1x8'	I	-18	TBD	P	NT	5	2009
GE Proline	GE-259-MV-N	120	113	2x8'	I	-18	TBD	P	NT	5	2009
GE Proline	GE-259-120-N	120	71	1x8'	I	-18	104%	P	NT	5	2009
GE Proline	GE-259-120-N	120	112	2x8'	I	-18	87%	P	NT	5	2009
GE Proline	GE-232-MV-N	120	35	1x4'	I	-18	108%	P	NT	5	2009
GE Proline	GE-232-MV-N	120	31	2x2'	I	-18	88%	P	NT	5	2009
GE Proline	GE-232-MV-N	120	44	2x3'	I	-18	90%	P	NT	5	2009
GE Proline	GE-232-MV-N	120	57	2x4'	I	-18	88%	P	NT	5	2009
GE Proline	GE-232-MV-L	120	28	2x2'	I	-18	79%	P	NT	5	2009
GE Proline	GE-232-MV-L	120	40	2x3'	I	-18	80%	P	NT	5	2009
GE Proline	GE-232-MV-L	120	51	2x4'	I	-18	78%	P	NT	5	2009
GE Proline	GE-159-MV-N	120	60	1x8'	I	-18	89%	P	NT	5	2009
GE Proline	GE-132-120-N	120	18	1x2'	I	-18	91%	P	NT	5	2009
GE Proline	GE-132-120-N	120	24	1x3'	I	-18	87%	P	NT	5	2009
GE Proline	GE-132-120-N	120	30	1x4'	I	-18	87%	P	NT	5	2009
GE Ultra Max	GE332MAX347-H	347	107	3x4'	I	-30	118%	P	NT	5	2009

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GE Ultra Max	GE332MAX347-H	347	62	2x3'	I	-30	130%	P	NT	5	2009
GE Ultra Max	GE332MAX347-H	347	82	3x3'	I	-30	117%	P	NT	5	2009
GE Ultra Max	GE332MAX347-H	347	79	2x4'	I	-30	129%	P	NT	5	2009
GE Ultra Max	GE332MAX347-N	347	79	3x4'	I	-30	87%	P	NT	5	2009
GE Ultra Max	GE332MAX347-N	347	60	2x4'	I	-30	98%	P	NT	5	2009
GE Ultra Max	GE332MAX347-N	347	62	3x3'	I	-30	88%	P	NT	5	2009
GE Ultra Max	GE332MAX347-N	347	48	2x3'	I	-30	99%	P	NT	5	2009
GE Ultra Max	GE332MAX347-N	347	43	3x2'	I	-30	84%	P	NT	5	2009
GE Ultra Max	GE332MAX480-H	480	108	3x4'	R	-30	118%	P	NT	5	2011
GE Ultra Max	GE432MAX480-H	480	144	4x4'	I	-30	129%	P	NT	5	2011
GE Ultra Max	GE432MAX-N	347	106	4x4'	I	-18	88%	P	NT	5	2009
GE Ultra Max	GE432MAX-N	347	58	4x2'	I	-18	83%	P	NT	5	2009
GE Ultra Max	GE432MAX-N	347	69	3x3'	I	-18	95%	P	NT	5	2009
GE Ultra Max	GE432MAX-N	347	83	3x3'	I	-18	88%	P	NT	5	2009
GE Ultra Max	GE432MAX-N	347	87	3x4'	I	-18	94%	P	NT	5	2009
GE Ultra Max	GE-332-MAX-347-L	347	71	3x4'	I	-30	77%	P	NT	5	2009
GE Ultra Max	GE-332-MAX-347-L	347	55	3x4'	I	-30	86%	P	NT	5	2009
GE Ultra Max	GE-332-MAX-347-L	347	56	3x3'	I	-30	78%	P	NT	5	2009
GE Ultra Max	GE132MAX-L ULTRA	120	25	1x4'	I	-30	77%	P	NT	5	2009
GE Ultra Max	GE132MAX-L ULTRA	120	20	1x3'	I	-30	81%	P	NT	5	2009
GE Ultra Max	GE132MAX-L ULTRA	120	14	1x2'	I	-30	79%	P	NT	5	2009
GE Ultra Max	GE132MAX-N ULTRA	120	26	1x4'	I	-30	88%	P	NT	5	2009
GE Ultra Max	GE132MAX-N ULTRA	120	23	1x3'	I	-30	93%	P	NT	5	2009
GE Ultra Max	GE132MAX-N ULTRA	120	16	1x2'	I	-30	92%	P	NT	5	2009
GE Ultra Max	GE-159-MAX-N ULTRA	120	54	1x8'	I	-18	87%	P	NT	5	2009
GE Ultra Max	GE-232-MAX-H ULTRA	120	74	2x4'	I	-30	115%	P	NT	5	2009
GE Ultra Max	GE-232-MAX-H ULTRA	120	46	2x2'	I	-30	TBD	P	NT	5	2009
GE Ultra Max	GE-232-MAX-H ULTRA	120	62	2x3'	I	-30	TBD	P	NT	5	2009
GE Ultra Max	GE232MAX-L ULTRA	120	49	2x4'	I	-30	77%	P	Free	5	2010
GE Ultra Max	GE232MAX-L ULTRA	277	48	2x4'	I	-30	77%	P	Free	5	2010
GE Ultra Max	GE232MAX-L ULTRA	120	27	2x2'	I	-30	77%	P	NT	5	2009
GE Ultra Max	GE232MAX-L ULTRA	120	39	2x3'	I	-30	80%	P	NT	5	2009
GE Ultra Max	GE232MAX-N+	120	60	2x4'	I	-18	100%	P	NT	5	2009

