

**Take Control & Save Business Lighting
2014 New Equipment Tables**

Rebate amounts must be verified through Take Control & Save 2014 lighting calculator for member rebate						
T8 AND Super T8 Fluorescent Lamps and Fixtures with Electronic Ballasts						
Lamp Length	Description	Number of Lamps	Retrofit		New Construction	
				Watts		Watts Saved
2'	F17T8	1		18		N/A
		2		32		N/A
		3		48		N/A
		4		57		N/A
	F17T8 w/ Reflectors	1		18		N/A
		2		32		N/A
3'	F25T8	1		24		N/A
		2		46		N/A
		3		66		N/A
		4		82		N/A
	F25T8 w/ Reflectors	1		24		N/A
		2		46		N/A
4'	F25T8	4		85		N/A
	F25T8 w/ Reflectors	4		85		N/A
	F32T8	1		32		N/A
		2		70		N/A
		3		95		N/A
		4		121		N/A
	F32T8 w/ Reflectors	1		32		N/A
		2		70		N/A
		3		95		N/A
		4		121		N/A
		5		176		N/A
		6		216		N/A
		8		231		N/A
		F32T8 - RLO	1		26	
	2			51		N/A
	3			74		N/A
	4			94		N/A
	F32T8 – RLO/ Reflectors	1		26		N/A
2			51		N/A	
F32T8 RLO/Reflectors (compare to 400Watt HID base)	8		192		N/A	
4'	F32T8 – HBF/Reflectors (high-bay applications, ceiling ht >15')	1		37		N/A
		2		73		N/A
		3		107		N/A
		4		146		N/A
		6		234		N/A

T8 and Super T8 Fluorescent Lamps and Fixtures with Electronic Ballasts

Super T8 lamps are 32W T8 lamps, with long service life, and high light output (3,100+ initial lumens versus 2,850 for a standard T8). Combining super T8 lamps with low ballast factor ballasts (BF of ≤ 0.77) on a one-for-one replacement will reduce energy.

New Construction - comparable fixture - standard T-8

Lamp Length	Description	Number of Lamps	Retrofit		New Construction	
				Watts Used	Comp. Fixture	Watts Saved
4'	<u>F32 Super T8</u>	1		26	T-8	6
		2		53	T-8	17
		3		80	T-8	15
		4		106	T-8	15
		6		159	T-8	11
	<u>F32 Super T8 w/Reflectors</u>	2		53	T-8	17
		3		80	T-8	15
		4		106	T-8	15
		6		159	T-8	11
		8		212	T-8	119
	F36T8	2		75		N/A
	F36T8 w/ Reflectors	2		75		N/A
	F48T8 /HO	1		40		N/A
		2		81		N/A
3			118		N/A	
4			149		N/A	
5'	F40T8	1		46		N/A
		2		71		N/A
		3		105		N/A
	F40T8 w/ Reflectors	1		46		N/A
6'	F72T8/HO	1		80		N/A
		2		147		N/A
8'	F96T8	1		60		N/A
		2		108		N/A
		6		324		N/A
	F96T8 w/ Reflectors	1		60		N/A
		2		108		N/A
	F96T8 RLO	1		49		N/A
		2		99		N/A
	F96T8 – RLO w/ Reflectors	1		49		N/A
F96T8/HO	2		160		N/A	

T5 Fluorescent Fixtures with Electronic Ballasts					
New Construction - comparable fixture - standard T-8					
Description	Number of Lamps	Retrofit		New Construction	
			Watts Used	Comp. Fixture	Watts Saved
18Watt T5	1		20	125%	6
	2		34	125%	10
	3		50	125%	14
28Watt T5	1		29	125%	8
	2		58	125%	16
	3		96	125%	25
	4		116	125%	30
39Watt T5	1		39	125%	11
	2		78	125%	21
	3		117	125%	30
40Watt T5	1		40	125%	11
	2		80	125%	21
	3		120	125%	31
	4		160	125%	41
	6		240	125%	61
50Watt T5	1		50	125%	14
	2		100	125%	26
	3		150	125%	39
	4		200	125%	51
55Watt T5	1		55	125%	15
	2		110	125%	29
	3		165	125%	42
	4		220	125%	56
24Watt HO T5	1		29	175%	22
	2		55	175%	41
	3		82	175%	62
39Watt HO T5	1		43	175%	32
	2		85	175%	64
48Watt HO T5 /Refl. (400Watt HID Base)	4		224	175%	176
54Watt HO T5	1		62	175%	88
	2		124	175%	51
	3		186	175%	64
	4		248	175%	152
54Watt HO T5 /Refl. (2-lamp, 8' T12 HO base)	2		124	175%	93
54Watt HO T5 /Reflectors (400Watt HID base)	3		186	175%	64
	4		248	175%	152
	6		351	175%	199
54Watt HO T5/Reflectors (1000Watt HID base)	8		497	175%	203
	10		548	175%	302
	12		702	175%	298
80Watt HO T5	4		368	175%	276

