



CERTIFIED GREEN

LINEAR FLUORESCENT LAMPS

T5 • T8 • T8 Ubend • Circular • Starters

FEATURES

- **Energy Efficient**
Reduces power consumption by as much as 75%
- **Top Quality Phosphors**
Ensures stable and consistent light output
- **Long Life**
Less frequent re-lamping reduces maintenance costs
- **Stable Color**
Low color shift over time for more consistent lighting
- **Wide Range of Color Temperature Options**
Allows greater flexibility and more choices in lighting design
- **CEE, RoHS & TCLP Certifications**



Long Life T8 Lamps										
Ordering Code	Base	MOL	mg Hg	Watts	CT deg K	Life 3hr Start	Life 12hr Start	CRI	Approx Initial Lumens	Approx Mean Lumens
F32T8/830K/XL	G13	48.0/1219	2.7	32	3000	44,000	55,000	83	2950	2810
F32T8/835K/XL	G13	48.0/1213	2.7	32	3500	44,000	55,000	83	2950	2810
F32T8/841K/XL	G13	48.0/1219	2.7	32	4100	44,000	55,000	83	2950	2810
F32T8/850K/XL	G13	48.0/1219	2.7	32	5000	44,000	55,000	85	2950	2810
F32T8/865K/XL	G13	48.0/1219	2.7	32	6500	44,000	55,000	83	2850	2710

Programmed Start T5 Lamps										
Ordering Code	Base	MOL	mg Hg	Watts	CT deg K	Life 3hr Start	Life 12hr Start	CRI	Approx Initial Lumens	Approx Mean Lumens
F14T5/835	G5	22/559	<4	14	3500	25,000	35,000	85	1350	1256
F14T5/841	G5	22/559	<3	14	4000	25,000	35,000	85	1200	
F14T5/865	G5	22/559	<4	14	6500	25,000	35,000	85	1300	1210
F21T5/835	G5	34/864	<4	21	3500	25,000	35,000	85	2100	1953
F21T5/841	G5	34/864	<3	21	4000	25,000	35,000	85	1900	
F24T5/HO/835	G5	22/559	3.5	24	3500	25,000	35,000	85	2000	1860
F24T5/HO/841	G5	22/559	<3	24	4000	25,000	35,000	85	1750	
F25T8/830K	G13	36.0/915	3.5	25	3000	20,000	25,000	85	2225	2050
F25T8/835K	G13	36.0/915	3.5	25	3500	20,000	25,000	85	2225	2050
F25T8/841K	G13	36.0/915	3.5	25	4100	20,000	25,000	85	2225	2050
F28T5/835	G5	46/1169	<3	28	3000	25,000	35,000	85	2600	
F28T5/841	G5	46/1169	<3	28	4000	25,000	35,000	85	2600	
F28T5/850	G5	46/1169	<3	28	5000	25,000	35,000	85	2400	
F28T5/865	G5	46/1169	<4	28	6500	25,000	35,000	85	2850	2650
F35T5/830	G5	57/1463	<3	35	3000	25,000	35,000	85	3300	
F39T5/HO/835	G5	34/864	4	39	3500	25,000	35,000	85	3500	3255
F39T5/HO/841	G5	34/864	4	39	4100	25,000	35,000	85	3500	3255
F49T5/HO/835	G5	46/1169	3.5	49	3500	25,000	35,000	85	4900	4750
F49T5/HO/841	G5	46/1169	3.5	49	4100	25,000	35,000	85	4900	4750
F49T5/HO/841	G5	46/1169	<3	49	4000	25,000	35,000	85	4900	4750
F49T5/HO/850	G5	46/1169	<3	49	5000	25,000	35,000	85	4800	4625
F49T5/HO/865	G5	46/1169	3.5	49	6500	25,000	35,000	85	4800	4625
F54T5/HO/830	G5	46/1169	3.5	54	3000	25,000	35,000	85	5000	4650
F54T5/HO/835	G5	46/1169	3.5	54	3500	25,000	35,000	85	5000	4650
F54T5/HO/841	G5	46/1169	3.5	54	4100	25,000	35,000	85	5000	4650
F54T5/HO/850	G5	46/1169	3.5	54	5000	25,000	35,000	85	4850	4500
F54T5/HO/865	G5	46/1169	3.5	54	6500	25,000	35,000	85	4850	4500

Preheat T5 Lamps										
Ordering Code	Base	MOL	mg Hg	Watts	CT deg K	Life Hours	CRI	Approx Initial Lumens	Approx Mean Lumens	
F4T5/CW	G5	6.0/152	5	4	4100	6000	60	135	100	
F4T5/D	G5	6.0/152	5	4	6500	6000	75	115	92	
F6T5/CW	G5	9.0/229	5	6	4100	7500	60	295	235	
F6T5/D	G5	9.0/229	5	6	6500	7500	75	230	185	
F6T5/WW	G5	9.0/229	5	6	3000	7500	52	275	220	
F8T5/CW	G5	12.0/305	5	8	4100	7500	60	400	320	
F8T5/D	G5	12.0/305	5	8	6500	7500	75	330	265	
F8T5/W	G5	12.0/305	5	8	3500	7500	55	400	320	
F8T5/WW	G5	12.0/305	5	8	3000	7500	52	410	330	
F13T5/CW	G5	21.0/533	5	13	4100	7500	60	850	705	
F13T5/D	G5	21.0/533	5	13	6500	7500	75	700	460	
F13T5/WW	G5	21.0/533	5	13	3000	7500	60	870	720	

