T8 Tubes

Type A Instant / Programmed Start Ballasts

TCP's DirecT8 tubes are the perfect replacement for old fluorescent lighting. Remove the existing T8 fluorescent and replace with DirecT8 Type A plug and play tubes. These tubes feature multiple ballast compatibility including Instant Start, Programmed Start, Rapid Start, and Dimmable ballasts.

Reasons to choose the LED T8 IS/PS Tubes from TCP

- >50% Energy savings over traditional fluorescent
- 50,000 hour life minimizes the need for replacements and labor costs
- Compatible with Instant, Rapid or Programmed Start ballasts and most traditional fluorescent ballasts
- No rewiring of fixture necessary
- Dimmable (0-10V dimming ballasts recommended)
- Instant on/off
- No mercury – great for all environments
- Rated for enclosed fixtures
- 4' tubes and U6 tube options available
- No UV

Ideal Applications

- Offices
- Restaurants
- Retail Stores
- Lobbies
- Schools
- Hospitals

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To view our DLC qualified products, please consult the DLC Qualified Products List at www.designlights.org/qpl.

c UL us LISTED

5 YEAR WARRANTY
*Based on 12 hours use per day

DirecT8 IS/PS T8 Tubes

Specifications:

Listing

UL/cUL Listed – damp location rated
DLC rated
Approved for open and enclosed fixtures
PET Coated is NSF Listed Std 2

Warranty

Five years against defects in manufacturing

LED T8 Tube
4 foot
L15T8-SC

LED T8 Tube
4 foot
L12T8PS

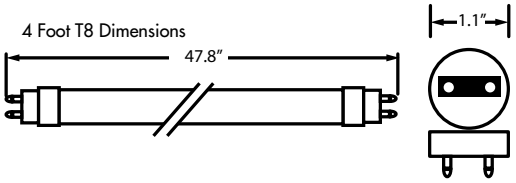
LED U-Bend T8 Tube
6 inch

Item #	Min Starting Temp	Max Operating Temp	Voltage	NSF 2 Rated	Beam Angle	Field Angle*	PF	THD**
L12T8PS	-20C / -4F	45C / 113C	120-277, 347V	no	190°	310°	> .99	< 8%
L13T8U	-20C / -4F	45C / 113C	120-277, 347V	no	160°	325°	> .99	< 8%
L15T8-SC	-20C / -4F	45C / 113C	120-277, 347V	yes	160°	300°	> .99	< 8%

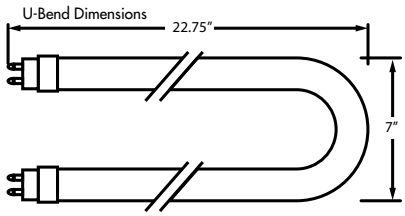
NOTE: Use shunted sockets for Instant Start ballasts. Use unshunted sockets for Rapid, Programmed, and Dimmable ballasts.

*Calculated **At 120v, ballast dependent

4 Foot T8 Dimensions



U-Bend Dimensions



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5 YEAR WARRANTY
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DirecT8 IS/PS T8 Tubes