Cold Cathode Lamps					
Enter actual wattages into calculator					
New Construction - comparable fixture - EISA Compliant Incandescent					
Lamp Wattage	Number of Lamps	Retrofit		New Construction	
			Watts Used	Comp. Fixture	Watts Saved
5-10Watt	1		7	Incand.	22
11-20Watt	1		14	Incand.	39

Induction Lamps and Fixtures					
Enter actual wattages into calculator					
New Construction - comparable fixture - Metal Halide High Intensity Discharge (MH HID)					
Lamp Wattage	Number of Lamps	Retrofit		New Construction	
			Watts Used	Comp. Fixture	Watts Saved
15-22Watt (70Watt HID base)	1		15	MH HID	55
23-39Watt (100Watt HID base)	1		23	MH HID	77
40-149Watt (175Watt HID base)	1		80	MH HID	81
150-199Watt (250Watt HID base)	1		150	MH HID	75
200-299Watt (400Watt HID base)	1		225	MH HID	150
300-400Watt (1000Watt HID base)	1		350	MH HID	650

LED Lamps and Fixtures					
Enter actual wattages into calculator					
New Construction - comparable fixture -EISA compliant incandescent where applicable Metal Halide High Intensity Discharge (MH HID)					
Description	Number of Lamps	Retrofit		New Construction	
			Watts Used	Comp. Fixture	Watts Saved
4-5 Watts	1		4	EISA	24
6-8 Watts	1		8	EISA	35
9-13 Watts	1		13	EISA	40
16-20 Watts	1		20	EISA	52
25-28 Watts	1		28	EISA	77
30-59 Watts	1		45	MH HID	24
60-99 Watts	1		75	MH HID	41
100-149 Watts	1		125	MH HID	68
150-179 Watts	1		165	MH HID	85
180-199 Watts	1		190	MH HID	103
200-249 Watts	1		225	MH HID	122
250-299 Watts	1		275	MH HID	125
300-349 Watts	1		325	MH HID	176
350-399 Watts	1		375	MH HID	204
400-449 Watts	1		425	MH HID	231
450-500 Watts	1		475	MH HID	258

Compact Fluorescent Lamps – Hardwired Fixtures (non-screw-base)					
Enter actual wattages into calculator					
New Construction - comparable fixture - EISA compliant incandescent where applicable; Metal Halide High Intensity Discharge (MH HID)					
Fixture Description (wattage)	Number of Lamps	Retrofit		New Construction	
			Watts Used	Comp. Fixture	Watts Saved
9-13 Watts	1		11	EISA	18
14-15 Watts	1		14	EISA	29
16-25 Watts	1		22	EISA	31
25-30 Watts	1		28	EISA	44
30-55Watts	1		50	EISA	55
56-60 Watts	1		58	Incand.	63
61-65 Watts	1		63	Incand.	68
66-70 Watts	1		68	Incand.	74
71-75 Watts	1		73	Incand.	79
76-80 Watts	1		78	Incand.	85
81-85 Watts	1		83	Incand.	90
86-90 Watts	1		88	Incand.	95
91-95 Watts	1		93	Incand.	101
96-100 Watts	1		98	Incand.	106
101-105 Watts	1		103	Incand.	112
106-110 Watts	1		108	Incand.	117
3-Lamp - Industrial Multi CFL Fixture	3		165	MH HID	85
8-Lamp - Industrial Multi CFL Fixture	8		310	MH HID	90
9-Lamp - Indust. Multi CFL (400 Watt Base)	9		318	MH HID	82

Exit Signs, Occupancy Sensors, and Photo cells					
Description		Retrofit		New Construction	
			Rebate		Rebate
Exit Sign – LED or LEC (light emit. capacitor)			\$12		N/A
Wall Mount Occupancy Sensor			\$12		\$6
Ceiling Mount Occupancy Sensor			\$36		\$18
Photocells – for new or retrofit			\$12		\$6