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GE Ultra Max	GE232MAX-N+	120	33	1x4'	I	-18	97%	P	NT	5	2009
GE Ultra Max	GE232MAX-N+	120	52	2x3'	I	-18	106%	P	NT	5	2009
GE Ultra Max	GE232MAX-N+	120	39	2x2'	I	-18	110%	P	NT	5	2009
GE Ultra Max	GE-232-MAX-347-N	347	53	2x4'	I	-30	87%	P	NT	5	2009
GE Ultra Max	GE-232-MAX-347-N	347	41	2x3'	I	-30	88%	P	NT	5	2009
GE Ultra Max	GE-232-MAX-347-L	347	48	2x4'	I	-30	77%	P	NT	5	2009
GE Ultra Max	GE-232-MAX-347-H	347	72	2x4'	I	-30	118%	P	NT	5	2009
GE Ultra Max	GE-232-MAX-347-H	347	55	2x3'	I	-30	116%	P	NT	5	2009
GE Ultra Max	GE332MAX-N ULTRA	120	82	3x4'	I	-30	87%	P	NT	5	2009
GE Ultra Max	GE332MAX-N ULTRA	120	45	3x2'	I	-30	86%	P	NT	5	2009
GE Ultra Max	GE332MAX-N ULTRA	120	67	3x3'	I	-30	84%	P	NT	5	2009
GE Ultra Max	GE432MAX347-H	347	140	4x4'	I	-30	118%	P	NT	5	2009
GE Ultra Max	GE432MAX347-H	347	111	4x3'	I	-30	116%	P	NT	5	2009
GE Ultra Max	GE432MAX347-H	347	144	3x4'	I	-30	125%	P	NT	5	2009
GE Ultra Max	GE432MAX347-H	347	92	3x3'	I	-30	126%	P	NT	5	2009
GE Ultra Max	GE432MAX347-L	347	96	4x4'	I	-30	95%	P	NT	5	2009
GE Ultra Max	GE332MAX-H ULTRA	120	106	3x4'	I	-30	118%	P	NT	5	2011
GE Ultra Max	GE332MAX-H ULTRA	120	90	3x3'	I	-30	114%	P	NT	5	2009
GE Ultra Max	GE332MAX-H ULTRA	208	107	3X4'	I	-30	118%	P	NT	5	2011
GE Ultra Max	GE332MAX-H ULTRA	277	104	3X4'	I	-30	118%	P	NT	5	2011
GE Ultra Max	GE332MAX-N+ ULTRA	120	87	3x4'	I	-18	100%	P	NT	5	2009
GE Ultra Max	GE332MAX-N+ ULTRA	120	75	3x3'	I	-18	101%	P	NT	5	2009
GE Ultra Max	GE332MAX-N+ ULTRA	120	55	3x2'	I	-18	103%	P	NT	5	2009
GE Ultra Max	GE432MAX-H	120	148	4x4'	I	-30	118%	P	NT	5	2009
GE Ultra Max	GE432MAX-H	120	79	4x2'	I	-30	116%	P	NT	5	2009
GE Ultra Max	GE432MAX-H	120	121	4x3'	I	-30	116%	P	NT	5	2009
GE Ultra Max	GE432MAX-L ULTRA	120	97	4x4'	I	-30	77%	P	NT	5	2009
GE Ultra Max	GE432MAX-L ULTRA	120	56	4x2'	I	-30	81%	P	NT	5	2009
GE Ultra Max	GE432MAX-L ULTRA	120	82	4x3'	I	-30	76%	P	NT	5	2009
GE Ultra Max	GE432MAX-L ULTRA	277	78	3x4'	I	-30	88%	P	Free	5	2010
GE Ultra Max	GE432MAX-L ULTRA	277	95	4x4'	I	-30	77%	P	Free	5	2010
GE Ultra Max	GE432MAX-H ULTRA	120	148	4x4'	I	-30	118%	P	Free	5	2010
GE Ultra Max	GE432MAX-H ULTRA	277	145	4x4'	I	-30	118%	P	Free	5	2010