Item#	Description	DLC	LED Watts	System Watts*			Initial Lumens*			NBF System LPW	CRI	REPL Flour. Watts	MOL	DIA	Base	Color Temp	Warranty Years	Master Pack
				LBF	NBF	HBF	LBF	NBF	HBF									
LED T8 ALL GLASS – 50,000 HOURS		**DLC LOOK-UP# T80401AXXE**																
L12T8PS5030K	LED 12W 4' T8 IS/PS 30K	T80401A30E	12W	13.0	14.9	21.5	1260	1700	2280	114.1	80	32W	47.8	1.0	G13	3000K	5	25
L12T8PS5035K	LED 12W 4' T8 IS/PS 35K	T80401A35E	12W	13.0	14.9	21.5	1300	1750	2340	117.4	80	32W	47.8	1.0	G13	3500K	5	25
L12T8PS5041K	LED 12W 4' T8 IS/PS 41K	T80401A41E	12W	13.0	14.9	21.5	1340	1800	2400	120.8	80	32W	47.8	1.0	G13	4100K	5	25
L12T8PS5050K	LED 12W 4' T8 IS/PS 50K	T80401A50E	12W	13.0	14.9	21.5	1380	1850	2480	124.2	80	32W	47.8	1.0	G13	5000K	5	25
LED T8 PET COATED GLASS – 50,000 HOURS		**DLC LOOK-UP L15T8D50XXKSC**					**(NSF RATED)**											
L15T8D5030KSC	LED 15W 4' T8 IS/RS SC 30K	L15T8D5030KSC	15W	14.5	18	21.5	1600	2000	2350	111.1	80	32W	47.8	1.0	G13	3000K	5	25
L15T8D5035KSC	LED 15W 4' T8 IS/RS SC 35K	L15T8D5035KSC	15W	14.5	18	21.5	1600	2000	2350	111.1	80	32W	47.8	1.0	G13	3500K	5	25
L15T8D5041KSC	LED 15W 4' T8 IS/RS SC 41K	L15T8D5041KSC	15W	14.5	18	21.5	1650	2050	2450	113.9	80	32W	47.8	1.0	G13	4100K	5	25
L15T8D5050KSC	LED 15W 4' T8 IS/RS SC 50K	L15T8D5050KSC	15W	14.5	18	21.5	1700	2200	2500	122.2	80	32W	47.8	1.0	G13	5000K	5	25
LED T8 U6 PLASTIC – 50,000 HOURS		**DLC LOOK-UP L13T8UD50XXK**																
L13T8UD5030K	LED 13W U6 T8 IS/RS 30K	L13T8UD5030K	13W	13	16.0	22.0	1400	1800	2500	112.5	80	32W	22.5	7.0	G13	3000K	5	12
L13T8UD5035K	LED 13W U6 T8 IS/RS 35K	L13T8UD5035K	13W	13	16.0	22.0	1400	1800	2500	112.5	80	32W	22.5	7.0	G13	3500K	5	12
L13T8UD5041K	LED 13W U6 T8 IS/RS 41K	L13T8UD5041K	13W	13	16.0	22.0	1450	1850	2550	115.6	80	32W	22.5	7.0	G13	4100K	5	12
L13T8UD5050K	LED 13W U6 T8 IS/RS 50K	L13T8UD5050K	13W	13	16.0	22.0	1500	1900	2600	118.8	80	32W	22.5	7.0	G13	5000K	5	12

Ballast compatibility tests are performed under a controlled lab environment. Field conditions may vary from this type of environment. Ballasts may differ by age and could have undergone revisions under the same item number affecting compatibility. Compatibility may also extend beyond this list. TCP recommends trying a few ballast-lamp combinations in an on-site test to ensure compatibility and performance before a major installation.

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5 YEAR WARRANTY
*Based on 12 hours use per day

DirecT8 IS/PS T8 Tubes

Instant Start Electronic Ballasts Compatible with LED DirecT8™ for L12T8PS50XXK Series

Manufacturer	Model #	Voltage
GE	GE132MAX-L/ULTRA	UNV
	GE132MAXP-N/ULTRA	UNV
	GE232MAX347-N	347
	GE232MAX-N/ULTRA	UNV
	GE232MAX-G-N	UNV
	GE232MAX-G-N/ULTRA	UNV
	GE232MAXP-N/ULTRA	UNV
	GE232MAX-H/ULTRA	UNV
	GE232MAXP-H/ULTRA	UNV
	GE232MAXP-L/ULTRA	UNV
	GE332MAX-L/ULTRA	UNV
	GE332MAX-N/ULTRA	UNV
	GE332MAXP-N/ULTRA	UNV
	GE332MAX-G-N	UNV
	GE332MAX-H/ULTRA	UNV
	GE432MAXP-L/ULTRA	UNV
	GE432MAXP-L/ULTRA	UNV
	GE432MAX-N/ULTRA	UNV
	GE432MAX-G-N	UNV
	GE432MAX-N/ULTRA	UNV
	GE432MAX-H/ULTRA	UNV
	GE432MAXP-H/ULTRA	UNV
Osram/Sylvania	QHE2X32T8/UNV ISN-SC	UNV
	QHE2X32T8/UNV ISL-SC	UNV
	QHE2X32T8/UNV ISH-SC	UNV
	QHE2X32T8/347 ISN-SC	347
	QHE4X32T8/UNV ISN-SC	UNV
	QHE4X32T8/UNV ISL-SC	UNV
	QHE4X32T8/UNV ISH-SC	UNV
	QHE4X32T8/UNV ISH	UNV
	QTP2X32T8/UNV ISN-SC	UNV
	QTP3X32T8/UNV ISN-SC	UNV
	QTP2X32T8/UNV ISL-SC	UNV
	QTP3X32T8/UNV ISL-SC	UNV
	QTP2X32T8/UNV ISH-SC	UNV
	QTP3X32T8/UNV ISH-SC	UNV
	QTP4X32T8/UNV ISN SC	UNV
Philips/Advance	IOPA-2P32-LW-N	UNV
	IOPA-3P32-LW-N	UNV
	IOPA-4P32-LW-N	UNV
	IOPA-2P32-N	UNV
	IOPA-3P32-N	UNV
	IOPA-4P32-N	UNV
	IOPA-2P32-HL-N	UNV
	IOPA-3P32-HL-N	UNV
	IOPA-2P32-LW-SC	UNV
	IOPA-4P32-LW-SC	UNV
	IOP-2P32-LW-N	UNV
	IOP-3P32-LW-N	UNV
	IOP-4P32-LW-N	UNV
	IOP-2P32-N	UNV
	IOP-3P32-N	UNV
	ICN-1P32-N	UNV
	ICN-2P32-N	UNV
	ICN-3P32-N	UNV