Blacklight T5 Lamps

Ordering Code	Watts	Shape	Base	MOL	MOD	Life Hours
F4T5/BL	4	T-5	G5	6.0/152	0.63/16	6000
F4T5/BLB	4	T-5	G5	6.0/152	0.63/16	6000
F6T5/BL	6	T-5	G5	9.0/229	0.63/16	7500
F6T5/BLB	6	T-5	G5	9.0/229	0.63/16	7500
F8T5/BL	8	T-5	G5	12.0/305	0.63/16	7500
F8T5/BLB	8	T-5	G5	12.0/305	0.63/16	7500

CEE Specified T8 Lamps

Ordering Code	Base	MOL	mg Hg	Watts	CT deg K	Life 3hr Start	Life 12hr Start	CRI	Approx Initial Lumens	Approx Mean Lumens
F28T8/830/ES	G13	48.0/1219	3.5	28	3000	24,000	30,000	85	2800	2635
F28T8/835/ES	G13	48.0/1219	3.5	28	3500	24,000	30,000	85	2800	2635
F28T8/841/ES	G13	48.0/1219	3.5	28	4100	24,000	30,000	85	2800	2635
F28T8/850/ES	G13	48.0/1219	3.5	28	5000	24,000	30,000	85	2800	2635
F28T8/865/ES	G13	48.0/1219	3.5	28	6500	24,000	30,000	85	2750	2585
F32T8/830/ES/25W	G13	48.0/1219	3.5	25	3000	24,000	30,000	85	2400	2260
F32T8/830K/HL	G13	48.0/1219	3.5	32	3000	24,000	30,000	85	3100	2915
F32T8/835/ES/25W	G13	48.0/1219	3.5	25	3500	24,000	30,000	85	2400	2260
F32T8/835K/HL	G13	48.0/1219		32	3500	24,000	30,000	85	3100	2915
F32T8/841/ES/25W	G13	48.0/1219	3.5	25	4100	24,000	30,000	85	2400	2260
F32T8/841K/HL	G13	48.0/1219	3.5	32	4100	24,000	30,000	85	3100	2915
F32T8/850/ES/25W	G13	48.0/1219	3.5	25	5000	24,000	30,000	85	2350	2200
F32T8/850K	G13	48.0/1219	3.5	32	5000	24000	24000	85	2950	2773
F32T8/850K/HL	G13	48.0/1219	3.5	32	5000	24,000	30,000	85	3000	2820
F32T8/850K/XL	G13	48.0/1219	2.7	32	5000	44,000	55,000	85	2950	2810
F32T8/865/ES/25W	G13	48.0/1219	3.5	25	6500	24,000	30,000	85	2350	2200
F32T8/865K/HL	G13	48.0/1219	3.5	32	6500	24,000	30,000	85	3000	2820

High Lumen T8 Lamps

Ordering Code	Base	MOL	mg Hg	Watts	CT deg K	Life 3hr Start	Life 12hr Start	CRI	Approx Initial Lumens	Approx Mean Lumens
F32T8/830K/HL	G13	48.0/1219	3.5	32	3000	24,000	30,000	85	3100	2915
F32T8/835K/HL	G13	48.0/1219		32	3500	24,000	30,000	85	3100	2915
F32T8/841K/HL	G13	48.0/1219	3.5	32	4100	24,000	30,000	85	3100	2915
F32T8/850K/HL	G13	48.0/1219	3.5	32	5000	24,000	30,000	85	3000	2820
F32T8/865K/HL	G13	48.0/1219	3.5	32	6500	24,000	30,000	85	3000	2820

Energy Saving T8 Lamps

Ordering Code	Base	MOL	mg Hg	Watts	CT deg K	Life 3hr Start	Life 12hr Start	CRI	Approx Initial Lumens	Approx Mean Lumens
F28T8/830/ES	G13	48.0/1219	3.5	28	3000	24,000	30,000	85	2800	2635
F28T8/835/ES	G13	48.0/1219	3.5	28	3500	24,000	30,000	85	2800	2635
F28T8/841/ES	G13	48.0/1219	3.5	28	4100	24,000	30,000	85	2800	2635
F28T8/850/ES	G13	48.0/1219	3.5	28	5000	24,000	30,000	85	2800	2635
F28T8/865/ES	G13	48.0/1219	3.5	28	6500	24,000	30,000	85	2750	2585
F32T8/830/ES/25W	G13	48.0/1219	3.5	25	3000	24,000	30,000	85	2400	2260
F32T8/835/ES/25W	G13	48.0/1219	3.5	25	3500	24,000	30,000	85	2400	2260
F32T8/841/ES/25W	G13	48.0/1219	3.5	25	4100	24,000	30,000	85	2400	2260
F32T8/850/ES/25W	G13	48.0/1219	3.5	25	5000	24,000	30,000	85	2350	2200
F32T8/865/ES/25W	G13	48.0/1219	3.5	25	6500	24,000	30,000	85	2350	2200