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GE Ultra Max	GE432MAX-N+	120	124	4x4'	I	-18	100%	P	NT	5	2009
GE Ultra Max	GE432MAX-N+	120	103	4x3'	I	-18	104%	P	NT	5	2009
GE Ultra Max	GE432MAX-N+	120	76	4x2'	I	-18	107%	P	NT	5	2009
GE Ultra Max	GE432MAX-N ULTRA	120	61	4x2'	I	-30	87%	P	NT	5	2009
GE Ultra Max	GE432MAX-N ULTRA	120	103	4x4'	I	-30	87%	P	NT	5	2009
GE Ultra Max	GE432MAX-N ULTRA	120	89	4x3'	I	-30	82%	P	NT	5	2009
GE Ultra Max	GE232MAX-N ULTRA	120	54	2x4'	I	-30	87%	P	NT	5	2009
GE Ultra Max	GE232MAX-N ULTRA	120	32	2x2'	I	-30	92%	P	NT	5	2009
GE Ultra Max	GE232MAX-N ULTRA	120	45	2x3'	I	-30	87%	P	NT	5	2009
GE Ultra Max	GE232MAX-N ULTRA	277	53	2x4'	I	-30	87%	P	NT	5	2009
GE Ultra Max	GE-259-MAX-N ULTRA	120	107	2x8'	I	-18	87%	P	NT	5	2009
GE Ultra Max	GE-259-MAX-N ULTRA	120	62	1x8'	I	-18	53%	P	NT	5	2009
GE Ultra Max	GE332MAX-H/ULTRA	120	106	3x4'	I	-30	118%	P	NT	5	2011
GE Ultra Max	GE332MAX-H/ULTRA	208	107	3x4'	I	-30	118%	P	NT	5	2011
GE Ultra Max	GE332MAX-H/ULTRA	277	104	3x4'	I	-30	118%	P	NT	5	2011
GE Ultra Max	GE332MAX-L ULTRA	120	42	3x2'	I	-30	78%	P	NT	5	2009
GE Ultra Max	GE332MAX-L ULTRA	120	62	3x3'	I	-30	77%	P	NT	5	2009
GE Ultra Max	GE332MAX-L ULTRA	120	73	3x4'	I	-30	77%	P	NT	5	2009
Howard Industries	EP2/32IS/120	120	58	2x4'	I	-18	87%	P	Free	5	2007
Howard Industries	EP2/32IS/120-277SC	120	36	1x4'	I	-18	103%	P	O	5	2007
Howard Industries	EP3/32IS/120	120	87	3x4'	I	-18	87%	P	Free	5	2007
Howard Industries	EP4/32IS/120	120	113	4x4'	I	-18	87%	P	Free	5	2007
Howard Industries	EP4/32IS/120-277SC	120	92	3x4'	I	-18	96%	P	Free	5	2009
Keystone	KTEB-232LBF-1-TP-PIC-SL	120	60	2x4'	I	-18	88%	P	NT	5	2009
Keystone	KTEB-232LBF-1-TP-PIC-SL	120	22	1x2'	I	-18	120%	P	NT	5	2009
Keystone	KTEB-232LBF-1-TP-PIC-SL	120	33	2x2'	I	-18	90%	P	NT	5	2009
Keystone	KTEB-232LBF-1-TP-PIC-SL	120	38	1x4'	I	-18	115%	P	NT	5	2009
Keystone	KTEB-232LBF-1-TP-PIC-SL	120	25	1x3'	I	-18	115%	P	NT	5	2009
Maintenance Engineering	BEM832 232IE/MV/10/50	120	59	2x4'	I	-17.8	88%	P	O	50	2010
Maintenance Engineering	BEM734 432IE/MV/10/50	120	112	4x4'	I	-17.8	88%	P	O	50	2010
Maintenance Engineering	BEM762 259IE/MV/10/50	120	107	2x8'	I	0	88%	P	O	50	2010
Maintenance Engineering	BEM733 332IE/MV/10/50	120	85	3x4'	I	-17.8	88%	P	O	50	2010
Osram Sylvania	QHE1x32T8/347 ISL-SC	347	25	1x4'	I	-29	78%	P	NT	5	2011