Manufacturer	Model #	Voltage
Philips/Advance (cont)	ICN-2P32-SC	UNV
	ICN-3P32-N	UNV
	ICN-4P32-N	UNV
	GOPA-2P32-N	347
	GOPA-2P32-SC	347
	GOPA-4P32-SC	347
	IOP-3P32HL-90L-SC	UNV
	VEL-4P32-SC	UNV
	GEL-2P32-SC	347
	GOPA-2P32-N	347
	GEL-3P32-SC	347
	GEL-3P32-RH-TP	UNV
	GEL-4P32-RH-TP	UNV
	REL-2P32-SC	UNV
	REL-2P32-RH-TP	UNV
	VEL-2P32-SC	UNV
	REL-2P32-SC	UNV
	VOP-2P32-LW	UNV
TCP	E2P32ISUNVE	UNV
	E2P32ISUNVHE	UNV
	E2P32ISUNVLE	UNV
	E3P32ISUNVE	UNV
	E3P32ISUNVHE	UNV
	E3P32ISUNVLE	UNV
	E4P32ISUNVE	UNV
	E4P32ISUNVHE	UNV
	E4P32ISUNVLE	UNV
	E2P32IS120RES	120
Universal/Triad	B132IUNVHP-N	UNV
	B232I120RH-A	UNV
	B232IUNVHP-N	UNV
	B232IUNVEL-A	UNV
	B332IUNVHP-A	UNV
	B232I277RH-A	277
	B232IUNVEL-A rev D	UNV
	B432IUNVHP-A	UNV
	B4321277RH-A	277
	B432I120RH-A	120
	B23IUNVHP-N010C	UNV
ESPEN	VE2P32MVHIPE	UNV
	VE4P32MVHIPE	UNV
Standard	E432T8IS120/N/AS	UNV
	E232T8IS120/N/AS	UNV
	E432PI347G0/347	347
	E232T8IS347/H/90C	347
	E432T8IS347/H/90C	347
Keystone	KTEB-232-UV-IS-N-P	UNV

*Requires 5 minutes of warm up time

Instant Start Ballasts Not Recommended for use with LED DirecT8 include:
Philips/Advance: IOP-3P32-LW-SC, IOP-2P32-LW-SC

Emergency Ballasts Compatible with LED DirecT8™

Manufacturer	Model #	Voltage
IOTA	I-320	I-320
Bodine	B30	B30
	B50	B50
TCP	20B50	

DirecT8 IS/PS T8 Tubes

Program Start Electronic Ballasts Compatible with LED DirecT8™ for L12T8PS50XXK Series

Manufacturer	Model #	Voltage
Advance	IOP-2PSP32-N	UNV
	IOP-3PSP32-SC	UNV
	IOP-4PSP32-SC	UNV
	GOP-2PSP32-SC	UNV
	GOP-4PSP32-SC	UNV
	IOP-3S32-SC	UNV
GE	GE-232-MV-PS-N	UNV
	GE-232-MVPS-L	UNV
	GE-232MAXP-N/ULTRA	UNV
	GE232MAX-H/ULTRA	UNV
	GE332-MVPS-N	UNV
	GE332-MVPS-H	UNV
	GE432-MVPS-N	UNV
	GE432-MVPS-H	UNV
	GE432-MVPS-L	UNV
	GE-432-MAX-N/ULTRA	UNV
OSRAM	QHE-2x32T8/UNV PSN-MC	UNV
	QHE-2x32T8/UNV PSH-HT	UNV
	QHE 3x32T8/UNV PSN-SC	UNV
	QHE 4x32T8/UNV PSN-SC	UNV
	QHE 4x32T8/UNV PSH-HT	UNV
	QTP2X32T8/UNV PSN-TC	UNV
TCP	E2P32PSUNVE	UNV
	E3P32PSUNVE	UNV
	E4P32PSUNVE	UNV
	E2P32PSUNVHE	UNV
	E3P32PSUNVHE	UNV
	E4P32PSUNVHE	UNV
	E2P32PSUNVLE	UNV
	E3P32PSUNVLE	UNV
	E4P32PSUNVLE	UNV
	2S32PSUNVHE	UNV
Triad	B232PUNVHE-B	UNV