Programmed Start T8 Lamps										
Ordering Code	Base	MOL	mg Hg	Watts	CT deg K	Life 3hr Start	Life 12hr Start	CRI	Approx Initial Lumens	Approx Mean Lumens
F17T8/730K	G13	24.0/610	9	17	3000	20,000	25,000	73	1325	1200
F17T8/735K	G13	24.0/610	9	17	3500	20,000	25,000	73	1325	1200
F17T8/741K	G13	24.0/610	9	17	4100	20,000	25,000	73	1325	1200
F17T8/830K	G13	24.0/610	3.5	17	3000	20,000	25,000	85	1400	1300
F17T8/835K	G13	24.0/610	3.5	17	3500	20,000	25,000	85	1400	1300
F17T8/841K	G13	24.0/610	3.5	17	4100	20,000	25,000	85	1400	1300
F17T8/850K	G13	24.0/610	3.5	17	5000	20,000	25,000	85	1400	1300
F25T8/830K	G13	36.0/915	3.5	25	3000	20,000	25,000	85	2225	2050
F25T8/835K	G13	36.0/915	3.5	25	3500	20,000	25,000	85	2225	2050
F25T8/841K	G13	36.0/915	3.5	25	4100	20,000	25,000	85	2225	2050
F32T8/735K	G13	48.0/1219	9	32	3500	20,000	25,000	75	2850	2705
F32T8/741K	G13	48.0/1219	9	32	4100	20,000	25,000	75	2850	2705
F32T8/830K	G13	48.0/1219	3.5	32	3000	20,000	25,000	85	2950	2800
F32T8/835K	G13	48.0/1219	3.5	32	3500	20,000	25,000	85	2950	2800
F32T8/841K	G13	48.0/1219	3.5	32	4100	20,000	25,000	85	2950	2800
F32T8/850K	G13	48.0/1219	3.5	32	5000	24000	24000	85	2950	2773
F32T8/865K	G13	48.0/1219	3.5	32	6500	20,000	25,000	85	2900	2725

Preheat T8 Lamps										
Ordering Code	Base	MOL	mg Hg	Watts	CT deg K	Life Hours	CRI	Approx Initial Lumens	Approx Mean Lumens	
F10T8/CW	G13	13.6/346	5	10	4100	7500	60	480	425	
F13T8/CW	G13	12.0/305	5	13	4100	7500	60	565	480	
F14T8/CW	G13	15.0/381	5	14	4100	7500	60	685	580	
F14T8/D	G13	15.0/381	5	14	6500	7500	75	645	545	
F15T8/CW	G13	18.0/457	5	15	4100	7500	60	825	725	
F15T8/D	G13	18.0/457	5	15	6500	7500	75	700	615	
F15T8/W	G13	18.0/457	5	15	3500	7500	55	800	725	
F15T8/WW	G13	18.0/457	5	15	3000	7500	52	845	745	

Blacklight T8 Lamps										
Ordering Code	Base	MOL	mg Hg	Special Desc	Watts	Life Hours				
F15T8/BL	G13	18.0/457	5	Blacklight (350nm), Preheat	15	7500				
F15T8/BLB	G13	18.0/457	5	Blacklight Blue (365nm), Preheat	15	7500				

T8 U-Bend Fluorescent Lamps										
Ordering Code	Base	MOL	mg Hg	Special Desc	Watts	CT deg K	Life Hours	CRI	Approx Initial Lumens	Approx Mean Lumens
F31T8/830/U	G13	22.5/571	8	U-Bend 1-5/8 inch centers, Universal Start	31	3000	20000	85	2750	2475
F31T8/835/U	G13	22.5/571	8	U-Bend 1-5/8 inch centers, Universal Start	31	3500	20000	85	2750	2475
F31T8/841/U	G13	22.5/571	8	U-Bend 1-5/8 inch centers, Universal Start	31	4100	20000	85	2750	2475
F31T8/850/U	G13	22.5/571	8	U-Bend 1-5/8 inch centers, Universal Start	31	5000	20000	85	2625	2365
F32T8/835K/U6	G13	22.5/571	9	U-Bend 6 inch centers, Universal Start	32	3500	20000	85	2800	2535
F32T8/841K/U6	G13	22.5/571	9	U-Bend 6 inch centers, Universal Start	32	4100	20000	85	2800	2535
F32T8/850K/U6	G13	22.5/571	9	U-Bend 6 inch centers, Universal Start	32	5000	20000	85	2750	2500

Circular Fluorescent Lamps										
Ordering Code	Base	MOL	mg Hg	Watts	CT deg K	Life Hours	CRI	Approx Initial Lumens	Approx Mean Lumens	
FC8T9/CW	G10q	8.25/215	8	22	4100	12000	60	1100	825	
FC8T9/D	G10q	8.25/215	8	22	6500	12000	75	925	690	
FC12T9/CW	G10q	12.0/305	8	32	4100	12000	60	1950	1460	