Manufacturer	Model Number	Voltage [V] ⁽¹⁾	Input Power [W]	Lamp	Type ⁽²⁾	Min Temp [°C]	Light Output	Case ⁽³⁾	IR ⁽⁴⁾	Warranty [years]	Approval Year
Osram Sylvania	QHE1x32T8/UNV ISL-SC	120	25	1x4'	I	-29	77%	P	NT	5	2011
Osram Sylvania	QHE1x32T8/UNV ISN-SC	120	28	1x4'	I	-29	88%	NP	NT	5	2011
Osram Sylvania	QHE2x32T8/347 ISL-SC	347	48	2x4'	I	-29	78%	P	NT	5	2011
Osram Sylvania	QHE2x32T8/347 ISN-SC	347	55	2x4'	I	-29	88%	P	NT	5	2011
Osram Sylvania	QHE2x32T8/UNV ISH-SC	120	74	2x4'	I	-29	120%	P	NT	5	2011
Osram Sylvania	QHE2x32T8/UNV ISL-SC	120	48	2x4'	I	-29	78%	P	Free	5	2011
Osram Sylvania	QHE2x32T8/UNV ISN-SC	120	55	2x4'	I	-29	88%	P	NT	5	2011
Osram Sylvania	QHE2x32T8/UNV ISN-SC	120	34	1x4'	I	-18	105%	P	Free	5	2007
Osram Sylvania	QHE2x59T8/UNV ISH	120	144	2x8'	I	-18	115%	P	NT	5	2011
Osram Sylvania	QHE2x59T8/UNV ISL-SC	120	95	2x8'	I	-18	77%	P	NT	5	2011
Osram Sylvania	QHE2x59T8/UNV ISN-SC	120	100	2x8'	I	-18	88%	NP	NT	5	2011
Osram Sylvania	QHE3x32T8/UNV ISL-SC	120	90	3x4'	I	-29	78%	P	NT	5	2011
Osram Sylvania	QHE3x32T8/UNV ISH-SC	120	111	3x4'	I	-29	118%	P	NT	5	2011
Osram Sylvania	QHE3x32T8/347 ISN-SC	347	83	3x4'	I	-29	88%	P	NT	5	2011
Osram Sylvania	QHE3x32T8/347 ISL-SC	347	71	3x4'	I	-29	78%	P	NT	5	2011
Osram Sylvania	QHE3x32T8/UNV ISN-SC	120	83	3x4'	I	-18	88%	NP	NT	5	2011
Osram Sylvania	QHE3x32T8/UNV PSH-H	120	110	3x4'	P	-18	115%	P	NT	5	2011
Osram Sylvania	QHE3x32T8/UNV PSN-SC	120	83	3x4'	P	-29	88%	P	Free	5	2010
Osram Sylvania	QHE3x32T8/UNV PSN-SC	277	82	3x4'	P	-29	88%	P	Free	5	2010
Osram Sylvania	QHE4x32T8/347 ISL-SC	347	96	4x4'	I	-29	78%	P	NT	5	2011
Osram Sylvania	QHE4x32T8/347 ISN-SC	347	110	4x4'	I	-18	88%	P	Free	5	2011
Osram Sylvania	QHE4x32T8/UNV ISL-SC	120	95	4x4'	I	-29	78%	NP	NT	5	2011
Osram Sylvania	QHE4x32T8/UNV ISN-SC	120	108	4x4'	I	-29	88%	P	NT	5	2011
Osram Sylvania	QHE4x32T8/UNV PSH-HT	120	143	4x4'	P	-29	115%	P	NT	5	2011
Osram Sylvania	QHE4x32T8/UNV PSN-SC	120	111	4x4'	P	-29	88%	P	Free	5	2011
Osram Sylvania	QHE4x32T8/UNV PSN-SC	277	108	4x4'	P	-29	88%	P	Free	5	2010
Osram Sylvania	QHE4x32T8/UNV ISH	120	144	4x4'	I	-29	115%	P	NT	5	2011
Osram Sylvania	QHE2x32T8/UNV PSN-SC	120	55	2x4'	P	0	87%	NP	NT	5	2011
Osram Sylvania	QTP1x32T8/UNV ISN-SC	120	30	1x4'	I	-18	88%	P	Free	5	2007
Osram Sylvania	QTP1x32T8/UNV PSN-TC	120	17	1x2'	P	-18	91%	P	Free	5	2007
Osram Sylvania	QTP1x32T8/UNV PSN-TC	120	24	1x3'	P	-18	90%	P	Free	5	2007
Osram Sylvania	QTP2x32T8/347 ISN-SC	347	59	2x4'	I	-18	88%	P	Free	5	2007
Osram Sylvania	QTP2x59T8UNV ISN-SC	120	112	2x8'	I	-18	88%	P	Free	5	2010

Manufacturer	Model Number	Voltage [V] ⁽¹⁾	Input Power [W]	Lamp	Type ⁽²⁾	Min Temp [°C]	Light Output	Case ⁽³⁾	IR ⁽⁴⁾	Warranty [years]	Approval Year
Osram Sylvania	QTP2x59T8UNV ISN-SC	277	110	2x8'	I	-18	88%	P	NT	5	2010
Osram Sylvania	QTP2x32T8/UNV ISN-SC	120	36	1x4'	I	-18	104%	P	Free	5	2007
Osram Sylvania	QTP2x32T8/UNV ISN-SC	120	32	2x2'	I	-18	88%	P	O	5	2007
Osram Sylvania	QTP2x32T8/UNV ISN-SC	120	59	2x4'	I	-29	88%	P	NT	5	2011
Osram Sylvania	QTP4x32T8/UNV ISN-SC	120	112	4x4'	I	-29	88%	NP	NT	5	2009
Osram Sylvania	QTP4x32T8/UNV ISN-SC	120	59	2x4'	I	-29	88%	NP	NT	5	2009
Osram Sylvania	QTP4x32T8/UNV PSX-SC	120	70	4x3'	P	-18	72%	P	NT	3	2008
Peerless	PE-120-2L-I	120	60	2x4'	I	-18	96%	P	NT	3	2008
Peerless	PE-120-3L-I	120	90	3x4'	I	-18	96%	P	NT	3	2008
Robertson	ISL432T8MVW	120	112	4x4'	I	-18	88%	P	Free	3 to 5	2008
Sage Lighting	NC240T8	347	38	1x4'	P	-30	107%	P	Free	5	2010
Sage Lighting	NC240T8	347	70	2x4'	P	-30	100%	P	Free	5	2010
Sage Lighting	NC240T8	347	54	2x3'	P	-30	100%	P	Free	5	2010
Sage Lighting	NLC244T8HRS	347	93	2x8'	P	-30	90%	P	Free	5	2010
Sage Lighting	NLC286T8PRS	347	187	2x8'HO	P	-10	100%	P	Free	3 to 5	2010
Sage Lighting	NLC286T8PRS	347	110	1x8'HO	P	-10	112%	P	Free	5	2010
Sage Lighting	NLO232T8PIS	120	36	1x4'	P	-18	103%	P	O	5	2010
Sage Lighting	NLO232T8PIS	120	58	2x4'	P	-18	91%	P	Free	5	2010
Sage Lighting	NU232T8D-ROHS	120	60	2x4'	P	-30	88%	P	NT	5	2010
Sage Lighting	NU240T8RS-ROHS	120	41	1x4'	P	-30	140%	P	Free	5	2010
Sage Lighting	NU240T8RS-ROHS	120	75	2x4'	P	-30	120%	P	Free	5	2010
Sage Lighting	SAU440IS-ROHS	120	107	4x4'	P	-18	88%	P	O	5	2010
Sage Lighting	SU232T8MCIS-ROHS	120	57	2x4'	P	-18	88%	P	NT	5	2010
Sage Lighting	SU232T8MCIS-ROHS	120	36	1x4'	P	-18	106%	P	NT	5	2010
Sage Lighting	SU132T8MCIS-ROHS	120	30	1x4'	P	-18	90%	P	NT	5	2010
Sage Lighting	SC232T8MCIS-ROHS	347	36	1x4'	P	-18	108%	P	NT	5	2010
Sage Lighting	SC232T8MCIS-ROHS	347	57	2x4'	P	-18	88%	P	NT	5	2010
Sage Lighting	SC132T8MCIS-ROHS	347	30	1x4'	P	-18	90%	P	NT	5	2010
Sage Lighting	SC232T8LMCIS-ROHS	347	49	2x4'	P	-18	75%	P	NT	5	2010
Sola	E-758-F-259-SC	120	109	2x8'	I	0	87%	P	NT	5	2008
Sola	E-758-F-259-SC	120	109	1x8'	I	0	87%	P	NT	5	2008
Sola	E-758-U-432-SC	120	113	4x4'	I	0	87%	P	Free	5	2008
Sola	E-758-U-432-SC	120	113	3x4'	I	0	87%	P	Free	5	2008