Dimmer Ballasts

Manufacturer	Model #	Voltage
1 Lamp Program Start Dim		UNV
Philips/Advance	IZT-132-SC	UNV
2 Lamp Program Start Dim		UNV
Philips/Advance	IZT-2S32-SC	UNV
	IZT-2PSP32-SC	UNV

Philips/Advance Type C Drivers Compatible with LED DirecT8

Manufacturer	Model #	Voltage
Philips/Advance	ICN-2P16-TLED-N	UNV
	ICN-3P16-TLED-N	UNV
	ICN-4P16-TLED-N	UNV
	ICN-4P-16-TLED-HL-N	UNV
	ICN-2P-16-TLED-HL-N	UNV
	IZT-2P16-TLED-SC	UNV
	IZT-4P16-TLED-SC	UNV

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5 YEAR WARRANTY
*Based on 12 hours use per day

DirecT8 IS/PS T8 Tubes

Electronic Ballasts Compatible with LED DirecT8™ for LI5T8D50XXKSC and LI3T8UD50XXK Series

Instant Start Ballasts

Brand	Model #	Four Lamp 120V	Four Lamp 277V	Three Lamp 120V	Three Lamp 277V	Two Lamp 120V	Two Lamp 277V	One Lamp 120V	One Lamp 277V
Advance	ICN-1P32-N	–	–	–	–	–	–	Y	Y
	ICN-2P32-N	–	–	–	–	Y	Y	N	N
	ICN-3P32-N	–	–	Y	Y	Y	Y	–	–
	ICN-4P32-N	Y	Y	Y	Y	–	–	–	–
	ICN-2P32-SC	–	–	–	–	Y	Y	Y	Y
	ICN-4P32-SC	N	Y	N	Y	–	–	–	–
	IOPA-1P32-N	–	–	–	–	Y	Y	N	N
	IOPA-4P32-N	Y	Y	Y	Y	–	–	–	–
	IOPA-1P32-LW-N	–	–	–	–	–	–	N	N
	IOPA-2P32-LW-N	–	–	–	–	Y	Y	N	N
	IOPA-4P32-LW-N	Y	Y	Y	Y	–	–	–	–
	REL-2P32-SC	–	–	–	–	Y	–	Y	–
	REL-4P32-RH-TP	N	–	N	–	–	–	–	–
Espen	VE232MVHIP	–	–	–	–	Y	Y	Y	Y
	VE232MVHIPE	–	–	–	–	Y	Y	Y	Y
	VE232MVHIPHE	–	–	–	–	Y	Y	N	N
	VE432MVHIP	Y	Y	Y	Y	–	–	–	–
	VE432MVHIPE	Y	Y	Y	Y	–	–	–	–
	VE432MVHIPHE	Y	Y	Y	Y	–	–	–	–
Fulham	NPY-120-432-T8B	Y	–	Y	–	–	–	–	–
	NPY-120-432-T8-IS	Y	–	Y	–	–	–	–	–
	WHCG3-120-T8-IS	–	–	Y	–	Y	–	–	–
	WH2-120-L	–	–	–	–	–	–	Y	–
	WH5-120-L	Y	–	N	–	–	–	–	–
Fusion	FB232MVE	–	–	–	–	Y	Y	Y	Y
	FB232MVE-HE	–	–	–	–	Y	Y	Y	Y
	FB232MVE-LHE	–	–	–	–	Y	–	Y	–
	FB332MVE	–	–	Y	Y	Y	Y	–	–
	FB432MVE	N	N	N	N	–	–	–	–
	FB432MVE-HE	N	N	N	N	–	–	–	–
GE	GE132MAXP-N/ULTRA	–	–	–	–	–	–	Y	Y
	GE 232-120RES-DIYB	–	–	–	–	Y	–	Y	–
	GE232MAX-G-N	–	–	–	–	Y	Y	Y	Y
	GE232MAXP-L/ULTRA	–	–	–	–	Y	Y	Y	Y
	GE232MAXP-N/ULTRA	–	–	–	–	Y	Y	Y	Y
	GE232MAXP-H/ULTRA	–	–	–	–	Y	Y	N	N
	GE232-MV-N	–	–	–	–	Y	Y	Y	Y
	GE332MAX-L/ULTRA	–	–	Y	Y	Y	Y	–	–
	GE332MAX90-V60	–	–	Y	Y	N	N	–	–
	GE332MV-N-DIY	–	–	Y	Y	Y	Y	–	–
	GE432MAX-G-N	Y	Y	Y	Y	–	–	–	–
	GE432MAX-H/ULTRA	Y	Y	Y	Y	–	–	–	–
	GE432MAX-H-42T	Y	Y	Y	Y	–	–	–	–
Howard	EP3/32IS/MV/SC/HE	–	–	Y	Y	Y	Y	–	–
	EP4/32IS/MV/MC/HE	Y	Y	Y	Y	–	–	–	–
Keystone	KTEB-232-UV-IS-N-P	–	–	–	–	Y	Y	Y	Y
	KTEB-332-UV-IS-N-P	–	–	Y	Y	Y	Y	–	–
	KTEB-432-UV-IS-N-P	Y	Y	Y	Y	–	–	–	–

