

“Super T-8” Eligibility Requirements

“Super T-8” lamp ballast combinations have higher lumens per watt than standard T-8 lamps and ballasts meaning equal or better light output using fewer watts. When a new fixture is equipped with this technology, it is eligible to receive an additional incentive of \$5 per ballast.

The following is a list of eligible lamps and ballast (see Tables 1A and 1B). These lists are not intended to be inclusive of the entire marketplace but are to be used as a guide to assist our customers and their vendors when specifying equipment eligible for an incentive. This list is subject to change over time. For products not listed, use the eligibility requirements on Pages 3 and 4.

Use any of these ballasts:

ENERGY EFFICIENT ELECTRONIC BALLASTS eligible for "Super T-8" incentive

Table 1A

SYSTEM MFGR.	SYSTEM		BALLAST FACTOR	INPUT POWER	BALLAST EFFIC. FACTOR
	LAMP (LUMENS)	BALLAST			
OSRAM	1-32 W	Low power Program Start XTREME PSX	0.71	25	2.84
OSRAM	2-32 W	Low power Program Start XTREME PSX	0.71	48	1.48
OSRAM	3-32 W	Low power Program Start XTREME PSX	0.71	72	0.99
OSRAM	4-32 W	Low power Program Start XTREME PSX	0.71	94	0.76
Universal	2-32W	Instant Start B232I120HE B232I277HE	0.88	55	1.6
Universal	3-32W	Instant Start B332I120HE	0.88	83	1.06
		B332I277HE	0.88	82	1.07
Universal	4-32W	Instant Start B432I120HE	0.88	108	0.81
		B432I277HE	0.88	107	0.82
Universal	2-32W	Instant Start Low Power B232I120EL B232I277EL	0.78	48	1.63
Universal	3-32W	Instant Start Low Power B332I120EL B332I277EL	0.78	73	1.07
Universal	4-32W	Instant Start Low Power 120V not eligible			

SYSTEM MFGR.	SYSTEM		BALLAST FACTOR	INPUT POWER	BALLAST EFFIC. FACTOR
	LAMP (LUMENS)	BALLAST			
Universal	4-32W	B432I277EL	0.78	95	0.82
		OPTANIUM Instant Start ROP or VOP-2P32-SC	0.88	55	1.6
ADVANCE	2-32W	OPTANIUM Instant Start Low Power ROP or VOP-2P32-LW-SC	0.78	48	1.63
General Electric	1-32W	GE-132-MAX-N/Ultra Instant Start Product Code 49771 120V Product Code 49771 277V	0.87	28	3.11
General Electric	2-32W	GE-232-MAX-N/Ultra Instant Start Product Code 49772 120V Product Code 49772 277V	0.87 0.87	54 53	1.61 1.64
General Electric	3-32W	GE-332-MAX-N/Ultra Instant Start Product Code 49773 120V Product Code 49773 277V	0.87 0.87	82 80	1.06 1.09
General Electric	4-32W	GE-432-MAX-N/Ultra Instant Start Product Code 49774 120V Product Code 49774 277V	0.87 0.87	109 107	0.80 0.81
General Electric	1-32W	GE-132-MAX-L/Ultra Instant Start Low Power Product Code 49706 120V Product Code 49706 277V	0.77	25	3.08
General Electric	3-32W	GE-332-MAX-L/Ultra Instant Start Low Power Product Code 49708 277V 120V Not Eligible	0.77	72	1.07
Howard Industries	1-32W	Instant Start E1/32IS-120HEX E1/32IS-277HEX	0.87 0.87	28 28	3.11 3.11
Howard Industries	3-32W	Instant Start E3/32IS-277HEX 120V Not Eligible	0.87	83	1.06
Howard Industries	4-32W	Instant Start E4/32IS-277HEX 120V Not Eligible	0.87	109	0.80
Howard Industries	1-32W	Instant Start Low Power EL1/32IS-120HEX EL1/32IS-277HEX	0.75 0.75	25 25	3.08 3.08

With any of these lamps:

Lamps eligible for “Super T-8” rebate

Table 1B

MFGR.	ORDERING CODE	INITIAL LUMENS	LUMEN DEPR.	MEAN LUMENS	NOMINAL WATTS	MEAN L/W	CRI
Phillips	F32T8/ADV835/ALTO	3100	0.95	2945	32	92.03	86
Philips	F32T8/ADV830/EW/ALTO	2900	0.95	2750	30	91.67	86
Philips	F32T8/ADV835/EW/ALTO	2900	0.95	2750	30	91.67	86
Philips	F32T8/ADV841/EW/ALTO	2900	0.95	2750	30	91.67	86
Philips	F32T8/ADV830/ALTO	3100	0.95	2950	32	92.19	86
Philips	F32T8/ADV841/ALTO	3100	0.95	2950	32	92.19	86
Philips	F32T8/ADV850/ALTO	3100	0.95	2950	32	92.19	86
GE	F32T8/XL/SPX30/HL/ECO	3100	0.94	2915	32	91.09	85
GE	F32T8/XL/SPX35/HL/ECO	3100	0.94	2915	32	91.09	82
GE	F32T8/XL/SPX41/HL/ECO	3100	0.94	2915	32	91.09	85
OSRAM	F032/730SS/ECO	2850	0.95	2707	30	90.23	82
OSRAM	F032/735SS/ECO	2850	0.95	2707	30	90.23	82
OSRAM	F032/735SS/ECO	2850	0.95	2707	30	90.23	82
OSRAM	F032/830/XPS/ECO	3150	0.95	2992	32	93.52	85
OSRAM	F032/835/XPS/ECO	3100	0.95	2945	32	92.03	85
OSRAM	F032/841/XPS/ECO	3100	0.95	2945	32	92.03	85
SLI Lighting	01708 F32T8/830 Terra-Lux 800 Series	3050	0.95	2895	32	90.47	85
SLI Lighting	01709 F32T8/835 Terra-Lux 800 Series	3050	0.95	2895	32	90.47	85
SLI Lighting	01707 F32T8/841 Terra-Lux 800 Series	3050	0.95	2895	32	90.47	85
SLI Lighting	01704 F32T8/850 Terra-Lux 800 Series	3050	0.95	2895	32	90.47	85

IF A BALLAST OR LAMP IS NOT LISTED

use the following criteria to determine eligibility

1. To determine ballast eligibility

a. Calculate “ballast efficacy factor” (BEF)

i. **BEF = ballast factor / ballast input watts * 100** (this data can be found in ballast catalogs and cut sheets)

b. BEF must be greater than or equal to the values on the following table.

Minimum Ballast Efficacy Factors for “Super T-8” Ballasts

Ballast Type	1Lamp	2 Lamp	3 Lamp	4 Lamp
Program Start	Note	Note	Note	Note
Instant Start	3.11	1.6	1.06	0.80
Program Start LP	2.84	1.48	0.99	0.76
Instant Start LP	3.08	1.63	1.07	0.82

**Note: The ballast efficiency factors have not been determined where noted.
Contact your Utility Representative for assistance.**

2. “Super T-8” lamp eligibility

a. Minimum Requirements

- i. **At least 90 mean lumens per watt**
- ii. **94% lumen maintenance or greater**
- iii. **80 CRI or greater**

SOME PRECAUTIONS REGARDING FLUORESCENT LIGHTING SYSTEMS

To ensure optimal operations of any fluorescent lighting system, not just “SUPER T-8” systems, consideration should be given to:

- Compatibility of the lamp and ballast
- Manufacturer’s rated minimum ambient temperature environment that the lamp or ballast can be operated in.