Manufacturer	Model Number	Voltage [V] ⁽¹⁾	Input Power [W]	Lamp	Type ⁽²⁾	Min Temp [°C]	Light Output	Case ⁽³⁾	IR ⁽⁴⁾	Warranty [years]	Approval Year
Sola	E-758-U-432-SC	120	113	2x4'	I	0	87%	P	Free	5	2008
Sola	E-758-U-432-SC	120	113	1x4'	I	0	87%	P	Free	5	2008
Sola	E-758-U-432-SC	277	113	4x4'	I	0	87%	P	Free	5	2008
Sola	E-758-U-432-SC	277	113	3x4'	I	0	87%	P	Free	5	2008
Sola	E-758-F-132-SC	120	31	1x4'	I	0	97%	P	NT	5	2010
Standard	E121732PI347/L Code 31013	347	48	2x4'	I	-18	78%	P	NT	5	2008
Standard	E232PI347L Code 56559	347	48	2x4'	I	-18	78%	P	NT	6	2008
Standard	E432PPR347	347	119	4x4'	P	0	88%	P	Free	6	2007
Standard	E232PI120G01 Code 10292	120	44	2x4'	I	-18	88%	P	Free	5	2008
Standard	E232PI120L Code 31000	120	48	2x4'	I	-18	77%	P	Free	5	2008
Standard	E296FOPI120G01 Code 10306	120	107	2x8'	I	0	88%	P	NT	5	2009
Standard	E332PI120G01 Code 10364	120	54	2x4'	I	-18	87%	P	Free	5	2008
Standard	E432PI120-277 Code 31008	120	82	4x3'	I	-18	87%	P	Free	5	2008
Standard	E432PI120-277 Code 31008	120	66	3x3'	I	-18	91%	P	O	5	2008
Standard	E432PI120-277 Code 31008	120	58	4x2'	I	-18	94%	P	O	5	2008
Standard	E432PI120-277 Code 31008	120	89	3x4'	I	-18	89%	P	O	5	2008
Standard	E432PPR347 Code 31543	347	119	4x4'	P	0	88%	P	NT	5	2010
TCP	TCP2P321SUNVHE	120	45	1X4'	I	-18	98%	P	NT	5	2009
TCP	TCP2P321SUNVHE	120	74	2x4'	I	-18	118%	P	NT	5	2009
TCP	TCP2P321SUNVHE	277	73	2x4'	I	-18	98%	P	NT	5	2009
TCP	TCP3P321SUNVHE	120	81	2x4'	I	-18	127%	P	NT	5	2009
TCP	TCP3P321SUNVHE	277	81	2x4'	I	-18	98%	P	NT	5	2009
TCP	TCP3P321SUNVHE	120	81	3x4'	I	-18	98%	P	NT	5	2009
TCP	TCP3P321SUNVHE	277	81	3x4'	I	-18	98%	P	NT	5	2009
TCP	TCP4P321SUNVHE	120	120	3x4'	I	-18	98%	P	NT	5	2009
TCP	TCP4P321SUNVHE	120	145	4x4'	I	-18	98%	P	NT	5	2009
TCP	TCP4P321SUNVHE	277	144	4x4'	I	-18	98%	P	NT	5	2009
TOEC	2T832I347	347	39	1x4'	P	-18	112%	NP	NT	6	2007
TOEC	2T832I347	347	59	2x4'	P	10	90%	NP	NT	6	2007
TOEC	1T832I120	120	30	1x4'	I	-18	88%	NP	Free	6	2007
TOEC	2T832I120	120	36	1x4'	P	-18	88%	NP	NT	6	2007
TOEC	2T832I120	120	36	2x4'	P	-18	103%	NP	NT	6	2007
TOEC	2T832U120	120	56	2x4'	P	-18	88%	NP	NT	6	2007