Instant Start Ballasts

Brand	Model #	Four Lamp 120V	Four Lamp 277V	Three Lamp 120V	Three Lamp 277V	Two Lamp 120V	Two Lamp 277V	One Lamp 120V	One Lamp 277V
Osram	QHE 2x32T8/UNV ISL SC	–	–	–	–	Y	Y	Y	Y
	QTP 2x32T8/UNV ISN-SC	–	–	–	–	Y	Y	Y	Y
	QHE 4x32T8/UNV ISL SC	Y	Y	Y	Y	–	–	–	–
	QTP 4x32T8/UNV ISN-SC	Y	Y	Y	Y	–	–	–	–
Standard	E232PI120L	–	–	–	–	Y	–	Y	–
	E232T8IS120/L/AS	–	–	–	–	Y	–	Y	–
	E232T8IS120/N/AS	–	–	–	–	Y	–	Y	–
	E432T8IS120/H	Y	–	N	–	–	–	–	–
	E432T8IS120/L/AS/BULK	Y	–	Y	–	–	–	–	–
	E432T8IS120/N/AS/BULK	Y	–	Y	–	–	–	–	–
Universal	B232IUNVHP-N	–	–	–	–	Y	Y	–	–
	B332IUNVHP-A	–	–	Y	Y	Y	Y	–	–
	B432IUNVHP-A	Y	Y	Y	Y	–	–	–	–

Rapid Start Ballasts

Brand	Model #	Four Lamp 120V	Four Lamp 277V	Three Lamp 120V	Three Lamp 277V	Two Lamp 120V	Two Lamp 277V	One Lamp 120V	One Lamp 277V
Advance	ICN-2S40-N	–	–	–	–	Y	Y	Y	Y
	RELB-2S40-N	–	–	–	–	Y	–	N	–
Fulham	WHCG5-120-T12-RS	–	–	–	–	Y	–	Y	–

Programmed Start Ballasts

Brand	Model #	Four Lamp 120V	Four Lamp 277V	Three Lamp 120V	Three Lamp 277V	Two Lamp 120V	Two Lamp 277V	One Lamp 120V	One Lamp 277V
Advance	IOP-4PSP32-SC	Y	Y	Y	Y	–	–	–	–
	RCN-2S32-SC	–	–	–	–	Y	–	–	–
Fulham	NPY-120-232-LT8	–	–	–	–	Y	–	Y	–
Fusion	FB232MVE-PPS-HE	–	–	–	–	Y	Y	Y	Y
	FB432MVE-PPS-HE	Y	Y	Y	Y	–	–	–	–
GE	GE 232-120-PS-N	–	–	–	–	Y	–	Y	–
	GE232-MVPS-L	–	–	–	–	Y	Y	Y	Y
	GE232-MVPS-N	–	–	–	–	Y	Y	Y	Y
	GE232-MVPS-H	–	–	–	–	Y	Y	N	N
Osram	QTP 3x32T8/UNV PSX-SC	–	–	N	N	–	–	–	–
	QHE 4x32T8/UNV PSN-SC	Y	Y	Y	Y	–	–	–	–
Robertson	RSW240T12120	–	–	–	–	N	–	N	–
Standard	E232T8PS120-277/N/AS/BULK	–	–	–	–	Y	Y	–	–
TCP	E4P32PSUNVE	Y	Y	Y	Y	–	–	–	–
Universal	B232PUNVHE-B	–	–	–	–	Y	Y	N	N

