

**Fluorescent Lighting Tables for New Equipment**  
1/1/2016

**T8 and SUPER T8 Fluorescent Lamps and Fixtures with Electronic Ballasts**

LAMP LENGTH	DESCRIPTION	NUMBER OF LAMPS	WATTS	RETROFIT		NEW CONSTRUCTION		
				CODE	REBATE PER FIXTURE	CODE	REBATE PER FIXTURE	
2'	F17T8	1	18	206	11.00	---	---	
		2	32	207	11.00	---	---	
		3	48	208	18.00	---	---	
		4	57	209	18.00	---	---	
	F17T8 with Reflectors	1	18	210	17.00	---	---	
		2	32	211	17.00	---	---	
3'	F25T8	1	24	306	11.00	---	---	
		2	46	307	11.00	---	---	
		3	66	308	18.00	---	---	
		4	82	309	18.00	---	---	
	F25T8 with Reflectors	1	24	310	19.00	---	---	
		2	46	311	19.00	---	---	
4'	F32T8	1	31	100	11.00	---	---	
		2	58	101	11.00	---	---	
		3	85	102	18.00	---	---	
		4	112	103	18.00	---	---	
	F32T8 with Reflectors	1	31	104	14.00	---	---	
		2	58	105	14.00	---	---	
		3	85	106	24.00	---	---	
		4	112	107	24.00	---	---	
		5	148	108	31.00	---	---	
		6	170	109	37.00	---	---	
		8	224	110	48.00	---	---	
		F32T8 - RLO	1	26	111	11.00	---	---
	2		51	112	11.00	---	---	
	3		74	113	18.00	---	---	
	4		94	114	18.00	---	---	
	F32T8 - RLO / Reflectors	1	26	115	22.00	---	---	
		2	51	116	22.00	---	---	
		400 watt MH base →	8	192	117	78.00	118	39.00
	F32T8 - HBF / Reflectors (ceiling height > 15')	100 watt MH base →	1	37	119	24.00	120	12.00
		150 watt MH base →	2	73	121	30.00	122	15.00
		175 watt MH base →	3	93	123	36.00	124	18.00
		250 watt MH base →	4	146	125	42.00	126	21.00
		400 watt MH base →	6	221	127	78.00	128	39.00
	F32 SUPER T8 (ceiling height ≤ 15') Must meet SUPER T8 lamp and ballast requirements shown on last page.  (Compare to standard T8 and T12 fixtures. Applicable to all SUPER T8 ballast-factor ballasts.)	1	26	129	13.00	451	1.75	
		2	53	130	13.00	452	1.75	
		3	80	131	24.00	453	2.25	
		4	106	132	24.00	454	2.25	
		6	159	133	37.00	455	2.75	
	F32 SUPER T8 (ceiling height > 15') Must meet SUPER T8 lamp and ballast requirements shown on last page. 250 watt MH base →	4	146	134	56.00	135	28.00	

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LAMP LENGTH	DESCRIPTION	NUMBER OF LAMPS	WATTS	RETROFIT		NEW CONSTRUCTION		
				CODE	REBATE PER FIXTURE	CODE	REBATE PER FIXTURE	
4'	F32 SUPER T8 / Reflectors (ceiling height ≤ 15') Must meet SUPER T8 lamp and ballast requirements shown on last page.  (Compare to standard T8 and T12 fixtures. Applicable to all SUPER T8 ballast-factor ballasts.)	1	26	136	16.00	472	2.75	
		2	53	137	16.00	470	2.75	
		3	80	138	29.00	456	3.75	
		4	106	139	29.00	457	4.25	
		6	159	140	42.00	458	4.75	
		8	212	141	53.00	459	6.75	
	F32 SUPER T8 / Reflectors (ceiling height > 15') Must meet SUPER T8 lamp and ballast requirements shown on last page.	250 watt MH base →	4	146	142	61.00	143	30.50
		250 watt MH base →	5	177	154	48.00	155	24.00
		400 watt MH base →	6	221	144	105.00	145	52.50
		600 watt HPS base →	8	292	146	125.00	147	62.50
	F36T8	2	74	148	11.00	---	---	
	F36T8 with Reflectors	1	37	149	11.00	---	---	
	F48T8/HO	1	40	150	11.00	---	---	
		2	81	151	11.00	---	---	
3		118	152	18.00	---	---		
4		149	153	18.00	---	---		
Low-Wattage, 28 watt, 4' T8 Lamps Only (Existing/Base must be 32 watt T8 lamp – Code 8091)	NA	28	475	1.00 per lamp	476	1.00 per lamp		
Low-Wattage, 25 watts or less, 4' T8 Lamps Only (Existing/Base must be 32 watt T8 lamp – Code 8091)	NA	25	477	1.50 per lamp	478	1.50 per lamp		
5'	F40T8	1	46	504	11.00	---	---	
		2	71	505	11.00	---	---	
		3	105	506	22.00	---	---	
	F40T8 with Reflectors	1	46	507	11.00	---	---	
6'	F72T8/HO	1	80	602	11.00	---	---	
		2	147	603	11.00	---	---	
8'	F96T8	1	58	810	11.00	---	---	
		2	109	811	11.00	---	---	
		6	324	812	36.00	---	---	
	F96T8 with Reflectors	1	58	813	11.00	---	---	
	F96T8 with Reflectors (From F96T12/HO/VHO)	2	109	814	33.00	---	---	
	F96T8 - RLO	1	49	815	11.00	---	---	
		2	99	816	11.00	---	---	
	F96T8 - RLO / Reflectors	1	49	817	11.00	---	---	
F96T8/HO	2	160	818	11.00	---	---		