Manufacturer	Model Number	Voltage [V] ⁽¹⁾	Input Power [W]	Lamp	Type ⁽²⁾	Min Temp [°C]	Light Output	Case ⁽³⁾	IR ⁽⁴⁾	Warranty [years]	Approval Year
TOEC	4T832U120-M	120	93	3x4'	I	-18	100%	NP	O	6	2007
Ultrasave	ET432120M	120	108	4x4'	I	-18	87%	P	NT	5	2011
Ultrasave	ET432120M	120	92	3x4'	I	-18	99%	P	NT	5	2011
Ultrasave	ET232120M	120	57	2x4'	I	-18	88%	P	NT	5	2011
Ultrasave	ET232120M	120	36	1x4'	I	-18	106%	P	NT	5	2011
Ultrasave	PR 132347	347	35	1x4'	R	0	91%	NP	O	5	2009
Ultrasave	PR 232347	347	52	2x3'	R	0	90%	P	NT	5	2009
Ultrasave	PR 232347	347	64	2x4'	R	0	88%	P	NT	5	2009
Ultrasave	PR 332347	347	91	3x4'	R	0	88%	P	NT	5	2009
Ultrasave	PR 332347	347	61	3x2'	R	0	100%	P	NT	5	2009
Ultrasave	PR 332347	347	77	3x3'	R	0	95%	P	NT	5	2009
Ultrasave	PR 432120ML	347	107	4x4'	R	0	73%	P	NT	5	2009
Ultrasave	PR 432347	347	121	4x4'	R	-18	88%	NP	NT	5	2009
Ultrasave	PR 432347L	347	104	4x4'	R	0	75%	P	NT	5	2009
Ultrasave	UT 232347	347	58	2x4'	I	-18	88%	NP	NT	5	2009
Ultrasave	UT 232347L	347	48	2x4'	I	-18	72%	NP	NT	5	2009
Ultrasave	UT 232347H	347	58	2x3'	I	-18	120%	NP	NT	5	2009
Ultrasave	UT 260347	347	72	1x8'	I	0	118%	P	NT	5	2009
Ultrasave	UT 332347	347	83	3x4'	I	-18	89%	P	NT	5	2009
Ultrasave	UT 332347L	347	60	3x3'	I	-18	79%	P	NT	5	2009
Ultrasave	UT 332347L	347	58	2x4'	I	-18	87%	P	NT	5	2007
Ultrasave	UT 332347L	347	78	3x4'	I	-18	77%	P	NT	5	2009
Ultrasave	UT 332347L	347	45	2x3'	I	-18	89%	P	NT	5	2009
Ultrasave	UT 332347H	347	110	3x4'	I	-18	118%	P	Free	5	2009
Ultrasave	UT 432347	347	112	4x4'	I	-18	88%	NP	NT	5	2009
Ultrasave	UT 432347	347	93	3x4'	I	-18	100%	NP	NT	5	2009
Ultrasave	UT 432347L	347	99	4x4'	I	-18	78%	NP	NT	5	2009
Ultrasave	PR 132120	120	28	1x3'	R	0	95%	NP	NT	5	2009
Ultrasave	PR 232120	120	64	2x4'	R	0	88%	P	NT	5	2009
Ultrasave	PR 232120	120	25	1x2'	R	0	94%	P	NT	5	2009
Ultrasave	PR 232120	120	38	2x2'	R	0	93%	P	NT	5	2009
Ultrasave	PR 232120	120	32	1x3'	R	0	93%	P	NT	5	2009
Ultrasave	PR 232120	120	52	2x3'	R	0	90%	P	NT	5	2009

