

## Energy Saving Solutions For Four Foot T8 Fixtures

When you need to offer energy savings without reducing light output, Halco has the solution. By combining our ProLume® Eco-Shield® High-Lumen T8 lamps with ProLume® ProFormance® Multi-Volt, low ballast factor ballasts (0.77 to 0.78 BF), you reduce energy usage up to 15% while maintaining near equivalent light levels of standard T8 systems.

- ProLume High Lumen T8 lamps paired with low ballast factor ballasts provide strong energy saving solutions offering up to 100.3 LPW
- High Lumen T8 lamps are CEE listed
- High Efficiency T8 ballasts are NEMA Premium and CEE listed
- Ballasts are Multi-Volt to accommodate 120V-277V applications
- Ballasts feature Micro Case design
- Ballasts are backed with a 5-Year Warranty
- High-Lumen T8 lamps are TCLP compliant




T8 Systems	BF	# of Lamps		Output/Lamp	System Output
Normal Ballast Factor T8 Ballast w/700 series T8 Lamps	0.88	x	2	x 2850 lumens	= 5016 lumens
EP232IS/L/MV/HE Ballast w/ProLume F32T8 HL Lamps	0.78	x	2	x 3150 lumens	= 4914 lumens
Energy Consumption Comparison		Input Watts			
Normal Ballast Factor T8 Ballast w/700 series T8 Lamps	60 watts				
EP232IS/L/MV/HE Ballast w/ProLume F32T8 HL Lamps	49 watts				
Lumen Per Watt Comparison		Efficiency			
Normal Ballast Factor T8 Ballast w/700 series T8 Lamps	5016 lumens/60 watts = 83.6 lumens/watt				
EP232IS/L/MV/HE Ballast w/ProLume F32T8 HL Lamps	4914 lumens/49 watts = 100.3 lumens/watt				

## Ordering Information

Bulb	Watt	Base	Product #	Product Code	Description	Master	Color Temp.	CRI	Initial Lumens	Avg. Life	Commercial Life	Nom. Length (in)
T8	32	Bi-Pin	35176	F32T8/835/ECO/HL	835 ProLume® Eco-Shield® High Lumen	25	3500	86	3150	24000	30000	48
T8	32	Bi-Pin	35177	F32T8/841/ECO/HL	841 ProLume® Eco-Shield® High Lumen	25	4100	86	3150	24000	30000	48
T8	32	Bi-Pin	35178	F32T8/850/ECO/HL	850 ProLume® Eco-Shield® High Lumen	25	5000	86	3150	24000	30000	48

Product #	Product Code	Description	Start Type	Voltage	Ballast Factor	THD%	Power Factor
50119	EP232IS/L/MV/HE	2 Lamp F32T8 Low Ballast Factor	Instant Start	120-277	0.78	<10%	0.98
50123	EP232IS/MV/HE	2 Lamp F32T8 Normal Ballast Factor	Instant Start	120-277	0.89	<10%	0.98
50168	EP332IS/L/MV/HE	3 Lamp F32T8 Low Ballast Factor	Instant Start	120-277	0.78	<10%	0.98
50170	EP332IS/MV/HE	3 Lamp F32T8 Normal Ballast Factor	Instant Start	120-277	0.88	<10%	0.98
50172	EP432IS/L/MV/HE	4 Lamp F32T8 Low Ballast Factor	Instant Start	120-277	0.77	<10%	0.98
50174	EP432IS/MV/HE	4 Lamp F32T8 Normal Ballast Factor	Instant Start	120-277	0.88	<10%	0.98

 Hg—LAMP CONTAINS MERCURY, MANAGE IN ACCORD WITH DISPOSAL LAWS.  
Visit [www.lamprecycle.org](http://www.lamprecycle.org) for disposal information for your state or local government.

 Lamps meet Federal Minimum Efficiency standards.