SUPER T8/High-Performance T8 systems must meet the following CEE specifications:

- This specification applies to systems using 4' 32 watt T8 lamps. Lamps must produce at least 3100 initial lumens (minimum 2950 initial lumens for lamps with color temp ≥ 4500 K); color-rendering index (CRI) ≥ 80; mean lumens per watt ≥ 90 for instant-start ballasts or ≥ 88 for programmed rapid-start ballasts; lamp life ≥ 24,000 hours (at 3 hours/start); and lumen maintenance ≥ 94% or minimum mean lumens ≥ 2900.
- Ballasts must be NEMA Premium Ballasts or have a ballast efficacy factor (BEF) equal to or greater than the factors shown in the table below; ballast power factor ≥ 0.90; and total harmonic distortion ≤ 20%. (BF=Ballast Factor)

Lamps	INSTANT START BALLAST (BEF)			PROGRAMMED RAPID START BALLAST (BEF)		
	Low (BF ≤ 0.85)	Medium (0.85 < BF ≤ 1.0)	High (BF ≥ 1.01)	Low (BF ≤ 0.85)	Medium (0.85 < BF ≤ 1.0)	High (BF ≥ 1.01)
1	3.08	3.11	3.03	2.84	2.84	2.95
2	1.60	1.58	1.55	1.48	1.47	1.51
3	1.04	1.05	1.04	0.97	1.00	1.00
4	0.79	0.80	0.77	0.76	0.75	0.75
6	N/A	N/A	0.52	N/A	N/A	0.50

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**T5 Fluorescent Fixtures with Electronic Ballasts**

DESCRIPTION	NUMBER OF LAMPS	WATTS	RETROFIT		NEW CONSTRUCTION		
			CODE	REBATE PER FIXTURE	CODE	REBATE PER FIXTURE	
14 Watt T5 HBF                      2-lamp F32T8 base →	2	39	2106	12.00	2087	2.00	
18 Watt T5	1	20	2107	12.00	2000	2.00	
	2	34	2108	12.00	2002	2.00	
	3	50	2109	19.00	2004	2.50	
28 Watt T5	1	29	2110	12.00	2085	2.00	
	2	58	2111	12.00	2077	2.00	
	3	96	2112	19.00	2079	2.50	
	4	116	2113	19.00	2081	2.50	
39 Watt T5	1	38	2114	12.00	2006	2.00	
	2	66	2115	12.00	2008	2.00	
	3	104	2116	19.00	2010	2.50	
40 Watt T5	1	35	2117	12.00	2013	2.00	
	2	68	2118	12.00	2014	2.00	
	3	98	2119	19.00	2016	2.50	
40 Watt T5	4	136	2120	19.00	2018	2.50	
	6	204	2121	24.00	2020	3.00	
50 Watt T5	1	50	2122	12.00	2022	2.00	
	2	100	2123	12.00	2026	2.00	
	3	150	2124	19.00	2030	8.00	
	4	200	2125	19.00	2034	8.00	
55 Watt T5	1	55	2126	12.00	2024	2.00	
	2	110	2127	12.00	2028	2.00	
	3	165	2128	19.00	2032	8.00	
	4	220	2129	19.00	2036	8.00	
24 Watt HO T5	1	29	2130	5.00	2038	2.00	
	2	55	2131	5.00	2040	2.00	
	3	82	2132	10.00	2083	4.00	
24 Watt HO T5 / Reflectors                      250 watt MH base →	6	164	2160	60.00	2161	30.00	
39 Watt HO T5	1	43	2133	10.00	2042	2.00	
	2	85	2134	10.00	2044	2.00	
48 Watt HO T5 / Reflectors                      400 watt HID base →	4	224	2135	90.00	2136	45.00	
54 Watt HO T5	150 watt MH base →	1	59	2137	45.00	2138	22.50
	175 watt MH base →	2	117	2139	40.00	2140	20.00
	250 watt MH base →	3	179	2141	60.00	2142	30.00
	400 watt MH base →	4	234	2143	85.00	2144	42.50
54 Watt HO T5 / Reflectors                      2-lamp 8' T12 HO base →	250 watt MH base →	2	117	2145	40.00	2146	20.00
	250 watt MH base →	3	179	2147	60.00	2148	30.00
	400 watt MH base →	4	234	2149	85.00	2150	42.50
	600 watt HPS base →	6	351	2151	115.00	2152	57.50
	750 watt MH base →	8	468	2153	135.00	2154	67.50
	1000 watt MH base →	10	585	2155	165.00	2156	82.50
	1000 watt MH base →	12	702	2157	145.00	2158	72.50
	1000 watt MH base →	12	702	2157	145.00	2158	72.50
80 Watt HO T5	4	368	2159	17.00	2048	2.00	
Low-Wattage, 49 watts or less, T5 HO Lamps Only (use Code 8101 as Existing/Base Code)	NA	49	2088	1.20 per lamp	2089	1.20 per lamp	