Manufacturer	Model Number	Voltage [V] ⁽¹⁾	Input Power [W]	Lamp	Type ⁽²⁾	Min Temp [°C]	Light Output	Case ⁽³⁾	IR ⁽⁴⁾	Warranty [years]	Approval Year
Ultrasave	PR 232120	120	40	1x4'	R	0	92%	P	NT	5	2009
Ultrasave	PR 286347	347	100	2xF48 HO	R	-10	100%	P	NT	5	2012
Ultrasave	PR 332120	120	61	3x2'	R	0	100%	P	NT	5	2009
Ultrasave	PR 332120	120	77	3x3'	R	0	95%	P	NT	5	2009
Ultrasave	PR 332120	120	91	3x4'	R	0	88%	P	NT	5	2009
Ultrasave	PR 432120	120	121	4x4'	R	0	88%	P	NT	5	2009
Ultrasave	SR 132120	120	24	1x3'	P	-18	90%	NP	NT	5	2009
Ultrasave	SR 232120	120	50	2x3'	P	-18	98%	NP	NT	5	2009
Ultrasave	SR 232120	120	55	2x4'	P	-18	88%	NP	NT	5	2007
Ultrasave	ST 132120	120	24	2x3'	I	-18	95%	NP	Free	5	2007
Ultrasave	ST 232120	120	58	2x4'	I	-18	89%	NP	Free	5	2009
Ultrasave	UT 132120	120	31	1x4'	I	-18	89%	P	O	5	2009
Ultrasave	UT 132120L	120	27	1x4'	I	-18	71%	P	NT	5	2009
Ultrasave	UT 132120L	120	17	1x2'	I	-18	75%	P	NT	5	2009
Ultrasave	UT 132120M	120	31	1x4'	I	-18	89%	P	O	5	2007
Ultrasave	SR 132120	120	30	1x4'	P	-18	86%	NP	NT	5	2009
Ultrasave	UT 232120	120	58	2x4'	I	-18	88%	P	Free	5	2009
Ultrasave	UT 232120M	120	48	2x3'	I	-18	106%	P	NT	5	2009
Ultrasave	UT 232120M	120	58	2x4'	I	-18	88%	P	NT	5	2008
Ultrasave	UT 232120M	208	58	2x4'	I	-18	88%	P	NT	5	2009
Ultrasave	UT 232120M	277	58	2x4'	I	-18	88%	P	NT	5	2009
Ultrasave	UT 232120MH	120	75	2x4'	I	-18	118%	P	NT	5	2009
Ultrasave	UT 232120MH	277	58	2x3'	I	-18	120%	P	NT	5	2009
Ultrasave	UT 232120MH	120	58	2x3'	I	-18	120%	P	NT	5	2009
Ultrasave	UT 232120MH	277	75	2x4'	I	-18	118%	P	NT	5	2009
Ultrasave	UT 232120ML	12	50	2x4'	I	-18	70%	P	NT	5	2009
Ultrasave	UT 232120ML	12	31	1x4'	I	-18	79%	P	NT	5	2009
Ultrasave	UT 232120ML	12	38	2x3'	I	-18	72%	P	NT	5	2009
Ultrasave	UT 260120	120	110	2x8'	I	0	88%	P	Free	5	2008
Ultrasave	UT 260120M	120	69	1x8'	I	0	102%	P	NT	5	2008
Ultrasave	UT 260120M	120	110	2x8'	I	0	88%	P	NT	5	2009
Ultrasave	UT 332120	120	50	2x3'	I	-18	103%	NP	Free	5	2009
Ultrasave	UT 332120	120	64	2x4'	I	-18	96%	NP	NT	5	2009

Manufacturer	Model Number	Voltage [V] ⁽¹⁾	Input Power [W]	Lamp	Type ⁽²⁾	Min Temp [°C]	Light Output	Case ⁽³⁾	IR ⁽⁴⁾	Warranty [years]	Approval Year
Ultrasave	UT 332120	120	64	3x3'	I	-18	91%	NP	NT	5	2009
Ultrasave	UT 332120	120	83	3x4'	I	-18	89%	NP	NT	5	2009
Ultrasave	UT 332120	120	50	2x3'	I	-18	103%	NP	NT	5	2009
Ultrasave	UT 332120M	120	64	2x4'	I	-18	96%	P	NT	5	2009
Ultrasave	UT 332120M	120	83	3x4'	I	-18	89%	P	NT	5	2007
Ultrasave	UT 332120MH	120	110	3x4'	I	-18	118%	P	Free	5	2009
Ultrasave	UT 332120ML	120	76	3x4'	I	-18	74%	P	NT	5	2009
Ultrasave	UT 332120ML	120	58	2x4'	I	-18	83%	P	NT	5	2009
Ultrasave	UT 432120	120	93	3x4'	I	-18	100%	NP	NT	5	2009
Ultrasave	UT 432120	120	89	4x3'	I	-18	91%	NP	NT	5	2009
Ultrasave	UT 432120	120	112	4x4'	I	-18	88%	NP	NT	5	2009
Ultrasave	UT 432120L	120	93	4x4'	I	-18	70%	NP	NT	5	2009
Ultrasave	UT 432120L	120	73	4x3'	I	-18	73%	NP	NT	5	2009
Ultrasave	UT 432120L	120	78	3x4'	I	-18	77%	NP	NT	5	2009
Ultrasave	UT 432120M	120	112	4x4'	I	-18	88%	NP	NT	5	2009
Ultrasave	UT 432120M	277	112	4x4'	I	-18	100%	NP	NT	5	2009
Ultrasave	UT 432277L	277	99	4x4'	I	-18	77%	NP	NT	5	2009
Ultrasave	UT 432277L	277	81	3x4'	I	-18	83%	NP	NT	5	2009
Universal	B232I347HPL	347	29	2x2'	I	-18	79%	P	Free	5	2006
Universal	B232I347HPL	347	50	2x4'	I	-18	78%	P	NT	5	2011
Universal	B232I347HP-A	347	58	2x4'	I	-18	88%	P	NT	5	2010
Universal	B259I347HP	347	68	1x8'	I	0	105%	P	NT	5	2007
Universal	ES2T832347AS	347	36	2x2'	P	-18	87%	NP	Free	5	2007
Universal	ES2T832347AS	347	49	2x3'	P	-18	87%	NP	Free	5	2007
Universal	ES2T832347AS	347	59	2x4'	P	-18	87%	NP	Free	5	2009
Universal	B232IUNVHE-A	277	54	2x4'	I	-18	87%	NP	NT	5	2011
Universal	B232IUNVHE-A	120	55	2x4'	I	-18	87%	P	Free	5	2011
Universal	B232IUNVHP-B	120	48	2x3'	I	-18	90%	P	Free	5	2008
Universal	B232IUNVHP-B	120	56	2x4'	I	-18	88%	P	NT	5	2008
Universal	B259I277HE	277	106	2x8'	I	16	83%	P	Free	5	2007
Universal	B432IUNVHP-A	120	112	4x4'	I	-18	88%	NP	NT	5	2011
Universal	B432IUNVHP-A	277	115	4x4'	I	-18	88%	P	NT	5	2011
Universal	B132IUNVEL-A	120	25	1x4'	I	-18	77%	P	NT	5	2010