Dimming Ballasts

Brand	Model #	Four Lamp 120V	Four Lamp 277V	Three Lamp 120V	Three Lamp 277V	Two Lamp 120V	Two Lamp 277V	One Lamp 120V	One Lamp 277V
Advance	REZ-2S32-SC	–	–	–	–	Y	–	–	–
GE	GE332MAX90-V60	–	–	Y	Y	N	N	–	–
Keystone	KTEB-232-UV-PS-VDIM	–	–	–	–	Y	Y	–	–
Osram	QHE 2x32T8/UNV DIM-TC	–	–	–	–	Y	Y	–	–
Universal	B232PUSV3PLA	–	–	–	–	Y	Y	Y	Y
	B232SR120S30	–	–	–	–	N	–	–	–

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DirecT8 IS/PS T8 Tubes

LED T8 Ballast Compatibility Guides for LI5T8D50XXKSC and LI3T8UD50XXK 347/480v Series

Brand	Model #	Start Method	Four Lamp		Three Lamp		Two Lamp		One Lamp	
			347V	480V	347V	480V	347V	480V	347V	480V
Arcata	ACT2P32IS347	IS	–	–	–	–	Y	Y	Y	Y
	ACT4P32IS347	IS	Y	Y	Y	Y	–	–	–	–
Advance	GOPA-2P32-LW-N	IS	–	–	–	–	N	–	Y	–
	GOPA-2P32-LW-SC	IS	–	–	–	–	Y	–	Y	–
	GOPA-4P32-LW-SC	IS	Y	–	Y	–	–	–	–	–
	GOPA-2P32-SC	IS	–	–	–	–	Y	–	Y	–
	GOPA-4P32-SC	IS	Y	–	Y	–	–	–	–	–
Fusion	FB232347E-HE	IS	–	–	–	–	Y	–	Y	–
	FB232347E-L	IS	–	–	–	–	Y	–	Y	–
	FB232347E-PPS-HE	**PS**	–	–	–	–	Y	–	Y	–
	FB432347E-HE	IS	Y	–	Y	–	–	–	–	–
	FB432347E-L	IS	Y	–	Y	–	–	–	–	–
	FB432347E-PPS-HE	**PS**	Y	–	Y	–	–	–	–	–
GE	GE232MAX347-H	IS	–	–	–	–	Y	–	N	–
	GE332MAX347-H	IS	–	–	Y	–	N	–	–	–
	GE432MAX347-H	IS	N	–	N	–	–	–	–	–
Magnetek	B232I347HP	IS	–	–	–	–	N	–	N	–
Osram	QHE 2x32 T8/347 ISL-SC	IS	–	–	–	–	Y	–	Y	–
	QHE 2x32 T8/347 ISN-SC	IS	–	–	–	–	Y	–	Y	–
	QHE 4x32 T8/347 ISL-SC	IS	Y	–	Y	–	–	–	–	–
Standard	E232T8IS347/H/90C	IS	–	–	–	–	N	–	N	–
	E232T8IS347/L/BULK	IS	–	–	–	–	Y	–	Y	–
	E232T8IS347/N/BULK	IS	–	–	–	–	Y	–	Y	–
	E432PI347G01	IS	Y	–	N	–	–	–	–	–
	E432T8IS347/L/BULK	IS	Y	–	Y	–	–	–	–	–
	E432T8IS347/N	IS	Y	–	Y	–	–	–	–	–
	E432T8IS347/N/BULK	IS	N	–	N	–	–	–	–	–
	E432T8IS347/H/90C	IS	N	–	N	–	–	–	–	–
Universal	B232I347HE-A	IS	–	–	–	–	Y	–	Y	–
	B432I347HE-A	IS	Y	–	Y	–	–	–	–	–
	B432I347RH	IS	Y	–	Y	–	–	–	–	–

Ballast compatibility tests are performed under a controlled lab environment. Field conditions may vary from this type of environment. Ballasts may differ by age and could have undergone revisions under the same item number affecting compatibility. Compatibility may also extend beyond this list. TCP recommends trying a few ballast-lamp combinations in an on-site test to ensure compatibility and performance before a major installation.

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