Manufacturer	Model Number	Voltage [V] ⁽¹⁾	Input Power [W]	Lamp	Type ⁽²⁾	Min Temp [°C]	Light Output	Case ⁽³⁾	IR ⁽⁴⁾	Warranty [years]	Approval Year
Universal	B232PUNVHP-A	120	62	2x4'	P	-18	88%	P	NT	5	2010
Universal	B432I120HE	120	106	4x4'	I	-18	87%	P	NT	5	2010
Universal	B332IUNVHP-A	120	85	3x4'	I	-18	88%	NP	NT	5	2010
Universal	B232IUNVEL-A	120	48	2x4'	I	-18	77%	P	NT	5	2010
Universal	B432IUNVEL-A	120	97	4x4'	I	-18	77%	P	NT	5	2010
Universal	B259IUNVHP-A	120	113	2x8'	I	0	88%	P	NT	5	2010
Universal	B132IUNVHP-B	120	30	1x4'	I	-18	88%	NP	NT	5	2010
Universal	B232I120HE	120	54	2x4'	I	-18	87%	NP	NT	5	2010
Universal	B432I347HP	347	114	4x4'	I	-18	88%	P	NT	5	2010
Universal	B332IUNVEL-A	120	74	3x4'	I	-18	77%	P	NT	5	2010
Universal	B432I277EL	277	93	4x4'	I	-18	77%	P	NT	5	2010
Universal	B332I120EL	120	70	3x4'	I	-18	77%	P	NT	5	2010
Universal	B432PUNVHP-A	277	115	4x4'	P	-18	88%	P	NT	5	2011
Universal	B432I347HPL	347	101	4x4'	I	-18	78%	P	NT	5	2011
Universal	B332PUNVHP-A	277	90	3x4'	P	-18	88%	P	NT	5	2011
Universal	B332PUNVHP-A	120	92	3x4'	P	-18	88%	P	NT	5	2011
Universal	B332IHRVHB-E	347	110	3x4'	I	-18	118%	P	NT	5	2011
Universal	B332I347HP	347	88	3x4'	I	-18	88%	P	NT	5	2011
Universal	B332I347HPL	347	75	3x4'	I	-18	79%	P	NT	5	2011
Universal	B332IUNVHE-A	277	81	3x4'	I	-18	107%	P	NT	5	2011
Universal	B332IUNVHE-A	120	83	3x4'	I	-18	105%	P	NT	5	2011
Universal	B332IUNVHEH-A	277	108	3x4'	I	-18	118%	P	NT	5	2011
Universal	B332I120HE	120	80	3x4'	I	-18	87%	P	NT	5	2011
Universal	B232IUNV-C	120	58	2x4'	I	-18	88%	P	NT	5	2011
Universal	B232PUNVHE-A	120	56	2x4'	P	-18	88%	P	NT	5	2011
Universal	B132IUNVHE-A	277	28	1x4'	I	-18	87%	P	NT	5	2011
Universal	B132IUNVHE-A	120	28	1x4'	I	-18	87%	P	NT	5	2011
Universal	B132PUNVHP-A	277	30	1x4'	P	-18	88%	P	NT	5	2011
Universal	B132PUNVHP-A	277	31	1x4'	P	-18	88%	P	NT	5	2011
Universal	B132I347HP	347	31	1x4'	I	-18	88%	P	NT	5	2011
Universal	B232PUNVEL-A	120	47	2x4'	P	-18	71%	P	NT	5	2011
Universal	B232PUNVEL-A	120	46	2x4'	P	-18	71%	P	NT	5	2011

Manufacturer	Model Number	Voltage [V] ⁽¹⁾	Input Power [W]	Lamp	Type ⁽²⁾	Min Temp [°C]	Light Output	Case ⁽³⁾	IR ⁽⁴⁾	Warranty [years]	Approval Year
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NOTES:

⁽¹⁾ Multi voltage ballasts are tested ONLY at indicated voltages.

⁽²⁾ Type: I = Instant start, R = Rapid start, P = Programmed start

⁽³⁾ Case: P = Potted, NP = Not Potted

⁽⁴⁾ IR (Infrared): NT = Not Tested, O = Operates within ranges, Free = IR ranges: 31350-42000 Hz, 53960-59640 Hz